

2013 APACHE™

**A5720 • A51020
A51025 • A51220**

Parts Manual



Specifications

AS720

Tank Capacity	750 gallons [2839 liters]
Engine	160 hp [119.3 kW] Tier III Cummins
Transmission	ITL/JCB Power shift 4-speed, torque converted
Speed Ranges	1st 0-5 mph [0-8.04 km/h] 2nd 0-9 mph [0-14.5 km/h] 3rd 0-16 mph [0-25.7 km/h] 4th 0-28 mph [0-45 km/h]
Brakes	Internal, wet disc self adjusting
Suspension.	Front axle: Center oscillation with independent hydraulic accumulation Rear axle: Patented hydraulic load suspension with compensating anti-sway control, self-adjusting for diminishing/increasing load
Cab.	ET custom pressurized cab
Crop Clearance	42 in. [106.6 cm] or 50 in. [127 cm]
Axles.	120 to 160 in. [304.8 to 406.4 cm] 120 in. [304.8 cm] fixed
Final Drive	ITL/JCB planetary gear set
Weight	17,400 lb [7892.5 kg] dry weight
Fuel Capacity	100 gallons [379 liters]
Width	12 ft [3.6 m]
Length	24 ft [7.3 m]
Height.	144 in. [365.7 cm]
Wheel Base	15 ft [4.6 m]
Turning Radius	17 ft [5.1 m]
Tires	Standard Front: 380/80R38 Standard Rear: 380/90R46 Optional: 320/90R50
Booms	80 ft [24.3 m] 90 ft [27.4 m] 100 ft [30.4 m], 60 / 80 ft [18.2 / 24.3 m] 60 / 90 ft [18.2 / 27.4 m]
Boom Height.	42 in. [106.6 cm] CC: 14 to 74 in. [35.5 to 187.9 cm] 50 in. [127 cm] CC: 22 to 82 in. [55.9 to 208.3 cm]
Product Pump.	Hypro 9306C HM1C, hydraulically driven centrifugal pump
Roto-Flush	Pump pressured

AS1020

Tank Capacity 1000 gallons [3785.4 liters]
Engine 173 Cummins Tier III
Transmission Standard: ZF PowerShift 6-speed with lock-up torque converter
Speed Ranges 1st 0 to 5 mph [8.04 km/h]
 2nd 0 to 7 mph [11.27 km/h]
 3rd 0 to 11 mph [17.7 km/h]
 4th 0 to 17 mph [27.36 km/h]
 5th 0 to 27 mph [43.45 km/h]
 6th 0 to 35 mph [56.3 km/h]
Brakes Internal, wet disc self-adjusting
Suspension. Front axle: Center oscillation with independent hydraulic accumulation
 Rear axle: Patented hydraulic load suspension with compensating anti-sway
 control, self-adjusting for diminishing/increasing load
Cab ET custom pressurized cab
Crop Clearance 42 in. [106.6 cm] or 50 in. [127 cm]
Axles. 120 to 160 in. [304.8 to 406.4 cm] Adjustable Axle Width with optional hydraulic
 adjust
 120 in. [304.8 cm] Fixed Axle Width (Standard)
Final Drive ITL/JCB Planetary Gear Set (42 in. [106.6 cm] CC)
 Gear Drive Drop Box (50 in. [127 cm] CC)
Weight 18,500 lbs [8391.4 kg] (dry weight)
Fuel Capacity 100 gallons [379 liters]
Width 12 ft [3.6 m]
Length 24 ft [7.3 m]
Height 143 in. [363 cm]
Wheel Base 15 ft [4.6 m]
Turning Radius 17 ft [5.1 m]
Tires Standard Front: 380/80R38
 Standard Rear: 380/90R46
Booms 80 ft [24.3 m]
 90 ft [27.4 m]
 100 ft [30.4 m],
 60 / 80 ft [18.2 / 24.3 m]
 60 / 90 ft [18.2 / 27.4 m]
Boom Height. 14 to 74 in. [35.5 to 187.9 cm] (42 in. [106.6 cm] CC:)
 22 to 82 in. [55.9 to 208.3 cm] (50 in. [127 cm] CC:)
Product Pump. Hypro 9306C HM1C, hydraulically driven centrifugal pump
Roto-Flush Pump pressured

AS1025

Tank Capacity	1000 gallons [3785.4 liters]
Engine	173 Cummins Interim Tier IV
Transmission	Standard: ZF PowerShift 6-speed with lock-up torque converter
Speed Ranges	1st 0 to 5 mph [8.04 km/h] 2nd 0 to 7 mph [11.27 km/h] 3rd 0 to 11 mph [17.7 km/h] 4th 0 to 17 mph [27.36 km/h] 5th 0 to 27 mph [43.45 km/h] 6th 0 to 35 mph [56.3 km/h]
Brakes	Internal, wet disc self-adjusting
Suspension.	Front axle: Center oscillation with independent hydraulic accumulation Rear axle: Patented hydraulic load suspension with compensating anti-sway control, self-adjusting for diminishing/increasing load
Cab.	ET custom pressurized cab
Crop Clearance	42 in. [106.6 cm] or 50 in. [127 cm]
Axles.	120 to 160 in. [304.8 to 406.4 cm] Adjustable Axle Width with optional hydraulic adjust 120 in. [304.8 cm] Fixed Axle Width (Standard)
Final Drive	ITL/JCB Planetary Gear Set (42 in. [106.6 cm] CC) Gear Drive Drop Box (50 in. [127 cm] CC)
Weight	18,500 lbs [8391.4 kg] (dry weight)
Fuel Capacity	100 gallons [379 liters]
Width	12 ft [3.6 m]
Length	24 ft [7.3 m]
Height.	143 in. [363 cm]
Wheel Base	15 ft [4.6 m]
Turning Radius.	17 ft [5.1 m]
Tires	Standard Front: 380/80R38 Standard Rear: 380/90R46
Booms	80 ft [24.3 m] 90 ft [27.4 m] 100 ft [30.4 m], 60 / 80 ft [18.2 / 24.3 m] 60 / 90 ft [18.2 / 27.4 m]
Boom Height.	14 to 74 in. [35.5 to 187.9 cm] (42 in. [106.6 cm] CC:) 22 to 82 in. [55.9 to 208.3 cm] (50 in. [127 cm] CC:)
Product Pump.	Hypro 9306C HM1C, hydraulically driven centrifugal pump
Roto-Flush	Pump pressured

AS1220

Tank Capacity 1200 gallons [4542.4 liters]
Engine 215 Cummins Tier III
Transmission Standard: ZF PowerShift 6-speed with lock-up torque converter
Speed Ranges 1st 0 to 5 mph [8.04 km/h]
 2nd 0 to 7 mph [11.27 km/h]
 3rd 0 to 11 mph [17.7 km/h]
 4th 0 to 17 mph [27.36 km/h]
 5th 0 to 27 mph [43.45 km/h]
 6th 0 to 35 mph [56.3 km/h]
Brakes Internal, wet disc self-adjusting
Suspension. Front axle: Center oscillation with independent hydraulic accumulation
 Rear axle: Patented hydraulic load suspension with compensating anti-sway
 control, self-adjusting for diminishing/increasing load
Cab ET custom pressurized cab
Crop Clearance 50 in. [127 cm]
Axles. 120 to 160 in. [304.8 to 406.4 cm] Adjustable Axle Width with optional hydraulic
 adjust
 120 in. [304.8 cm] Fixed Axle Width (Standard)
Final Drive Fairfield All Gear Drop Box (50 in. [127 cm] CC)
Weight 20,900 lbs [9480.1 kg] (dry weight)
Fuel Capacity 100 gallons [379 liters]
Width 12 ft [3.6 m]
Length 24 ft [7.3 m]
Height 143 in. [363 cm]
Wheel Base 15 ft [4.6 m]
Turning Radius 17 ft [5.1 m]
Tires Standard Front: 380/80R38
 Standard Rear: 380/90R46
Booms 80 ft [24.3 m]
 90 ft [27.4 m]
 100 ft [30.4 m],
 60 / 80 ft [18.2 / 24.3 m]
 60 / 90 ft [18.2 / 27.4 m]
Boom Height. 22 to 82 in. [55.9 to 208.3 cm] (50 in. [127 cm] CC:)
Product Pump. Hypro 9306C HM1C, hydraulically driven centrifugal pump
Roto-Flush Pump pressured

Contents

Specifications

AS720	i
AS1020	ii
AS1025	iii
AS1220	iv

General Information

Definitions	xi
-------------------	----

Quick List

Filters	1-1
Hydraulic Cylinders and Seals	1-1
Belts	1-1

Chassis

Section Overview

All Models	2-1
------------------	-----

Frame Rails

All Models	2-2
------------------	-----

Hose Clamp

All Models	2-4
------------------	-----

Outriggers

All Models	2-5
------------------	-----

Boom Support

All Models Except Pommier Boom	2-6
--------------------------------------	-----

Rinse Tank Hold Down Bracket

All Models	2-7
------------------	-----

Stainless Steel Tank Support

All Models	2-8
------------------	-----

Drivetrain

Section Overview

All Models	3-1
------------------	-----

Cooling Package

Engine Intake Air and Cooling Piping

All Models Except AS1025	3-8
AS1025 Only	3-10

Firewall

All Models Except AS1025	3-12
AS1025 Only	3-14
All Models	3-16

Fan Block Manifold Mounting

All Models	3-17
------------------	------

Fan Block Manifold

All Models	3-18
------------------	------

Engine Mounting

All Models	3-20
------------------	------

Engine and PowerShift Transmission

AS720	3-22
-------------	------

PowerShift Transmission

AS720	3-26
-------------	------

PowerShift Clutch

AS720	3-28
-------------	------

PowerShift Reverse Clutch

AS720	3-30
-------------	------

PowerShift Layshaft

AS720	3-32
-------------	------

PowerShift Pump Drive Shaft

AS720	3-34
-------------	------

PowerShift Valve Body Assembly

AS720	3-35
-------------	------

Engine and ZF Transmission

AS1020 and AS1220	3-36
AS1025 Only	3-40

ZF Transmission

All Models	3-42
------------------	------

Primary Fuel Filter Head

All Models Except AS1025	3-44
AS1025 Only	3-45

Fuel Tank

All Models	3-46
------------------	------

Engine Exhaust Piping

All Models Except AS1025	3-48
AS1025 Only	3-50

Front Axle

All Models	3-52
------------------	------

120" Fixed Front Axle

42" Crop Clearance

AS720, AS1020 and AS1025	3-54
--------------------------------	------

120" Fixed Front Axle

50" Crop Clearance

All Models	3-56
------------------	------

120 to 160" Adjustable Front Axle

42" Crop Clearance

AS720, AS1020 and AS1025	3-58
--------------------------------	------

120 to 160" Adjustable Front Axle

50" Crop Clearance

All Models	3-60
------------------	------

Front Strut

All Models	3-62
------------------	------

120" Fixed Rear Axle

42" Crop Clearance

AS720, AS1020 and AS1025	3-64
--------------------------------	------

120" Fixed Rear Axle

50" Crop Clearance

All Models	3-66
------------------	------

120 to 160" Adjustable Rear Axle

42" Crop Clearance

AS720, AS1020 and AS1025	3-68
--------------------------------	------

120 to 160" Adjustable Rear Axle

50" Crop Clearance

All Models	3-70
------------------	------

Rear Differential with

Adjustable Drive Shaft

All Models	3-72
------------------	------

Differential

All Models	3-74
------------------	------

Differential Brake Assembly

AS720 Only	3-76
------------------	------

Differential (Limited Slip)

AS720 Only	3-77
------------------	------

Differential Input		
AS720 Only	3-78	
Planetary Hub		
All Models	3-79	
Fairfield Drop Box		
All Models	3-80	
Torque Arms		
All Models	3-82	
Tracking Bar		
All Models	3-83	
Rear Suspension		
All Models	3-84	
Suspension Leveling		
All Models	3-85	
Drive Shaft		
AS720	3-86	
AS1020, AS1025 and AS1220	3-88	
Tire Options		
Front	3-90	
Rear.	3-91	
Rear.	3-92	
Tires		
All Models	3-94	
Fenders		
All Models (Front)	3-96	
All Models (Rear with 42" CC).	3-97	
All Models (Rear with 50" CC).	3-98	
Hydraulics		
Section Overview		
All Models	4-1	
Hydraulic Pump		
All Models	4-2	
Junction Manifold Mounting		
All Models	4-3	
Junction Manifold		
All Models	4-4	
Junction Manifold with AutoSteer or AutoPilot		
All Models	4-6	
Brake Accumulator		
All Models	4-7	
Fan Block Manifold Mounting		
All Models	4-8	
Fan Block Manifold		
All Models	4-10	
Suspension / Back Rack		
Accumulator Manifold Mounting		
All Models	4-12	
Suspension Manifold / Back Rack		
Accumulator Manifold		
All Models	4-14	
Boom Manifold Mounting		
All Models	4-16	
Boom Manifold		
All Models	4-18	
Boom Manifold Mounting (AutoBoom Ready)		
All Models	4-20	
Boom Manifold (AutoBoom Ready)		
All Models	4-22	
Raven AutoSteer Manifold Mounting		
All Models	4-24	
Raven AutoSteer Manifold		
All Models	4-25	
Adjust On the Go		
All Models	4-26	
Adjust On the Go Manifold Front Mounting		
All Models	4-27	
Adjust On the Go Manifold Rear Mounting		
All Models	4-28	
Adjust On the Go Manifold		
All Models	4-29	
Hydraulic Tank Mounting		
All Models	4-30	
Hydraulic Tank		
All Models	4-32	
Brake Line Clamps		
All Models	4-34	
Hoses and Fittings		
Hydraulic		
Hoses	5-1	
Non-Hydraulic		
Hoses and Fittings AS720 and AS1020	5-12	
Hoses and Fittings AS1220.	5-13	
Fittings		
Danfoss Steering Unit Kit	5-14	
Main Fitting Kit	5-14	
Adjust On the Go (AOG)	5-14	
AutoSteer Fitting Kit	5-14	
Hydraulic Tank Fitting Kit.	5-15	
Engine Fitting Kit.	5-15	
Eaton Pump Fittings	5-15	
Bulk Fittings.	5-16	
Hoses		
Main Hose Kit	5-17	
AOG Hose Kit	5-18	
Adjustable 120-160" Steering Hose Kit.	5-18	
Fixed 120" Steering Hose Kit	5-18	
AutoSteer Hose Kit	5-19	
Station 2 Hose Kit	5-19	
Boom Hose Kit	5-20	
Bulk Hoses	5-21	

Cab, Hood and Trim

Section Overview

All Models 6-1

Cab Overview

All Models 6-2

Roof

All Models 6-4

Headliner

All Models 6-6

Antenna Mount

All Models 6-7

Cab Lights

All Models 6-8

Wiper

All Models 6-9

Mirror

All Models 6-10

Front and Rear Glass

All Models 6-11

Operator Seat Mounting

All Models 6-12

Operator Seat

All Models 6-14

Buddy Seat

All Models 6-16

Entry Door

All Models 6-18

Service Door

All Models 6-20

Console

All Models 6-22

Raven Console Mounting

All Equipped Models 6-24

Viper Console Mounting

All Equipped Models 6-25

E Pro Console Mounting

All Equipped Models 6-26

Stand Alone AutoBoom

All Equipped Models 6-27

Trimble Console CFX 750

All Equipped Models 6-28

Trimble Console FmX

All Equipped Models 6-29

Switches Console Mounting

All Models 6-30

Electrical

All Models 6-31

Raven Equipped Models 6-32

Trimble Equipped Models 6-33

All Models 6-34

Floor Mat

All Models 6-35

Upper Steering Column

All Models 6-36

Lower Steering Column

All Models 6-38

Dash

All Models 6-40

HVAC

All Models 6-43

AC Dryer Mounting

All Models 6-48

Brake Pedals

All Models 6-50

Cab Mounting and Hood Structure

All Models 6-54

Hood

All Models (Top and Front and Panels) 6-58

All Models (Side Panels) 6-59

All Models (Headlights) 6-60

All Models (Grills and Decals) 6-62

Utility Ladder (Right Side)

All Models 6-64

Entry Ladder (Left Side)

All Models 6-65

Side Lights and Tool Box Mounting

All Models 6-66

Tool Box

All Models 6-67

Tread Plates

All Models 6-68

Wet System

Section Overview

All Models	7-1
------------	-----

Pressure Gauges

All Models	7-2
------------	-----

Fill Station

Cover Panels	7-3
Switch Panel	7-4

Hose Hanger

All Models	7-5
------------	-----

Product Pump

All Models, Standard and Quick-Fill Plumbing	7-6
--	-----

Standard Plumbing

Plumbing Mounting	7-8
Pump Mounting	7-9
Fill Station Overview	7-10
Fill Station Detail 1	7-11
Fill Station Detail 2	7-12
Fill Station Detail 3	7-14
Fill Station Detail 4A (Poly Tank)	7-16
Fill Station Detail 4B (Stainless Tank)	7-18

Quick-Fill Plumbing

Plumbing Mounting	7-20
Pump Mounting	7-21
Fill Station Overview	7-22
Fill Station Detail 1	7-23
Fill Station Detail 2	7-24
Fill Station Detail 3	7-26
Fill Station Detail 4A (Poly Tank)	7-28
Fill Station Detail 4B (Stainless Tank)	7-30

Inductor

Mounting and Detail 1	7-33
Detail 2	7-34
Detail 3	7-36

Radar Speed Sensor

All Models	7-37
------------	------

Product Tank, Rinse Tank and Parallel Arm Mounting

All Models	7-38
------------	------

Rear Cover

All Models	7-40
------------	------

Poly Product Tank

Standard Plumbing	7-42
Quick Fill Plumbing	7-44
Sight Gauge	7-46
Detail	7-48

Rinse Tank Hold Down Bracket

All Models	7-49
------------	------

Rinse Tank

Without Foamer	7-50
With Foamer	7-51

Stainless Steel Product Tank

1000 Gallon Tank Standard Plumbing	7-52
1000 Gallon Tank Quick Fill Plumbing	7-54
1200 Gallon Tank Standard Plumbing	7-56
1200 Gallon Tank Quick Fill Plumbing	7-58
Tank Mounting	7-60

Boom Marker Lights

All Models	7-61
------------	------

Boom Suspension and Hydraulics

All Models with ET Boom	7-62
-------------------------	------

Back Rack Mounting

All Models	7-64
------------	------

Raven Options

All Equipped Models	7-65
---------------------	------

Boom Valve

5-Section Block	7-66
8-Section Block	7-68
10-Section Block	7-70
Mounting	7-72

Boom

Wing Assembly, Hanger and Rest	7-74
Inner Break Away and Linkage	7-76
Wing Accumulator	7-78
Outer Break Away (80' and 90' Booms)	7-79
Outer Break Away (100' Booms)	7-80

Boom Plumbing

5 Section Block	7-81
10 Section Valve Block	7-94
Fencerow Nozzle	7-97
Nozzle Brackets	7-98

AutoBoom

Eye Assembly	7-100
Wheel Assembly	7-102

Foam Marker Equipment

Foamer Tank and Pump	7-104
Foamer Pump and Compressor Assembly	7-105
Foam Splitter	7-106
Foam Drop Tube	7-107

Pommier Boom

Light Mounting	7-108
Boom Supports	7-110
Boom Suspension and Hydraulics	7-112
9-Section Pommier Block	7-114
Inner and Intermediate Wing with Linkage	7-116
Intermediate Wing and Breakaway with Linkage	7-118

Electrical

Main Harness

All Models (Overview)	8-1
Main Harness Detail 1	8-2
Main Harness Detail 2	8-3
Main Harness Detail 3	8-4
Main Harness Detail 4	8-5

Brake Harness

All Models	8-6
------------	-----

Cab Harness

All Models	8-7
------------	-----

Bussman RT 15712 Harness

All Models	8-8
------------	-----

Upper Cab Harness

All Models	8-9
------------	-----

Cab Roof Harness

All Models	8-10
------------	------

Antenna Harness

All Models	8-11
------------	------

Phoenix 200 Antenna to Cab Harness	
All Equipped Models	8-12
Phoenix 200 Antenna Interface Harness	
All Equipped Models	8-13
Phoenix 300 Antenna to Cab Harness	
All Equipped Models	8-14
Phoenix 300 Antenna Interface Harness	
Viper Pro Equipped Models Only	8-14
E-Pro II Antenna Interface Harness	
All Equipped Models	8-15
All Models	8-16
HVAC Harness	
All Models	8-17
Cummins Engine Harness	
AS720, AS1020 and AS1220 (Early 2013 Tier 3)	8-18
Cummins Engine Harness	
AS1025 Only (Early 2013 Tier 4i)	8-20
Headlight Harness	
All Models (Late 2013)	8-22
Cummins Engine Harness	
AS720, AS1020 and AS1220 (Late 2013 Tier 3)	8-23
Cummins Engine Harness	
AS1025 Only (Late 2013 Tier 4i)	8-24
ZF Console Harness	
All Equipped Models	8-26
ZF Cab Harness	
All Equipped Models	8-27
ZF Transmission Harness	
All Equipped Models	8-28
PS764 Console Harness	
AS720	8-29
Raven Cab Harness	
All Models	8-30
5000 Adapter Harness	
All Equipped Models	8-31
Raven Frame Harness	
All Models	8-32
CAN Tee Option Harness	
All Models	8-33
Product Control Level II Harness	
All Models	8-34
SmarTrax Cab Harness	
All Equipped Models	8-35
SmarTrax Valve Harness	
All Equipped Models	8-36
Boom Harness	
All Models	8-37
Boom Section Harness	
All Models	8-38
Raven Control Boom Harness	
All Models	8-39
AutoBoom Harness	
All Equipped Models	8-40
Adjust On the Go Harness	
All Equipped Models	8-41
Trimble AutoBoom (Stand-alone)	
All Equipped Models	8-42
Trimble Cab Harness	
All Equipped Models	8-43
Trimble Frame Harness	
All Equipped Models	8-44
Trimble Cab Field IQ Harness	
All Equipped Models	8-45
Trimble Display Field IQ Harness	
All Equipped Models	8-46
Trimble Nav Cont II Harness	
All Equipped Models	8-47
Trimble Autopilot Valve Harness	
All Equipped Models	8-48
Trimble Control Boom Harness	
All Equipped Models	8-49
Trimble Nav II with Port Rep Harness	
All Equipped Models	8-50
Trimble Harness CAN Extension	
All Equipped Models	8-51
Appendix	
Additional Information	
Spare Parts Return Policy	9-2
Option Kits for 2012 Apache Sprayers	9-3
Parts Manual Update	9-4

General Information

Definitions

The following list provides an explanation of part number codes, acronyms and terms used in this manual.

100 part number prefix for frame, axle and suspension brackets

200 part number prefix for engine parts

300 part number prefix for drive line components, transmissions, differentials, planetary, drop box and drive shafts

400 part number prefix for cab, hood, decals and glass

500 part number prefix for wheels, tires and manuals

600 part number prefix for wet system

700 part number prefix for electrical components

800 part number prefix for hydraulic components

900 part number prefix for hardware and rebuilt components

K part number prefix for parts available in kit form

CC Crop Clearance

42" CC 42" Crop Clearance

50" CC 50" Crop Clearance

Heavy

Duty Front

Axle 38" front tires with 15,000 lb. hubs, larger king pins and outer flex's

120"-160" Axle is adjustable from 120" to 160" from center of tire to center of tire

120" Fixed Axle is not adjustable and is center of tire to center of tire

AOG Adjust On the Go

AP Apache

A/R As Required

BSPM British Standard Pipe Male

DEG Degree

FHCS Flat Head Cap Screw

FLF Flared Female Fitting

FLM Flared Male Fitting

FP Full Port

HB Hose Barb

HP Horsepower

HHCS Hex Head Cap Screw

JIC Joint Industry Council

LD Long Drop

LHC Left Hand Cylinder

L/H Left Hand

NSS Not Sold Separately

ORF O-ring Female

ORM O-ring Male

PF Pipe Female

PM Pipe Male

QDC Quick Disconnect

RHC Right Hand Cylinder

R/H Right Hand

SHCS Socket Head Cap Screw

SHSB Socket Head Shoulder Bolt

SS Stainless Steel

STD Standard Port

ZP Zinc Plated

Quick List

2013 Apache Filters, Hydraulic Cylinders, Seal Kits and Belts

Filters

ET Part Number	Description	Vendor	Vendor Part Number	Apache Model
201450241	Engine Oil Filter	Fleetguard	LF3970	All Models
201450242	Engine Fuel Filter	Fleetguard	FS19732	All Models except AS1025
201450303	Engine Fuel Filter, Primary	Cummins	FS1065	AS1025 Only
201450243	Engine Fuel Filter	Cummins	3978040	All Models except AS1025
201450304	Engine Fuel Filter, Secondary	Cummins	FS5632	AS1025 Only
201300116	Air Filter, Primary	Donaldson	P608676	All Models except AS1025
201300140	Air Filter, Primary	Cummins	AF55005	AS1025 Only
201300117	Air Filter, Secondary	Donaldson	321925753	All Models except AS1025
201300141	Air Filter, Secondary	Cummins	AF55308	AS1025 Only
300000101	Transmission Filter	Filter ITL(JCB)	581/18092	AS720
310100001	Transmission Filter (ZF)	Cross not available		AS1020 and 1220
880000026	Hydraulic Filter	Cross not available		All Models
840000010	Hydraulic Strainer (In Tank)	Cross not available		All Models
490003651	Cab Charcoal Filter	Cross not available		All Models
490006661	Cab Recirculation Filter	Cross not available		All Models
201450291	Fuel Filter (In Line)	Cross not available		All Models
201450001	Fuel Tank Strainer	Cross not available		All Models
201450306	Crankcase Breather	Cummins	CV52001	AS1025 Only

Hydraulic Cylinders and Seals

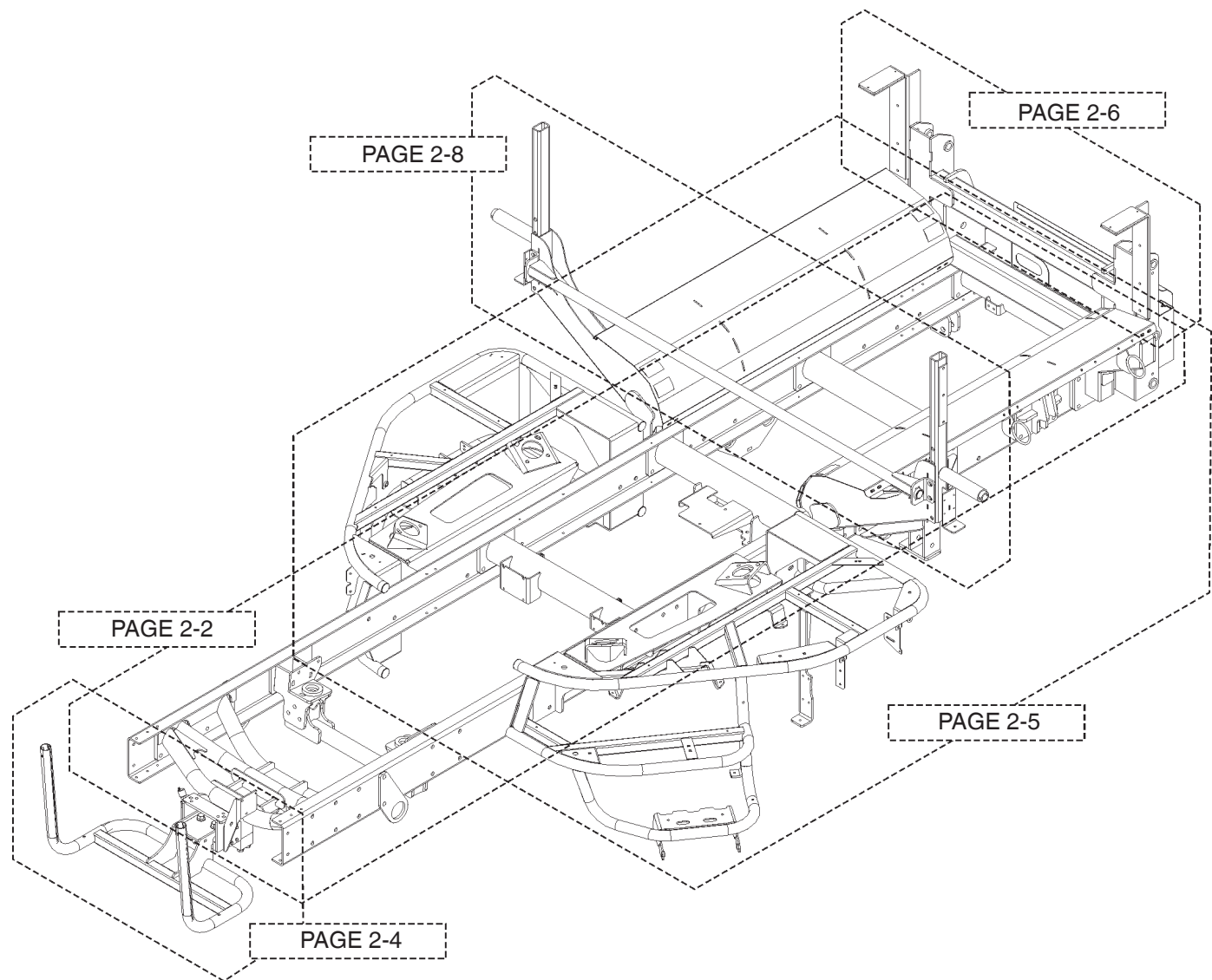
ET Part Number	Description	Seal Kit Part Number	Apache Model
600901510	Boom tilt up/down	600901515	All Models
600901510	Boom fold in/out	600901515	All Models
600901511	Boom tip in/out	600901516	All Models
600901406	Boom Rack up/down	600901408	All Models
100106052	Rear Suspension Leveling (small)	100106056	All Models
100106063	Rear Suspension Load (large)	100106065	All Models
850000124	Ladder Cylinder	Kit not available	All Models
850000129	Steering Cylinder (Adjustable axle)	850000132	All Adjustable Axle Machines
850000130	Steering Cylinder (Fixed Axle)	Kit not available	All Fixed Axle Machines
100106514	Front Strut	100106515	All Models

Note: Part Numbers are stamped into the barrel of all cylinders on 2012 Apaches.

Belts

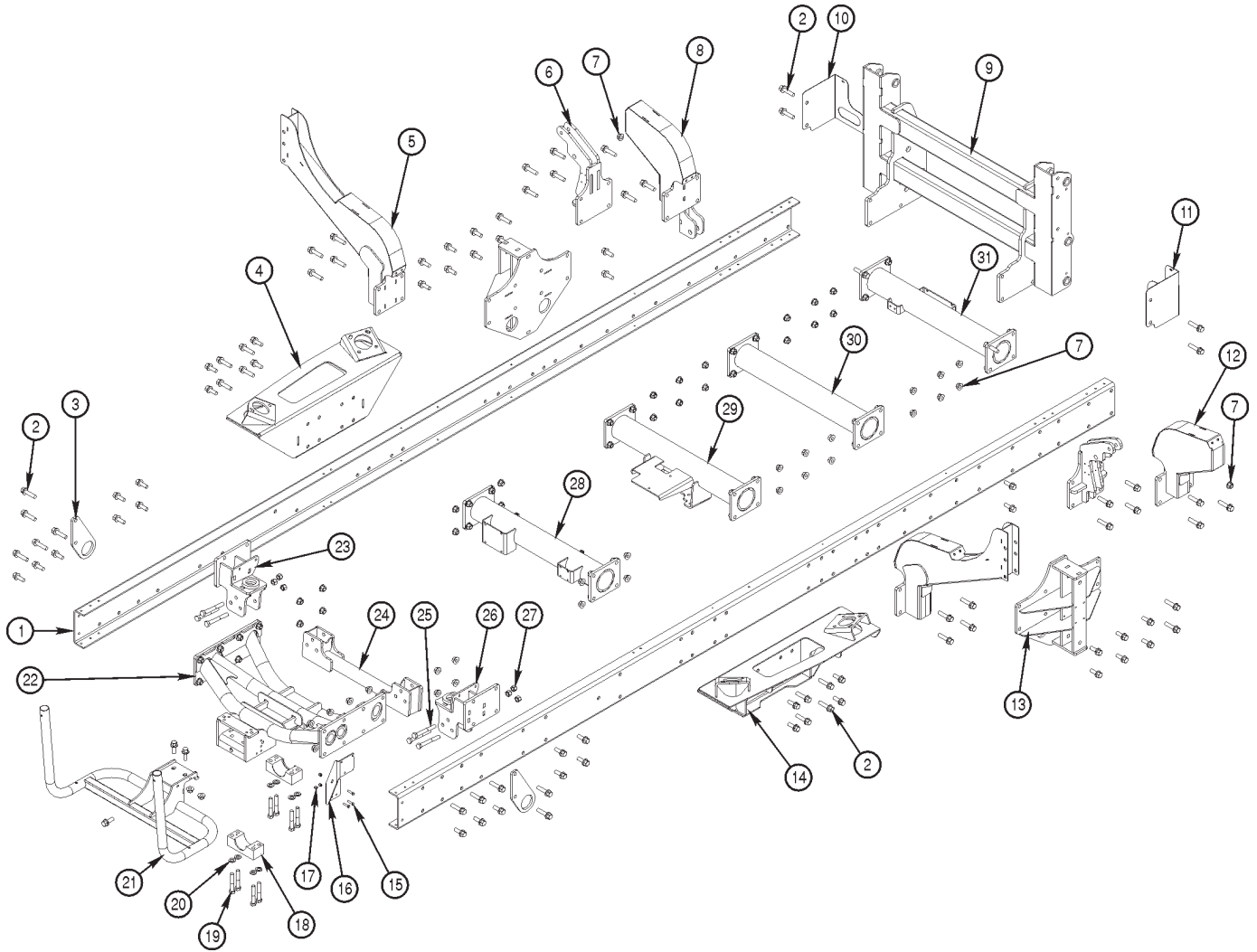
ET Part Number	Description	Vendor	Vendor Part Number	Apache Model
200100034	Serpentine Belt	Cummins	3289963	All Models
				

Chassis
Section Overview
All Models



Frame Rails

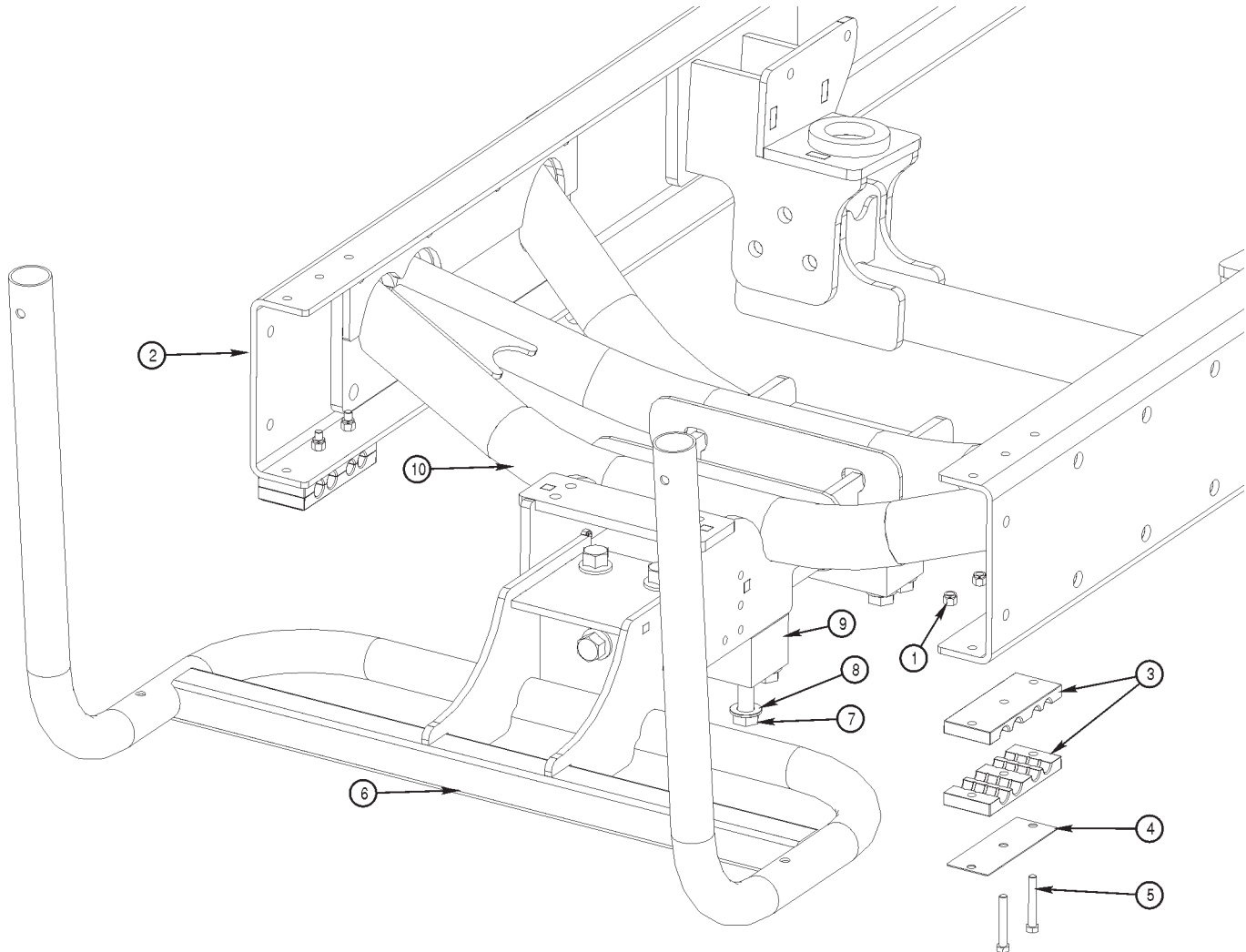
All Models



Item	Part Number	Qty	Description	Comments
1	100100030	2	Frame Rail 2011	
2	100100006	A/R	Bolt, 3/4-10 x 2" G8 Salt Bath	
2A	100100007	A/R	Bolt, 3/4-10 x 2 1/2" G8 Salt Bath	
2B	100100008	A/R	Bolt, 3/4-10 x 3" G8 Salt Bath	
2C	100100010	A/R	Bolt, 3/4-10 x 3 1/2" G8 Salt Bath	
3	100108005	2	Bracket, Tie down	
4	100100661	1	Support, Cab, Right	
5	601000053	2	Support, Boom, Front Lower	
6	100108024	2	Suspension, Cylinder Bracket	
7	100100005	A/R	Nut, 3/4-10 G8 Salt Bath	
8	601000056	1	Support, Tank, Rear R/H	
9	150000002	1	Back Rack, 2013	
10	100108007	1	Cover, R/H Bracket Rear Frame	
11	100108008	1	Cover, L/H Bracket Rear Frame	
12	601000057	1	Support, Tank, Rear L/H	
13	100108023	2	Suspension, Torque arm Bracket	
14	100100660	1	Support, Cab, Left	
15	900002835	3	Bolt, HHCS 3/8-16 x 1 1/2 G5 ZP	
16	100100117	1	Bracket, Fan Block 2012	
17	901003020	3	Nut, Nylock 3/8-16 ZP	
18	100105239	2	Bearing, Carrier, Lower	
19	900011877	8	Bolt	
20	902000100	8	Washer	
21	201200145	1	Support Frame, Radiator	
22	100105238	1	Bolster, Engine	
23	100100120	1	Engine To Frame Mount RH T3/T4	
24	100100122	1	Crossmember Engine Mount T3/T4	
25	900004013	6	Bolt, HHCS 3/4-10 x 6 G5 ZP	
26	100100121	1	Engine To Frame Mount LH T3/T4	
27	901003074	6	Nut, Nylock 3/4-10	
28	100100115	1	Frame Cross Member, Front 2012	
29	100100106	1	Frame Cross Member,Hydraulic Tank	
30	100100103	1	Frame Cross Member	
31	100100116	1	Frame Cross Member, Rear 2012	
	700000570	1	Jumper Coil Suppression	Not shown

Hose Clamp

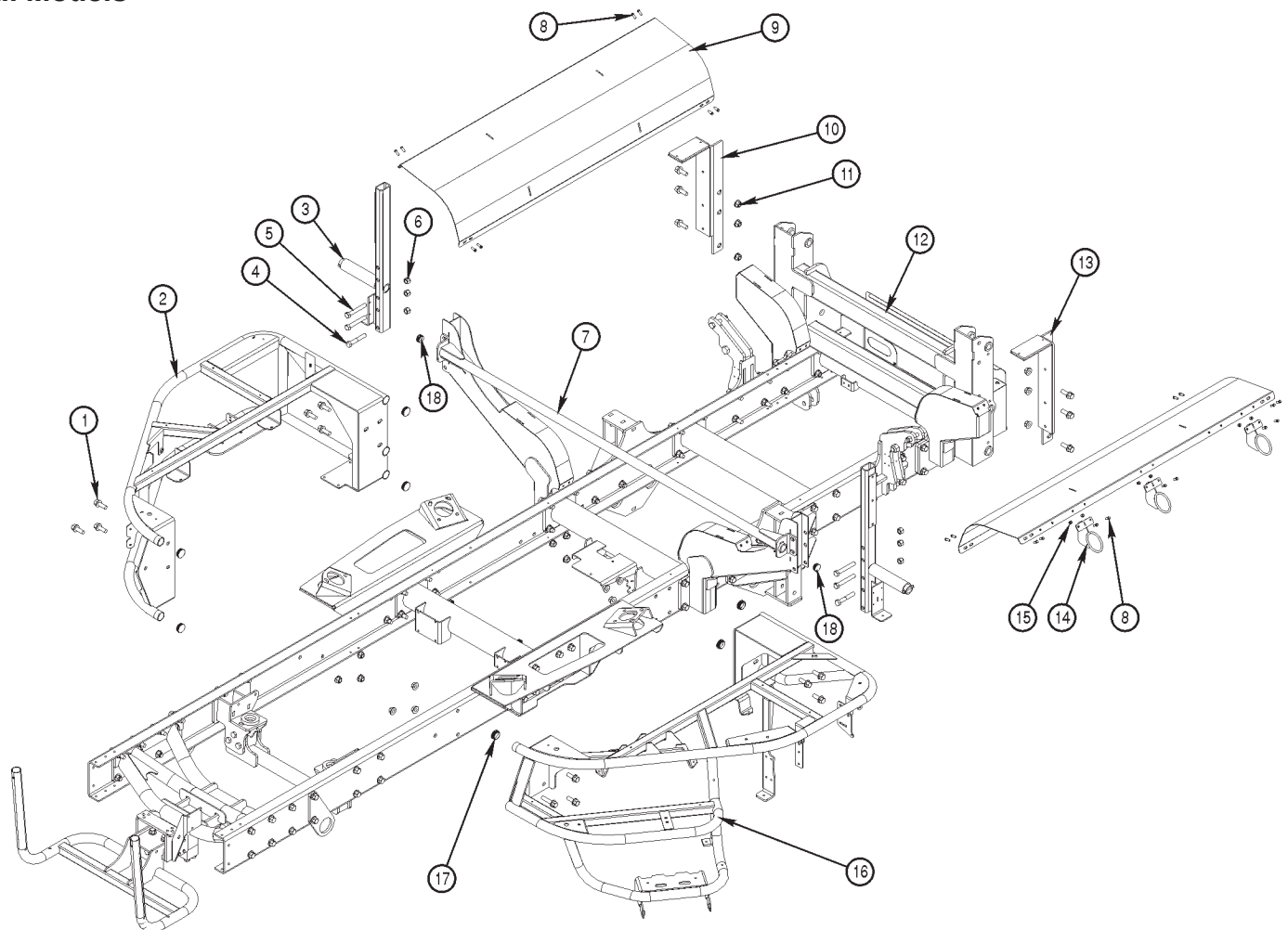
All Models



Item	Part Number	Qty	Description	Comments
1	901003020	4	Nut, Nylock 3/8-16 ZP	Qty 2 for Fixed Axles (only uses left side clamp)
2	100100030	2	Frame Rail	
3	890000002	4	Retainer, Hydraulic Hose, Frame	Qty 2 for Fixed Axles (only uses left side clamp)
4	890000003	2	Retainer Cap Plate, Hydraulic Hose	Qty 1 for Fixed Axles (only uses left side clamp)
5	900002855	4	Bolt, HHCS 3/8-16 x 2 1/2 G5 Z	Qty 2 for Fixed Axles (only uses left side clamp)
6	201200145	1	Support Frame, Radiator	
7	900011877	8	Bolt, HHCS 3/4-16 x 4 1/2 G8 Z	
8	902000100	8	Washer, Flat 3/4" G8	
9	100105239	2	Bearing, Carrier Lower	
10	100105238	1	Bolster, 2011	

Outriggers

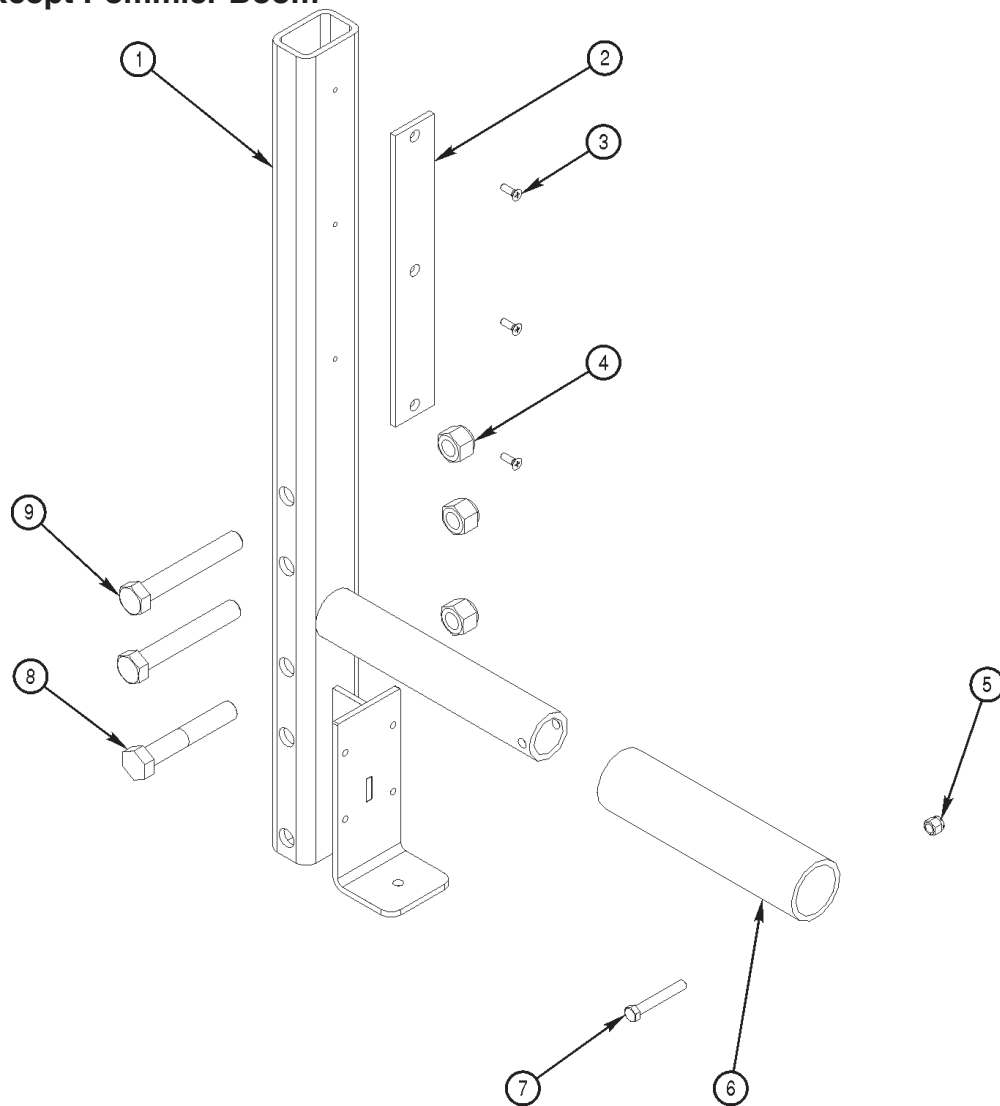
All Models



Item	Part Number	Qty	Description	Comments
1	100100006	A/R	Bolt, 3/4-10 x 2" G8 Salt Bath	
1A	100100007	A/R	Bolt, 3/4-10 x 2 1/2" G8 Salt Bath	
1B	100100008	A/R	Bolt, 3/4-10 x 3" G8 Salt Bath	
1C	100100010	A/R	Bolt, 3/4-10 x 3 1/2" G8 Salt Bath	
2	100100663	1	Outrigger Frame, R/H	
3	601000054	2	Support, Boom, Front Upper	
4	900006675	2	Bolt, HHCS 3/4-16 x 5 G5 ZP	
5	900006665	4	Bolt, HHCS 3/4-16 x 4 1/2 G5 ZP	
6	901003075	6	Nut, Nylock 3/4-16 ZP	
7	601000061	1	Cross Bar, Product tank support	
8	900106537	32	Bolt, 3/8-16 x 1" Flanged Head Salt Bath	
9	601000055	2	Support, Tank, Side	
10	601000058	1	Rinse Tank Hold Down, R/H	
11	100100005	A/R	Nut, 3/4-10 G8 Salt Bath	
12	150000002	1	Back Rack, 2013	
13	601000059	1	Rinse Tank Hold Down, L/H	
14	690000304	3	Retainer, Product hose	
15	901003020	6	Nut, Nylock 3/8-16 ZP	
16	100100662	1	Outrigger Frame, L/H	
17	936000001	7	Plug 2" Dia x 10-14 Gauge Tube	
18	936000006	2	Plug 1-5/8" Dia.	

Boom Support

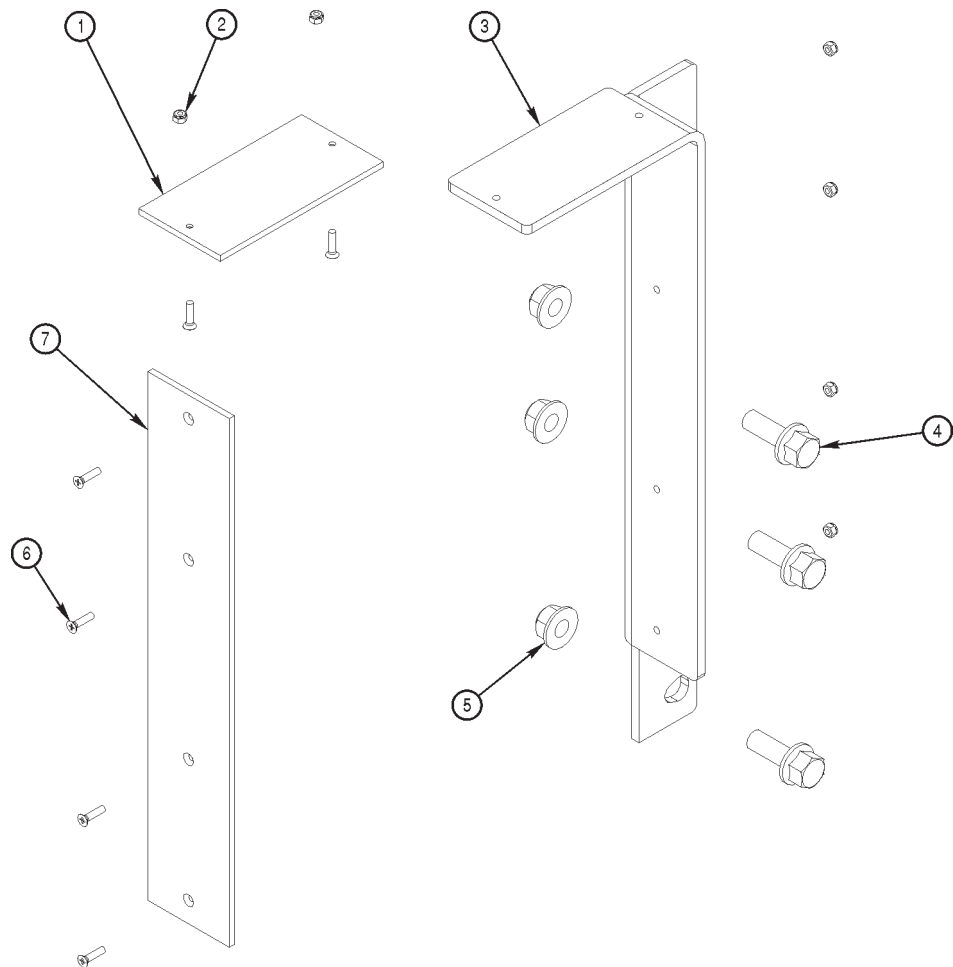
All Models Except Pommier Boom



Item	Part Number	Qty	Description	Comments
1	601000054	2	Support, Boom, Front Upper	
2	690000023	2	UHMW, Flat, Front Boom Upper	
3	900000020	6	Screw, 1/4-20 x 3/4 PH Flat Head Machine	
4	901003075	6	Nut, Nylock 3/4-16 ZP	
5	901003020	2	Nut, Nylock 3/8-16 ZP	
6	690000022	2	UHMW, Round, Front Boom Upper	
7	900002855	2	Bolt, HHCS 3/8-16 x 2 1/2 G5 ZP	
8	900006675	2	Bolt, HHCS 3/4-16 x 5 G5 ZP	
9	900006665	4	Bolt, HHCS 3/4-16 x 4 1/2 G5 ZP	

Rinse Tank Hold Down Bracket

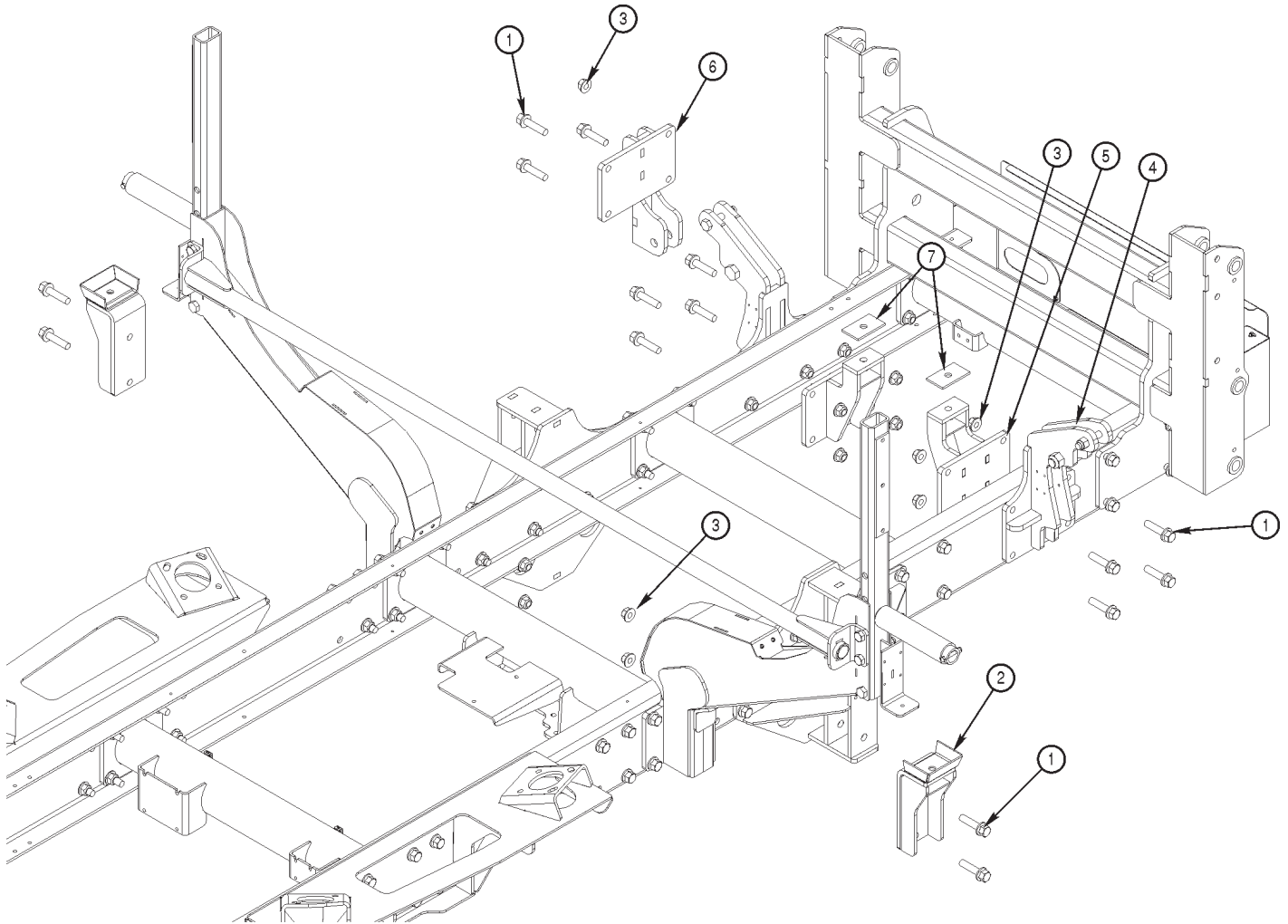
All Models



Item	Part Number	Qty	Description	Comments
1	690000025	2	UHMW, Flat, Rinse Hold Down Top	
2	901003000	12	Nut, Nylock 1/4-20 ZP	
3A	601000058	1	Rinse Tank Hold Down, R/H	
3B	601000059	1	Rinse Tank Hold Down, L/H	
4	100100006	6	Bolt, 3/4-10 x 2 G8 Salt Bath	
5	100100005	6	Nut, 3/4-10 Salt Bath	
6	900000019	12	Screw, 1/4-20 x 1" PH Flat Head Machined	
7	690000024	2	UHMW, Flat, Rinse Hold Down Upright	

Stainless Steel Tank Support

All Models

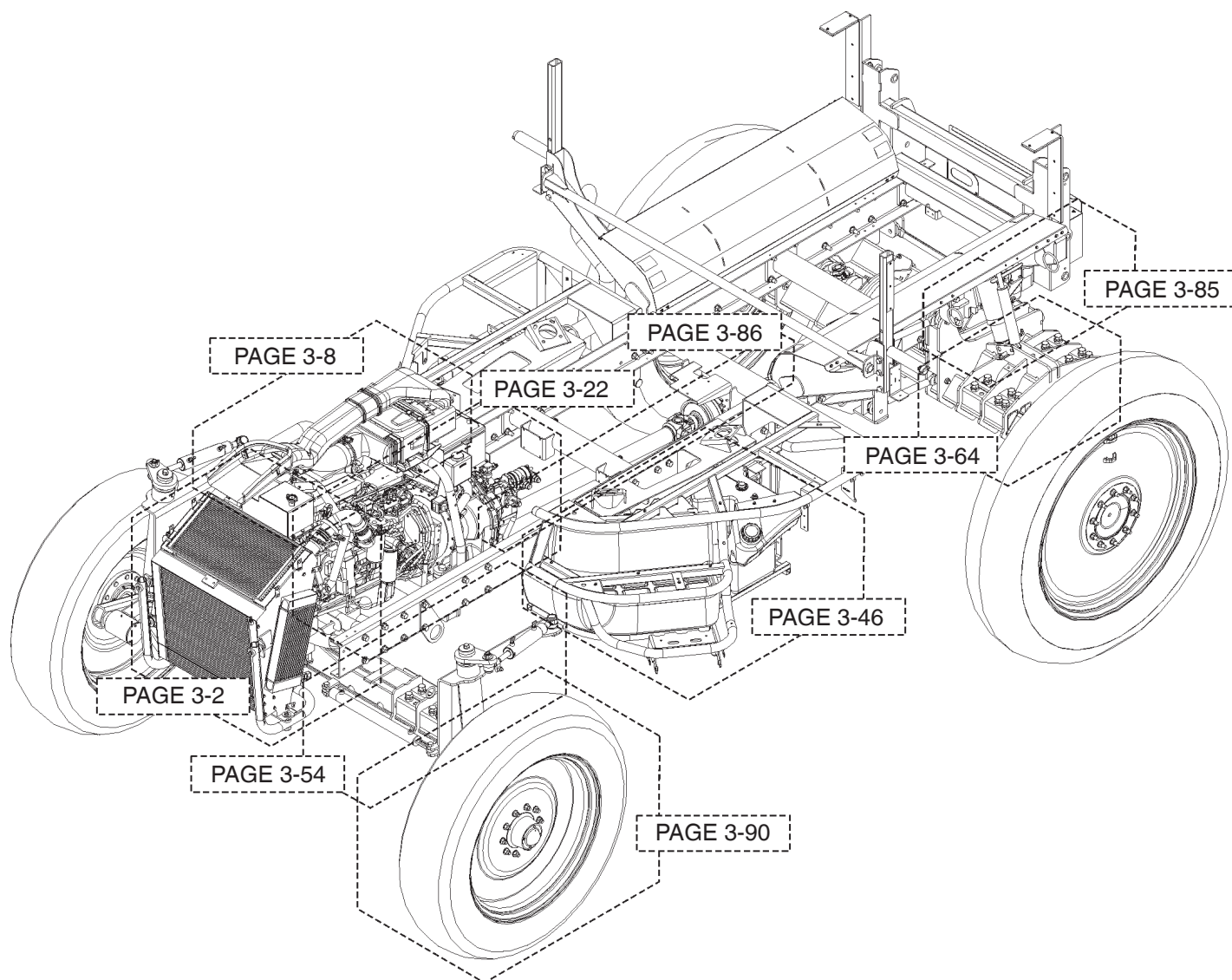


Item	Part Number	Qty	Description	Comments
1	100100010	A/R	Bolt, 3/4-10 X 3 1/2 Salt Bath	
2	601000062	2	Support, SS Tank, Front	
3	100100005	A/R	Nut, 3/4-10 Salt Bath	
4	100108024	2	Suspension, Cylinder Bracket	
5	601000063	2	Support, SS Tank, Rear	
6	100108072	1	Mount, Tracking Bar SS Tank	
7	690000026	2	Pad, SS Tank 2011	

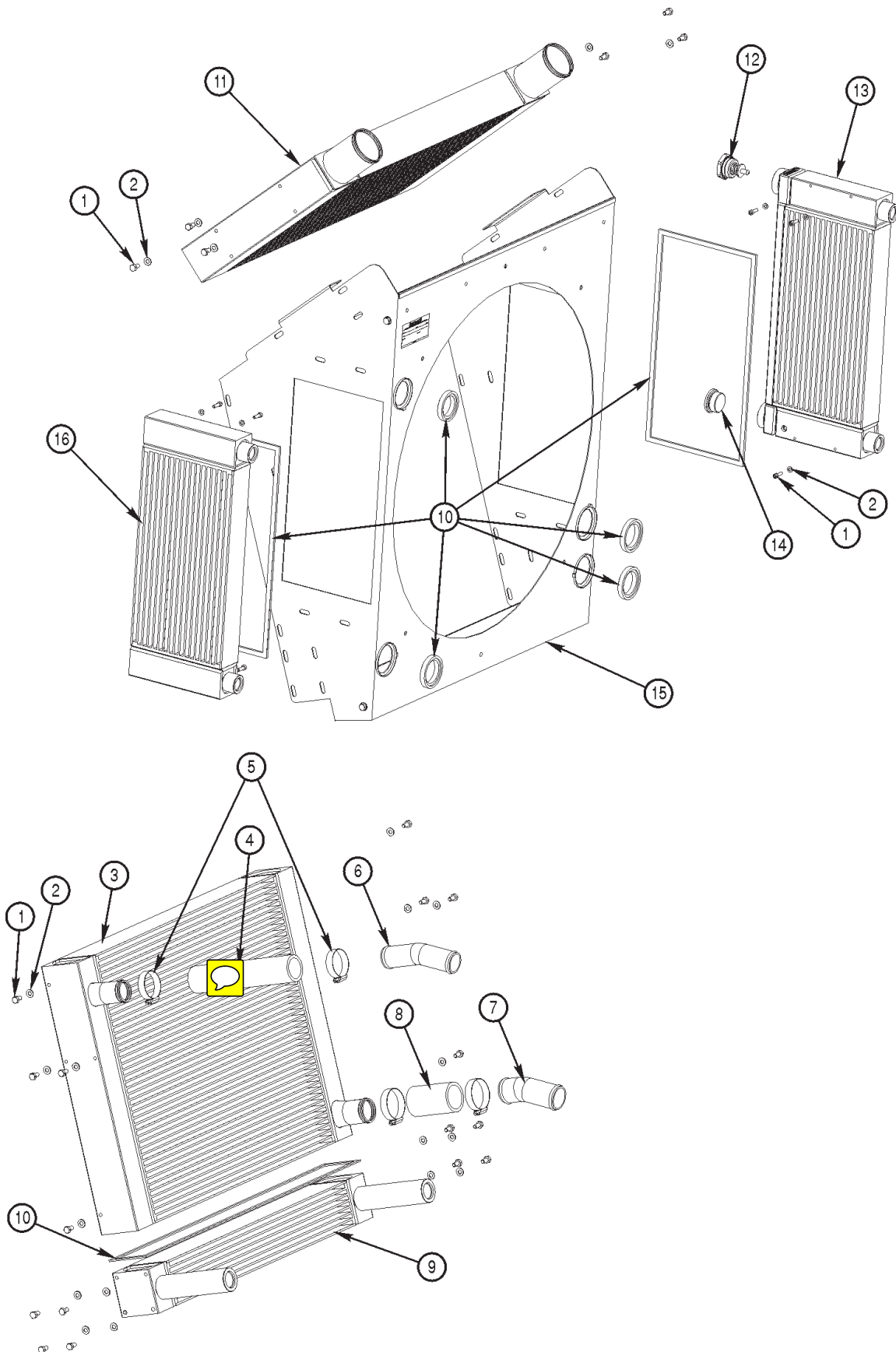
Drivetrain

Section Overview

All Models

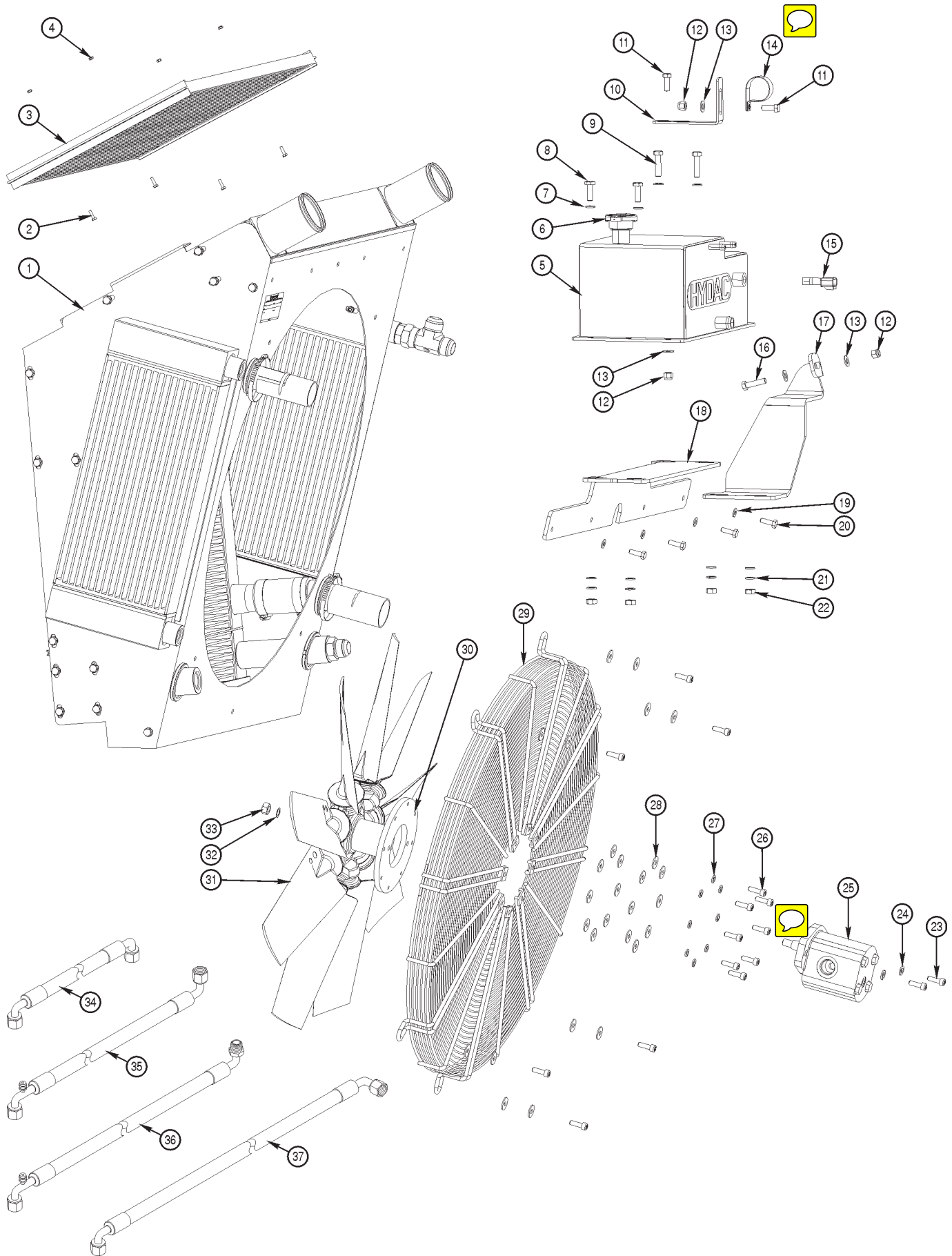


Cooling Package



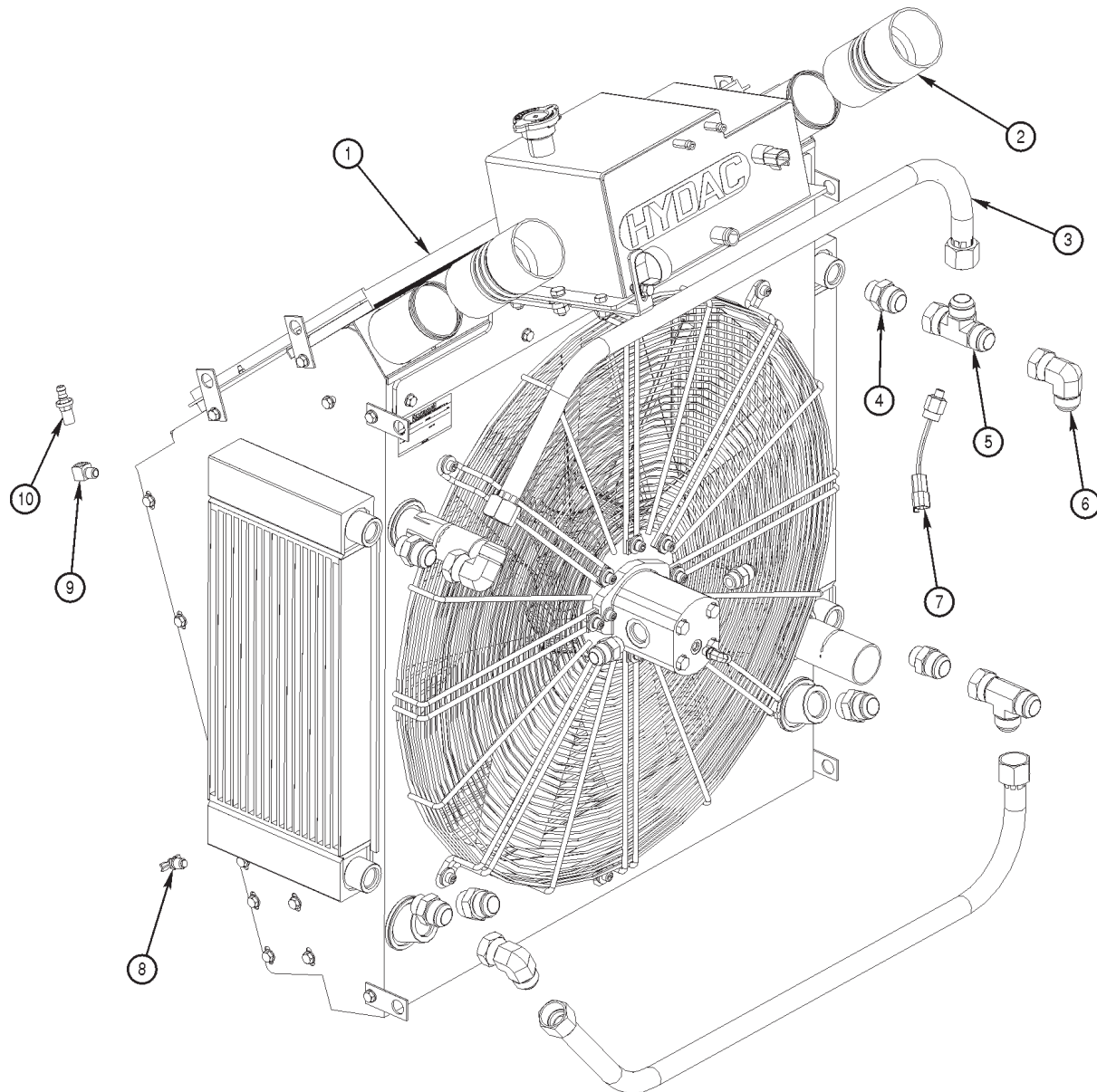
Item	Part Number	Qty	Description	Comments
1	900100304	A/R	Bolt, M8 x 16 G8	
2	900100303	A/R	Washer, Flat M8	
3	201200164	1	Radiator, Cooling Package	
4	201200165	1	Hose, 1.75 x 10"	
5	915001303	8	Clamp, Screw #32 38-62 mm	
6	201200166	1	Pipe, 1.75" Angled Connector	
7	201200168	1	Pipe, 2" Angled Connector	
8	201200167	1	Hose, 2" x 4 "	
9	201200173	1	Cooler, Hydraulic	
10	490100000	A/R	Sponge, Rubber 1" W x 1/4"Thick	
11	201200174	1	Cooler, Charge Air	
12	201200171	1	Valve, Temperature Bypass	
13	201200170	1	Cooler, Transmission R/H	
14	201200172	1	Plug, Trans Cooler	
15	201200175	1	Housing, Cooling Package	
16	201200169	1	Cooler, Transmission L/H	

Cooling Package (cont.)



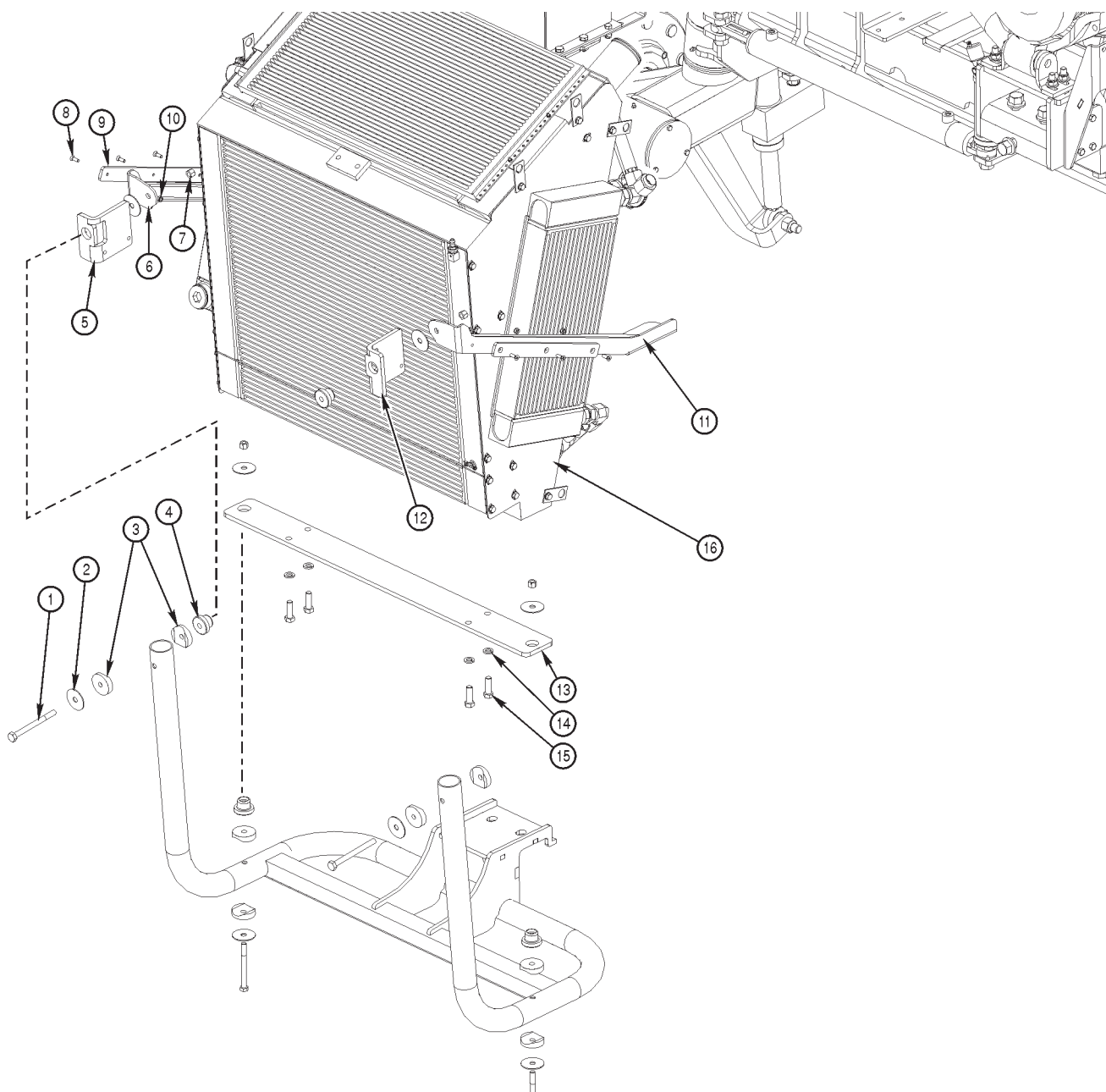
Item	Part Number	Qty	Description	Comments
1	201200175	1	Housing, Cooling Package	
2	900106534	4	Bolt, 10-32 x 3/4	
3	201200161	1	Condenser, Cooling Package	
4	901002900	4	Nut, Nylock 10-32	
5	201200181	1	Tank, Expansion	
6	201200182	1	Cap, Expansion Tank, 16 PSI	
7	902100101	8	Washer, Flat M10	
8	900100005	2	Bolt, HHCS m10 x 1.5 x 30	
9	930000008	2	Bolt, HHCS M10 x 1.5 x 40	
10	201200155	1	Bracket, Radiator Tube Upper 2011/12	
11	900002815	2	Bolt, HHCS 3/8-16 x 1 G5 ZP	
12	901003020	2	Nut, Nylock 3/8-16 ZP	
13	902003200	2	Washer, Flat 3/8 G5 ZP	
14	915002903	1	Band, Insulated 1 3/4"	
15	700100131	1	Sensor, Coolant Level	AS720, AS1020 And AS1220
15A	750000006	1	Sensor, Coolant Level, 3 wire T4	AS1025 Only
16	900002835	1	Bolt, HHCS 3/8-16 x 1 1/2	
17	210000000	1	Support Intake Cold Air	
18	201200180	1	Bracket, Expansion Tank	
19	900100303	4	Washer, Flat M8	
20	900108611	12	Bolt, SHCS M8 x 1.25 x 24	
21	902100100	4	Washer, Lock M10	
22	901100736	4	Nut, Hex M10 x 1.5	
23	900108670	2	Bolt, SHCS M10 x 1.5 x 30	
24	902100100	2	Washer, Lock M10	
25	201200185	1	Fan Motor, Hydraulic	
26	900100301	8	Bolt, HHCS M8 x 1.25 x 25	
27	900100302	8	Washer, Lock M8	
28	900100304	36	Washer, Flat 5/16" ZP	
29	201200178	1	Grill, Fan	
30	201200177	1	Mount, Fan Motor	
31	201200184	1	Fan	
32	901000547	1	Machine Bushing, 1" x 0.610	
33	931000035	1	Nut, M12 x 1.5	
34	420110011	1	Hose, A/C #6 x 44 mm	Condenser to Drier
35	420110010	1	Hose, A/C #8 x 80 mm	Compressor to Condenser
36	420110013	1	Hose, A/C #10 x 136 mm	Evaporator to Compressor
37	420110012	1	Hose, A/C #6 1x 74 mm	Drier to Evaporator

Cooling Package (cont.)



Item	Part Number	Qty	Description	Comments
1	201200183	1	Cooling Package, Hydac	
2	201200007	4	Coupler, Nomex 3.00"ID 6" Long	
3	201200163	2	Tube, Cooler Crossover	
4	800302133	4	Fitting, 16 FLM x 12 ORB	
5	800302495	1	Fitting, 16 JIC Run Tee W/ 4 ORB Port	
6	800302134	3	Fitting, 16 FLF x 16 FLM 90	
7	700020112	1	Switch, Temp NC 200F 1/4 ORB	
8	201200060	1	Petcock, Radiator 1/4 NPT	
9	800302137	1	Fitting, 90 Street Elbow 1/4 NPT	
10	800302161	1	Fitting, 4PM x 6HB	

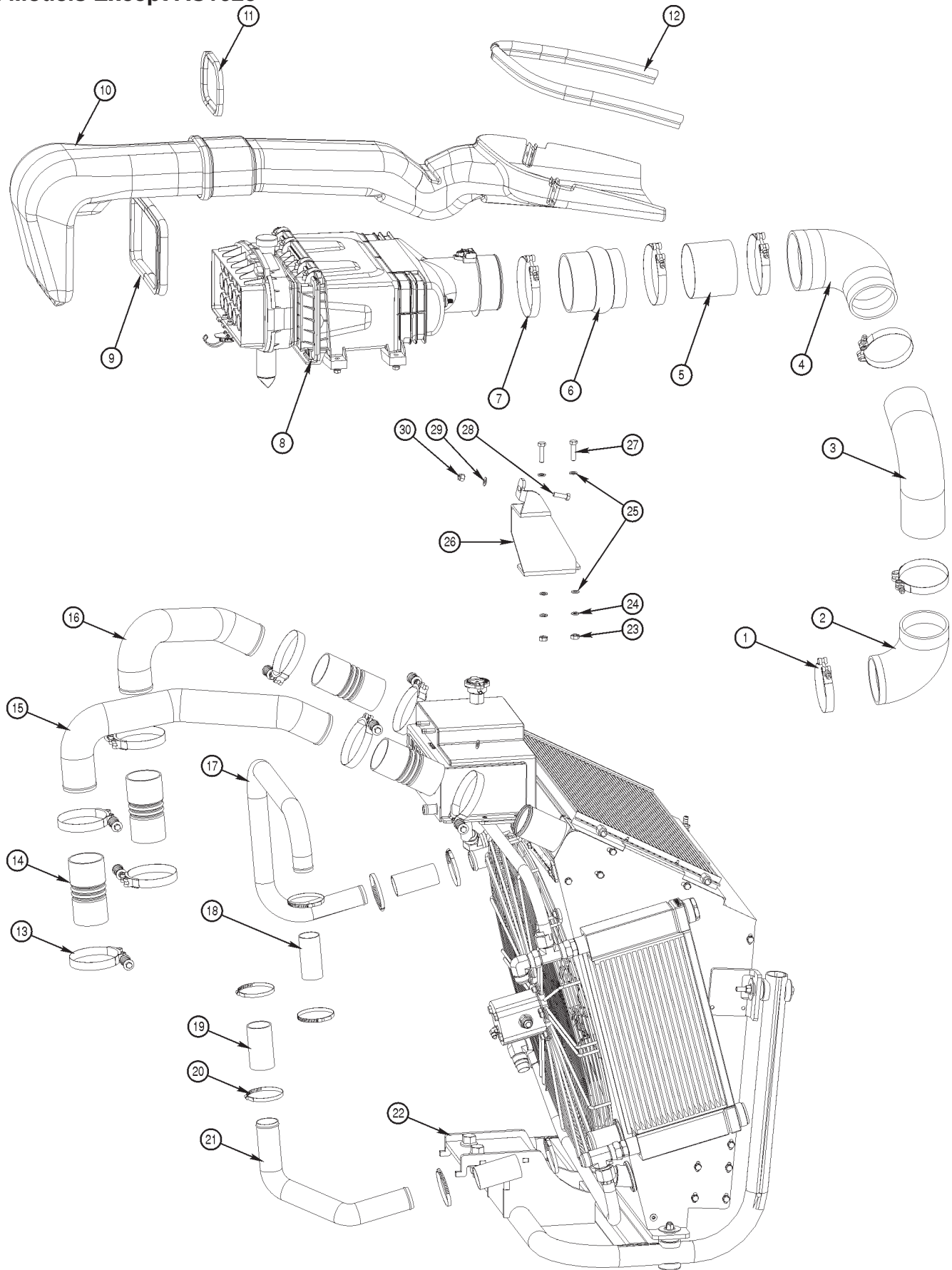
Cooling Package (cont.)



Item	Part Number	Qty	Description	Comments
1	902201109	4	Bolt, HHCS 7/16-14 x 5"	
2	902002050	8	Washer, Fender 1/2 x 2" ZP	ID 17/32" x OD 2"
3	201200147	8	Bushing, Radiator Support	
4	490002610	4	Isolator, Radiator	
5	201200149	1	Support upper R/H Radiator	
6	160000000	1	Support Frame RH Radiator	
7	902201108	4	Nut, Nylock 7/16-14	
8	900000020	6	Screw, 1/4-20 x 3/4 PH Flat HD	
9	450000030	2	UHMW Pad Radiator Support Frame	
10	901003000	6	Nut Nylock 1/4-20 ZP	
11	160000001	1	Support Frame LH Radiator	
12	201200148	1	Support upper L/H Radiator	
13	201200146	1	Support, Lower Radiator	
14	902201100	4	Washer, Lock 1/2"	
15	900003245	4	Bolt, HHCS 1/2-13 x 1 1/2 G5 ZP	
16	201200183	1	Cooling Package, Hydac	All Models

Engine Intake Air and Cooling Piping

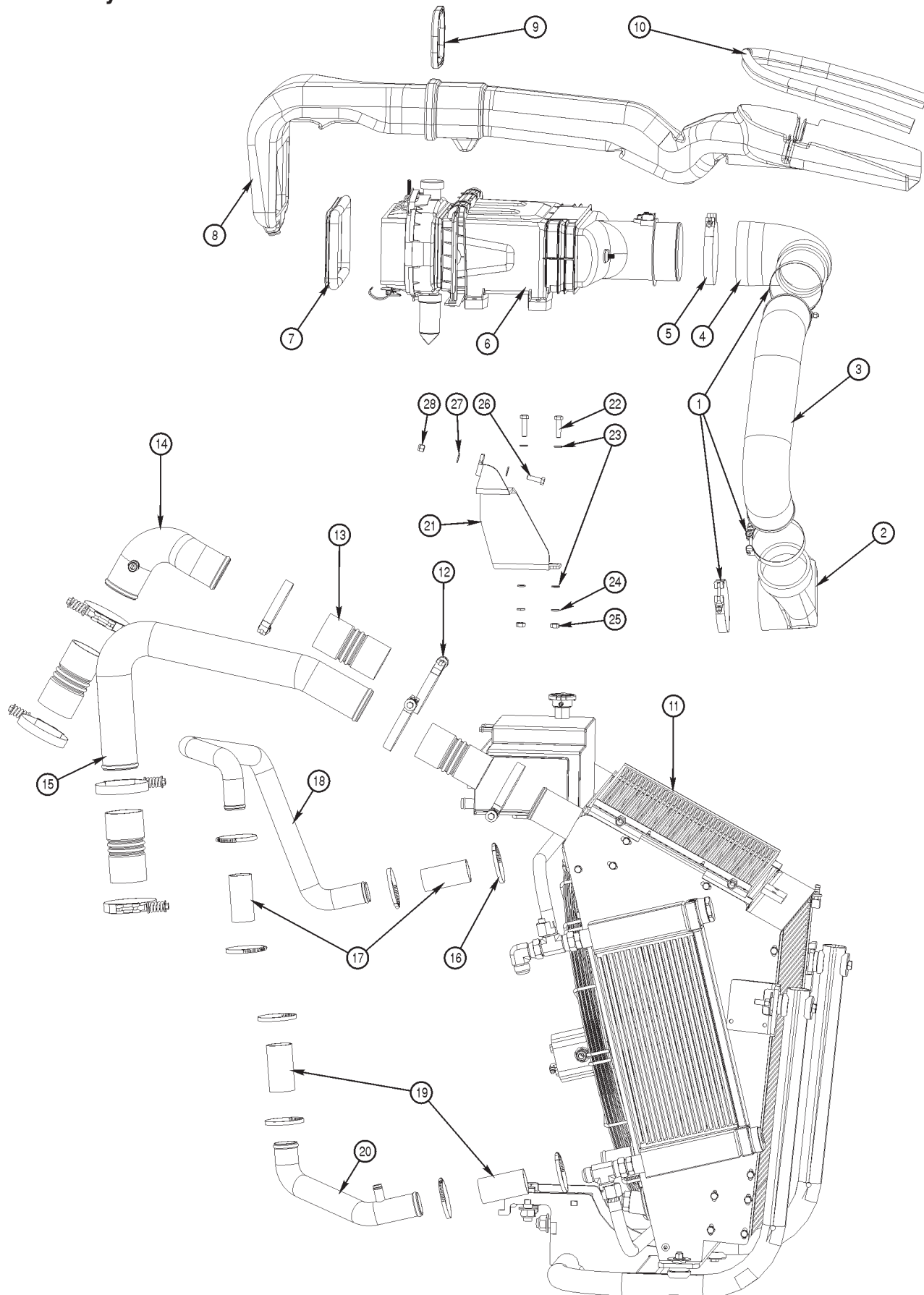
All Models Except AS1025



Item	Part Number	Qty	Description	Comments
1	201300001	3	Clamp, T-bolt 4" Dia.	
2	201300060	1	Elbow 90 DEG 4" Dia.	
3	201200144	1	Tube, Intake	
4	201300071	1	Elbow 90 DEG 5" - 4" Dia.	
5	201300136	1	Pipe, 5" Connector 4" Long	
6	201300124	1	Hose, Hump 5" Straight	
7	201300002	3	Clamp, T-bolt 5" Dia.	
8A	201300122	1	Air Cleaner, Donaldson 800 CFM	Primary Filter 201300116. Secondary Filter 201300117.
8B	201300108	1	Cover, Air Filter	Included with P/N 201300122
9	201300134	1	Seal, Intake Adapter	2.75 ft
10	201300129	1	Intake, Cold Air	
11	201300133	1	Seal, Intake Expansion	1.75 ft
12	201300132	1	Seal, Inlet Cowl	3.25 ft
13	201200008	8	Clamp, Nomex 3.00"	
14	201200007	4	Coupler, Nomex 3.00"ID 6" Long	
15	201200140	1	Tube, CAC Inlet	
16	201200141	1	Tube, CAC Outlet	
17	201200142	1	Tube, Radiator Upper	
18	520400104	1	Hose, 1.75" Silicone	Two 4" pieces are used
19	201199098	1	Hose, 2" Silicone	Two 4" pieces are used
20	915001303	8	Clamp, Screw #32 38-62 mm	
21	201200143	1	Tube, Radiator Lower	
22	201200145	1	Support Frame, Radiator	
23	901100736	2	Nut, Hex M10 x 1.5	
24	902100100	2	Washer, Lock M10	
25	902100101	4	Washer, Flat M10	
26	210000000	1	Support Intake Cold Air 2013	
27	930000008	2	BOLT, HHCS M10 x 1.5 x 40	
28	900002825	1	Bolt HHCS 3/8-16 x 1 1/4 G5 Z	
29	902003200	1	Washer Flat 3/8 G5 ZP	
30	901003020	1	Nut, Nylock 3/8-16 ZP	
	201300095	1	Indicator, Air Cleaner	Not shown

Engine Intake Air and Cooling Piping (cont.)

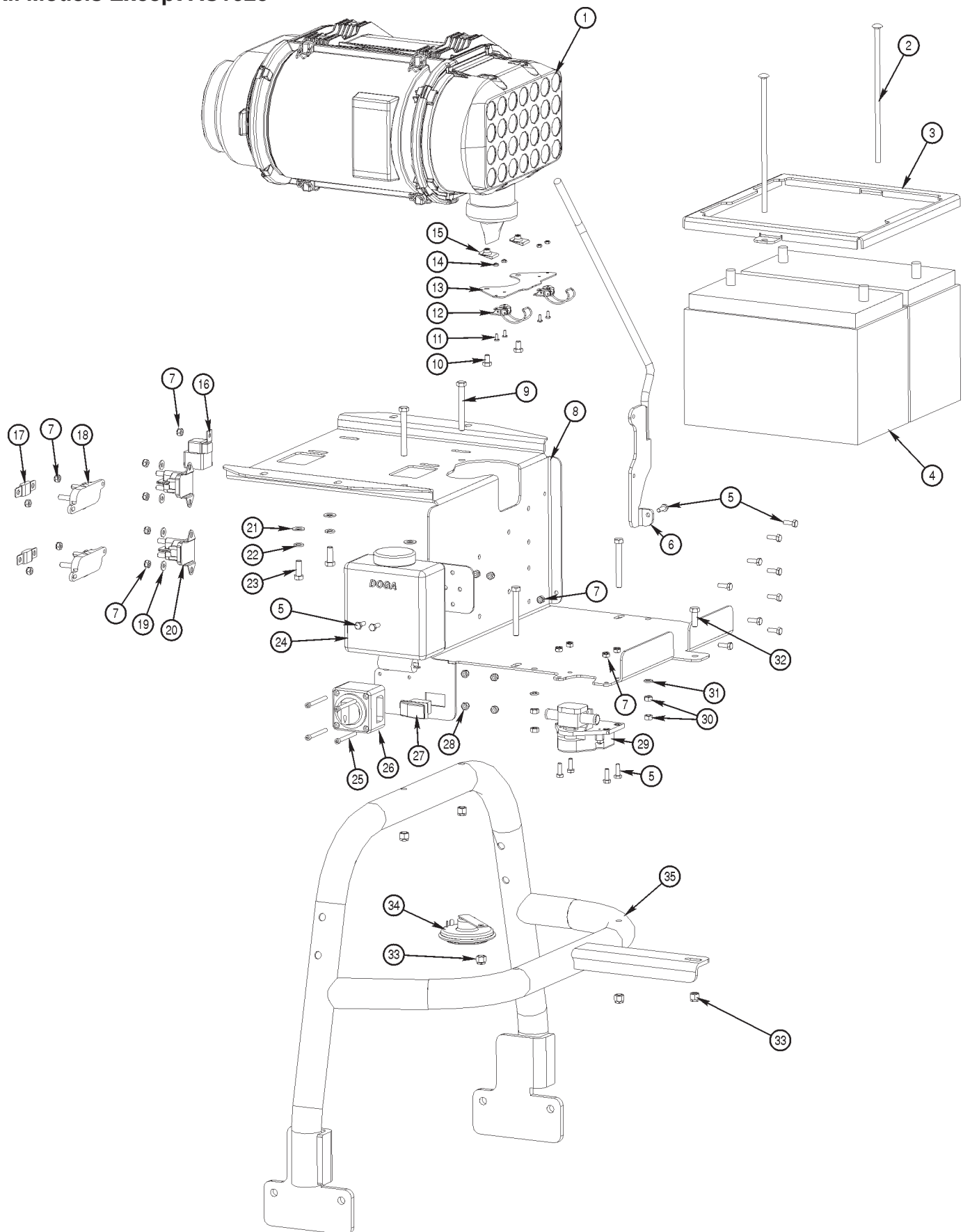
AS1025 Only



Item	Part Number	Qty	Description	Comments
1	201300001	3	Clamp, T-bolt 4" Dia.	
2	201300120	1	Elbow, 90 Cobra-Head 4"	
3	201200186	1	Tube, Intake T4i 2012	
4	201300071	1	Elbow 90 DEG 5" - 4" Dia.	
5	201300002	1	Clamp, T-Bolt 5" Dia	
6	201300121	1	Air Cleaner Assembly, Direct Flow	Primary filter P/N 201300140; Secondary filter P/N 201300141
7	201300134	1	Seal ,Intake adapter	
8	201300142	1	Intake, Cold air, T4i	
9	201300133	1	Seal, Intake expansion	
10	201300132	1	Seal, Inlet Cowl	
11	201200183	1	Cooling Package	Starting with S/N 9110397. If ordering for a S/N prior - must also order 1 of P/N 800302497
12	201200008	8	Clamp, Nomex 3.00"	
13	201200007	4	Coupler, Nomex 3.00"ID x 6" long	
14	201200188	1	Tube, CaC Return T4i 2012	
15	201200187	1	Tube, CaC Supply T4i 2012	
16	915001303	8	Clamp, Screw #32 38-62 mm	
17	520400104	2	Hose, 1.75" Silicone	Two 4" pieces are used. Ordered in inches
18	201200189	1	Tube, Radiator Upper T4i 2012	
19	201199098	2	Hose, 2" Silicone	Two 4" pieces are used. Ordered in inches
20	201200190	1	Tube, Radiator Lower T4i 2012	
21	210000000	1	Support Intake Cold Air 2013	
22	930000008	2	Bolt, HHCS M10 x 1.5 x 40	
23	902100101	4	Washer, Flat M10	
24	902100100	2	Washer, Lock M10	
25	901100736	2	Nut, Hex M10 x 1.5	
26	900002825	1	Bolt HHCS 3/8-16 x 1 1/4 G5 Z	
27	902003200	2	Washer Flat 3/8 G5 ZP	
28	901003020	1	Nut, Nylock 3/8-16 ZP	
	750000007	1	Sensor, CAC Temp	Not shown

Firewall

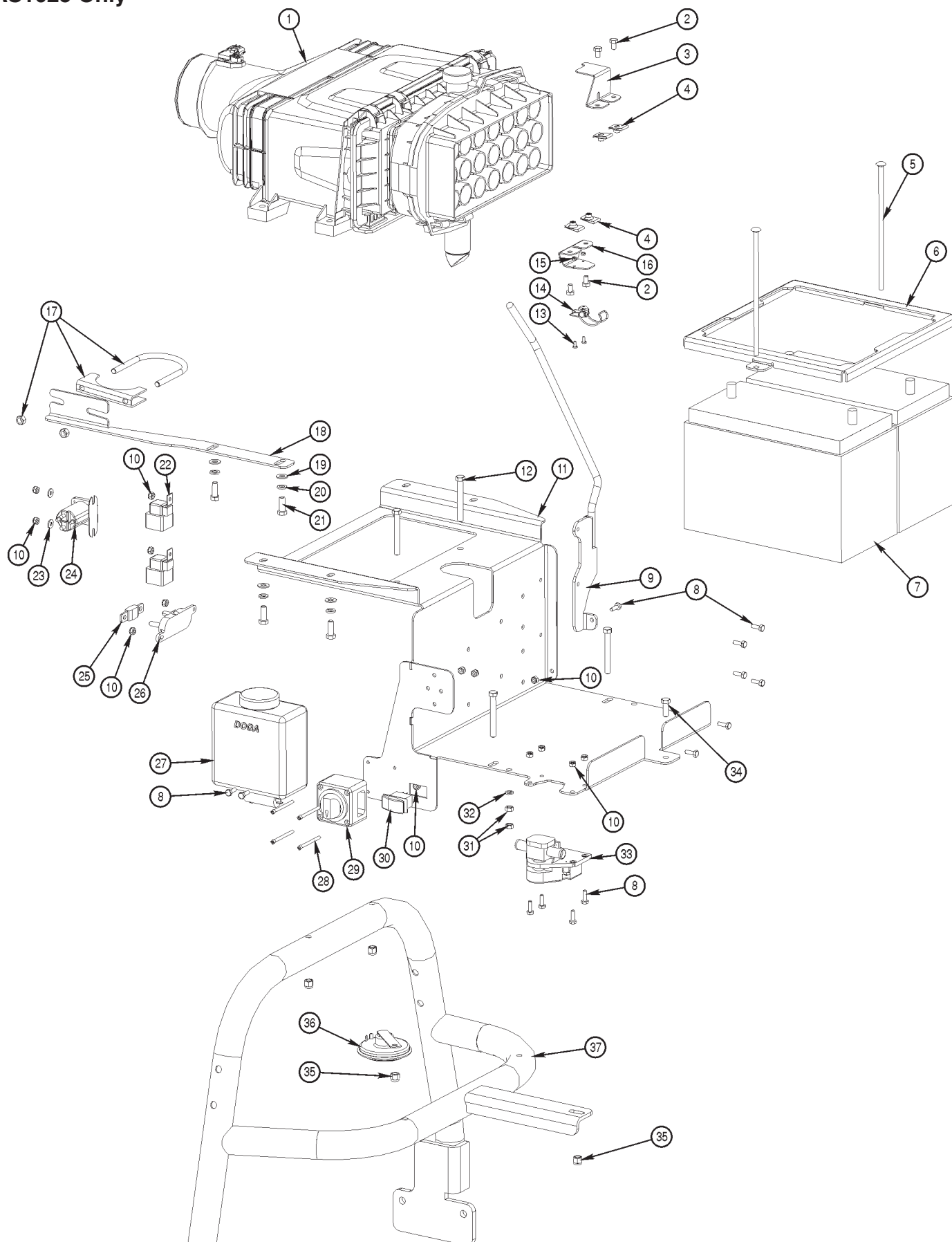
All Models Except AS1025



Item	Part Number	Qty	Description	Comments
1	201300122	1	Air Cleaner, Donaldson 800 CMF	
2	900032036	2	Bolt, Carriage 5/16-18 x 9"	
3	290000803	1	Bracket, Battery Hold Down	
4	720000000	2	Battery, 12V Post HDC	
5	900002395	16	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
6	450000024	1	Hood Guide RH Rear 2013	
7	901003000	16	Nut, Nylock 1/4-20	
8	290000805	1	Bracket, Batt/air Cleaner 2012	
9	900002865	4	Bolt, HHCS 3/8-16 x 3 G5 ZP	
10	900000612	2	Bolt, HHCS 5/16-18 x 1/2 G5	
11	903302602	4	Screw, 8-32 x 3/4 PHIL	
12	201300131	2	Latch, Intake	
13	201300130	1	Plate, Intake Latch	
14	903302606	4	Nut, Nylock 8-32 ZP	
15	901003117	2	Nut, Clip 5/16-18 SCRX 5/8 TH	
16	700000158	1	Relay, Starter	
17	700100129	2	Fuse, Bussman 125 AMP	
18	700100130	2	Fuse Holder, Bussman	
19	902003035	4	Washer, Flat 1/4-20	
20	700100128	2	Solenoid, White-Rogers	
21	900100303	4	Washer, Flat M8	
22	900100302	4	Washer Lock M8	
23	900100301	4	Bolt, HHCS M8 x 1.25 x 25	
24	400000895	1	Bottle, Windshield Washer	
25	900002437	4	Screw, 10-24 x 2 1/2 SS Socket	
26	700100303	1	Battery Disconnect	
27	700300002	1	Switch, Fan Reverse	
28	901002899	4	Nut, Nylock 10-24 ZP	
29	700000725	1	Water Valve 2012	
30	931000008	4	Nut Hex 5/16-18 ZP	
31	902201095	2	Washer lock 5/16 ZP	
32	900002815	1	Bolt, HHCS 3/8-16 x 1" G5 ZP	
33	901003020	5	Nut, Nylock 3/8-16 ZP	
34	430100000	1	Horn	
35	290000804	1	Frame Batt/Air Cleaner Bracket 2012	
	201300095		Indicator, Air Cleaner	Not Shown
	720100021		Cable, +12V to Starter	Not Shown
	720100022		Cable, +12V to External Post	Not Shown
	720100023		Cable, Battery Negative	Not Shown
	720100024		Cable, Negative to External Post	Not Shown
	720100025		Cable, Battery Positive	Not Shown

Firewall (cont.)

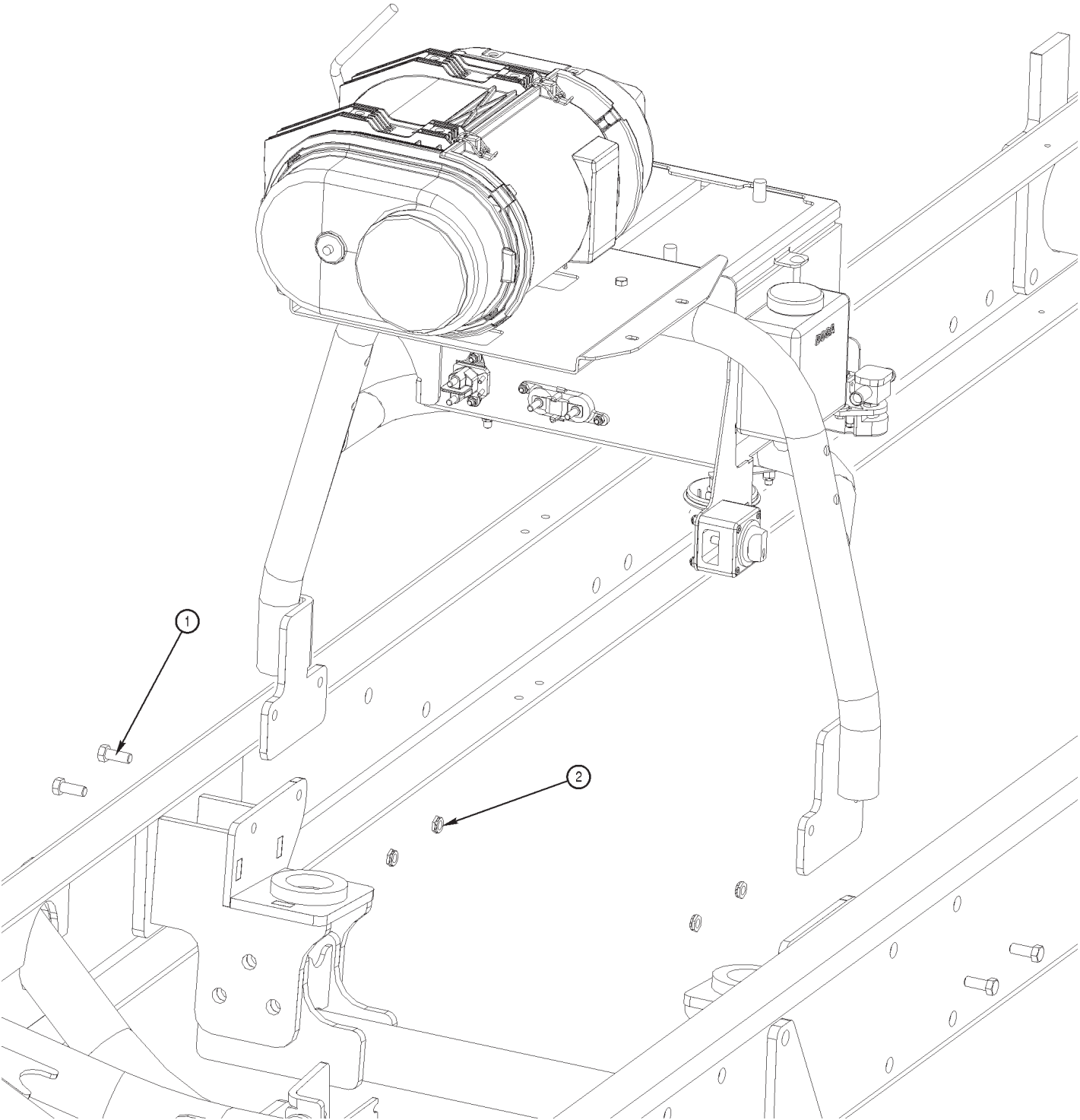
AS1025 Only



Item	Part Number	Qty	Description	Comments
1	201300121	1	Air Cleaner assembly, Direct Flow	
2	900000612	4	Bolt, HHCS 5/16-18 x 1/2 G5	
3	201300144	1	Catch Intake T4	
4	901003117	4	Nut, Clip 5/16-18 SCRX 5/8 TH	
5	900032036	2	Bolt, Carriage 5/16-18 x 9"	
6	290000803	1	Bracket, Battery Hold Down	
7	720000000	2	Battery, 12V Post HDC	
8	900002435	13	Bolt, HHCS 1/4-20 x 2 G5 ZP	
9	450000024	1	Hood Support RH Rear 2013	
10	901003000	17	Nut, Nylock 1/4-20	
11	290000806	1	Bracket, Batt/air Cleaner T4i	
12	900002865	4	Bolt, HHCS 3/8-16 x 3 G5 ZP	
13	903302602	2	Screw, 8-32 x 3/4 PHIL	
14	201300131	1	Latch, Intake	
15	903302606	2	Nut, Nylock 8-32 ZP	
16	201300143	1	Plate, Intake T4i Latch	
17	290000700	1	Clamp, 3" Exhaust Heavy Duty	
18	210000001	1	Bracket Charge Air Support	
19	900100303	4	Washer, Flat M8	
20	900100302	4	Washer, Lock M8	
21	900100301	4	Bolt, HHCS M8 x 1.25 x 25	
22	700000158	2	Relay, Starter	
23	902003035	2	Washer, Flat 1/4-20	
24	700100200	1	Solenoid, 12VDC 200 AMP	
25	700100201	1	Fuse, AMG 250 aMP	
26	700100130	1	Fuse Holder, Bussman	
27	400000895	1	Bottle, Windshield Washer	
28	900002437	4	Screw, 10-24 x 2 1/2 SS Socket Head Cap	Screw also used for suspension limit switches
29	700100303	1	Battery Disconnect	
30	700300002	1	Switch, Fan Reverse	
31	931000008	4	Nut Hex 5/16-18 ZP	
32	902201095	2	Washer Lock 5/16" ZP	
33	700000725	1	Water Valve 2012	
34	900002815	1	Bolt, HHCS 3/8-16 x 1 G5 ZP	
35	901003020	4	Nut, Nylock 3/8-16 ZP	
36	430100000	1	Horn	
37	290000805	1	Bracket Batt/Air Cleaner 2012	

Firewall (cont.)

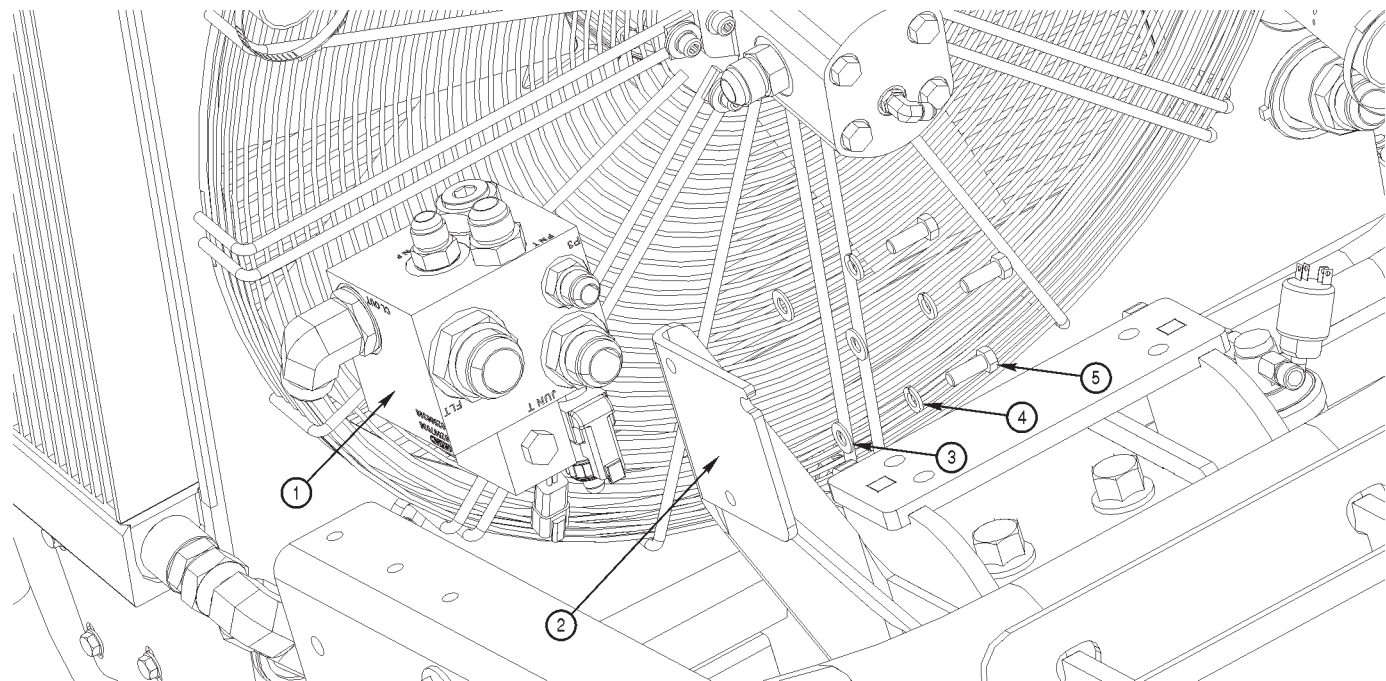
All Models



Item	Part Number	Qty	Description	Comments
1	900003245	4	Bolt, HHCS 1/2-13 x 1 1/2 G5 ZP	
2	901003041	4	Nut, Nylock Jam 1/2-13	
	201300095		Indicator, Air Cleaner	Not shown

Fan Block Manifold Mounting

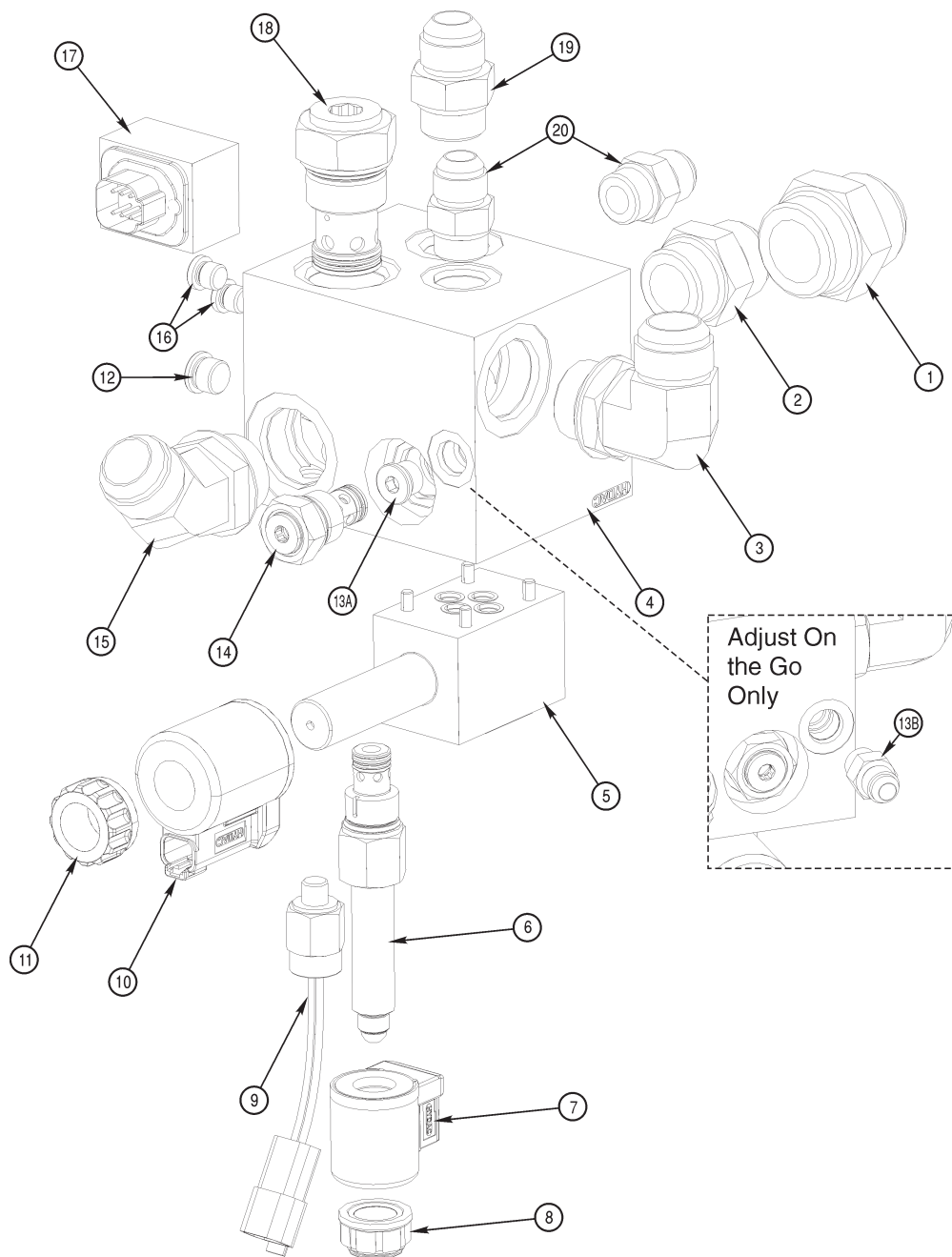
All Models



Item	Part Number	Qty	Description	Comments
1	810000120	1	Manifold, Fan Block	
2	100100117	1	Bracket, Fan Block 2012	
3	902003045	3	Washer, Flat 3/8 G5 ZP	
4	902003200	3	Washer, Lock 3/8 G5 ZP	
5	900002815	3	Bolt, HHCS 3/8-16 x 1 G5 ZP	
	700000570	1	Jumper Coil Suppression	Not shown

Fan Block Manifold

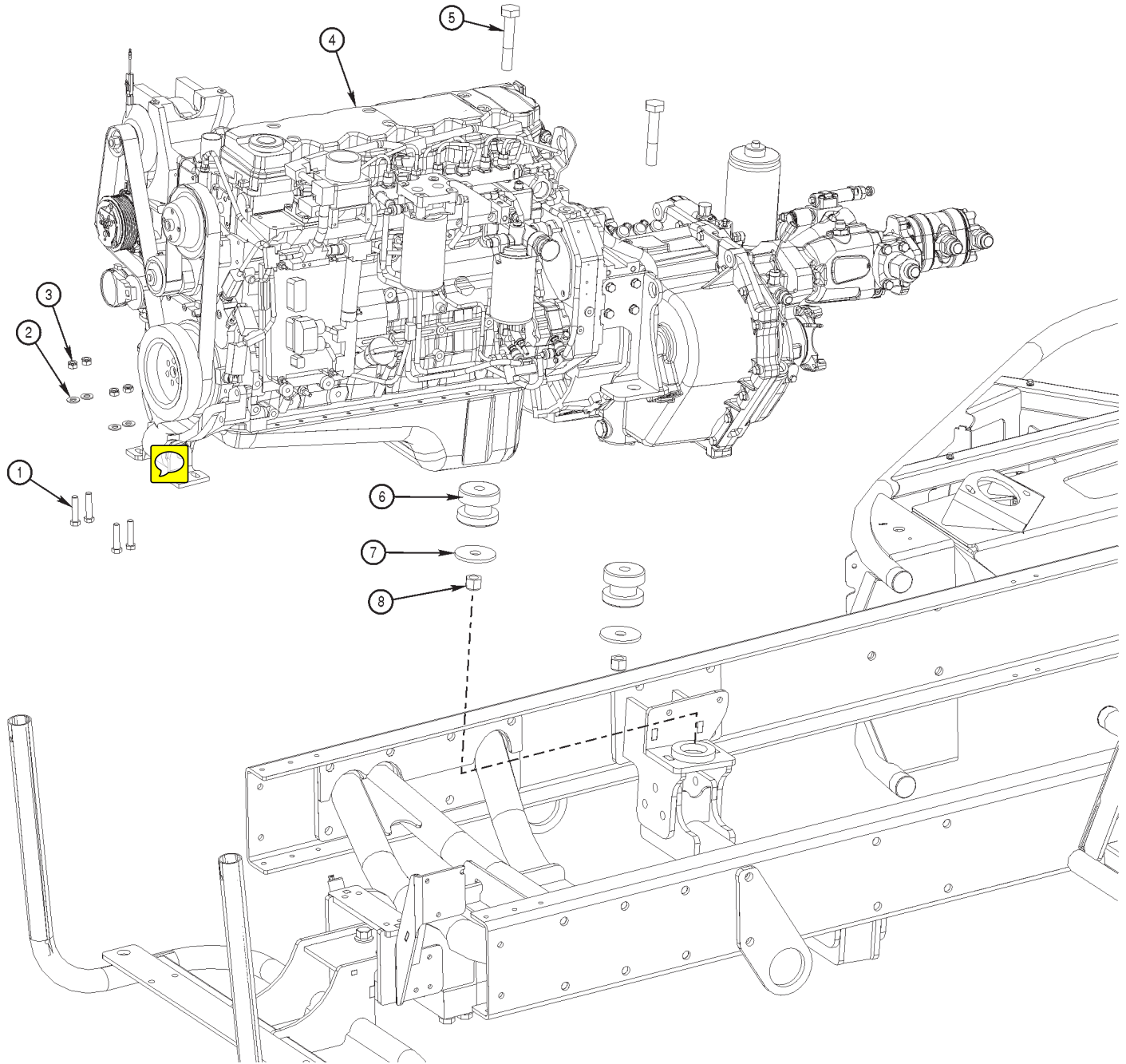
All Models



Item	Part Number	Qty	Description	Comments
1	800050280	1	Fitting, 20 FLM x 20 ORM ST	
2	800302410	1	Fitting, 16 FLM x 16 ORM ST	
3	800404265	1	Fitting, 16 FLM x 16 ORM 90	
4	810000120	1	Manifold, Fan Block	
5	810000084	1	Directional Control Valve 4/2	
6	810000082	1	Proportional Valve, Pressure Relief	
7	810000085	1	Coil, 12V Hydac Prop Valve 2.2	
8	810000066	1	Nut, Hydac Coil Size 8 Open	
9	700020112	1	Switch, Temp NC 200F 1/4 ORB	
10	810000086	1	Coil, 12V Hydac Size 10	
11	810000087	1	Nut, Coil Hydac Size 10	
12	800000690	1	Plug, ST THD O R HEX 6408-6	
13A	800000690	1	Plug, ST THD O R HEX 6408-6	Use plug if not equipped with Adjust On the Go
13B	800303022	1	Fitting, 6 FLM x 6 ORM ST	Use fitting if equipped with Adjust On the Go
14	810000083	1	Check Valve, 5 PSI, SAE8 Hydac	
15	800302504	1	Fitting, 16 FLM x 16 ORM 45	
16	800000550	2	Plug, SAE 4 ORB Hollow Hex	
17	750000020	1	Fan Control Module 2012	
18	810000029	1	Check Valve , 100 PSI	Seal Kit P/N 810000058
19	800303120	1	Fitting, 12 FLM x 12 ORM ST	
20	800302242	2	Fitting, 10 FLM x 10 ORM ST	
	700000570	1	Jumper Coil Suppression	Not shown

Engine Mounting

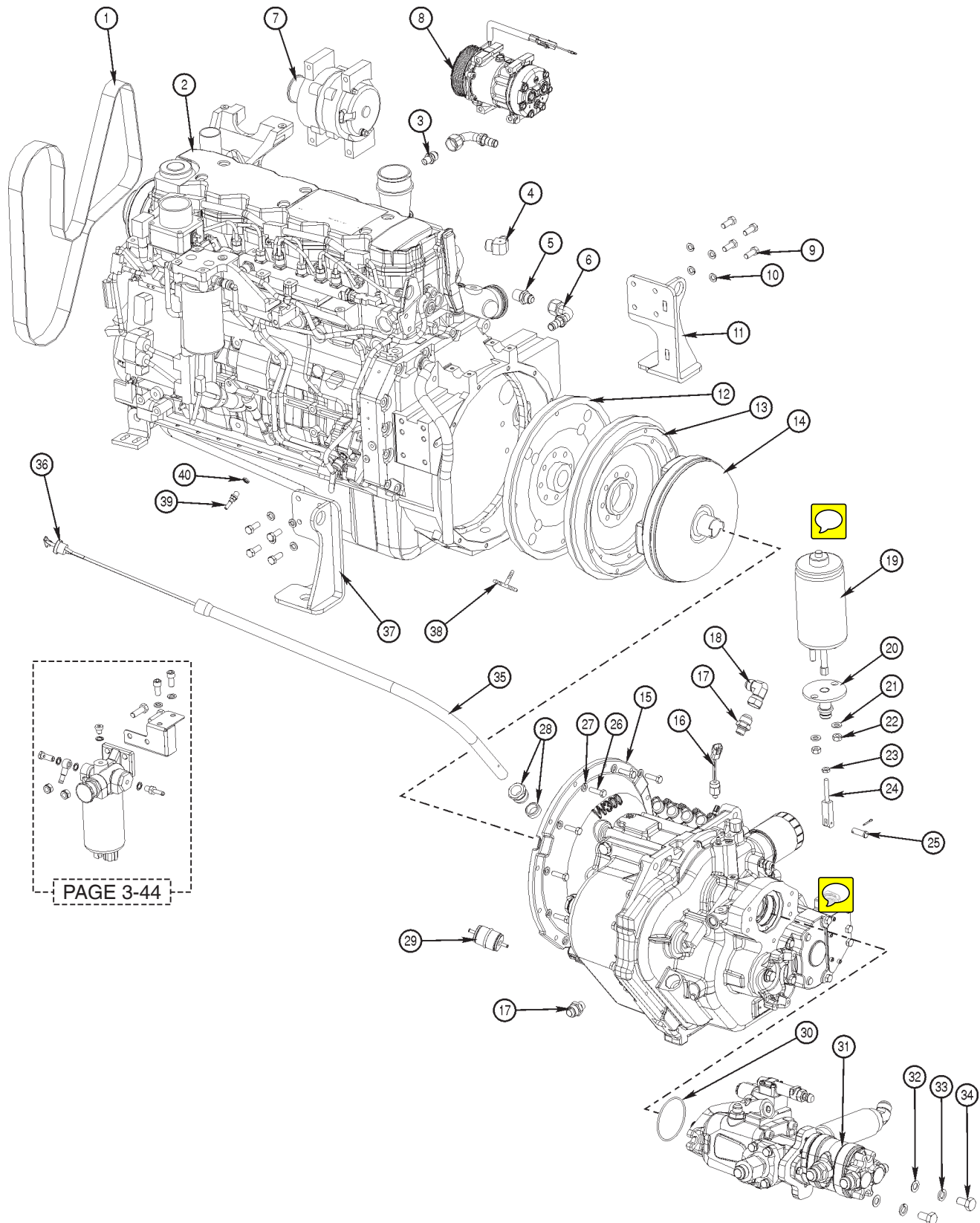
All Models



Item	Part Number	Qty	Description	Comments
1	900102332	4	Bolt, M12 x 1.75 x 45	
2	901100467	4	Washer, Flat M12	
3	901100466	4	Nut, Nylock M12 x 1.75 G10.9	
4A	200000003	1	Engine, Cummins QSB 215 HP T3	AS1220
4B	200000004	1	Engine, Cummins QSB 173HP T4i	AS1025
4C	200000006	1	Engine, Cummins QSB 160HP T3	AS720
4D	200000007	1	Engine, Cummins QSB 173HP T3	AS1020
4D	200000011	1	Engine, Cummins QSB 275HP T3	AS1020 Plus and AS1220 Plus
5	900006885	2	Bolt HHCS 7/8-14 x 5" G5 ZP	
6A	290001030	2	Isolator, Universal Mount Engine	White Dot. Used for AS1020, AS1025 and AS1220
6B	290001032	2	Isolator, Universal Mount Engine	Blue Dot. Used for AS720
7	290001031	2	Washer, Snubbing 3.5" OD x 0.94" ID x 0.25" Thick	
8	901003085	2	Nut Nylock 7/8-14 ZP	
	290000920		Water Temperature Sender	Not shown

Engine and PowerShift Transmission

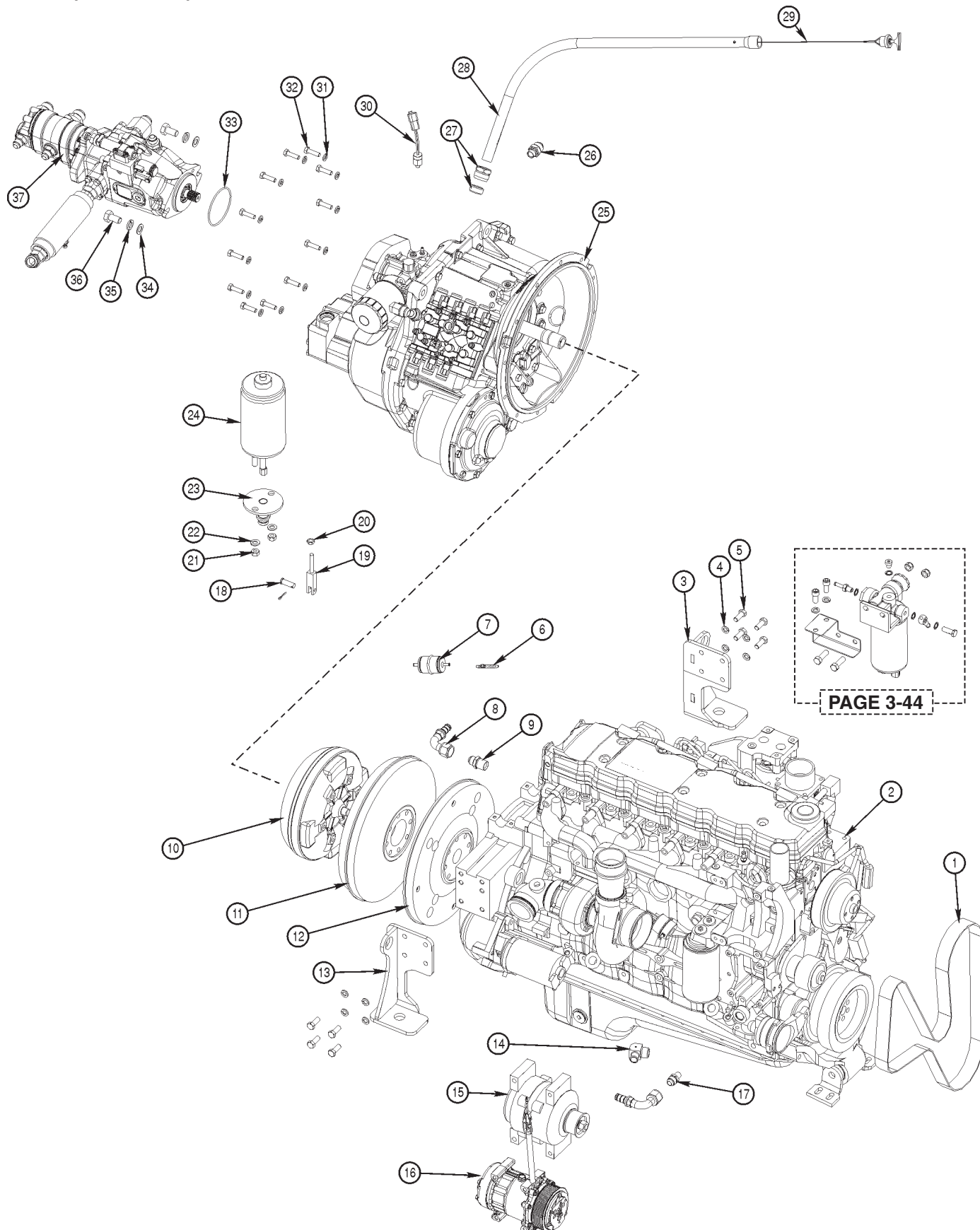
AS720



Item	Part Number	Qty	Description	Comments
1	200100034	1	Belt, Serpentine QSB 6.7	
2	200000001	1	Engine, Cummins QSB 160HP TIII	AS720
3	800302219	1	Fitting, 10 FLM x 12 PM	
4	800302220	1	Fitting, 12 PM x 12 BARB 90	
5	800302218	1	Fitting, 10 FLM x 8 PM	
6	800302221	2	Fitting, 10 FLF x 10 HB 90	
7	201450509	1	Alternator	
8	420100006	1	Compressor, A/C	
9	900102334	8	Bolt, HHCS M12 x 1.75 x 35	
10	902003047	8	Washer, Lock M12	
11	290000899	1	Mount,Cummins Rear R/H	
12	200100078	1	Flywheel	
13	301010105	1	Flex Plate	
14	301010011	1	Torque Converter, PS 764	
15	350000255	1	Transmission, ITL PS 764	
16	700020114	1	Switch, Temp NO 230F 1/4 BSPP	
17	800302453	2	Fitting, 12 FLM x 8 BSPM	
18	800403625	1	Fitting, 12 FLM x 12 FLF 90	
19	350000351	1	Parking Brake Can	Spring Applied - Hydraulic Release
20	390000514	1	Bracket, Sahr Can	
21	902003047	2	Washer, Lock M12	
22	901100466	2	Nut, M12 x 1.75	
23	901100460	1	Nut, Jam M10 x 1.50	
24	390000515	1	Clevis, Parking Brake Can	
25	900109000	1	Bolt, Shoulder, SHSB 5/16 x 3/4	
26	900100003	12	Bolt, HHCS M10 x 1.50 x 40	
27	902100100	12	Washer, Lock M10	
28	300000012	1	Lock Nut and Seal for dipstick Tube	
29	201450280	1	Filter, In line	Used on Trans Vent
30	350000315	1	O-Ring	
31	860000035	1	Pump, Assembly PS764	Piston Pump P/N 860000029 Tandem Gear Pump P/N 860000037
32	901100467	2	Washer, Flat M12	
33	902003047	2	Washer, Lock M12	
34	900102334	2	Bolt, HHCS M12 x 1.75 x 35	
35	300000014	1	Tube, Dipstick	
36	300000023	1	Dipstick, Transmission PS 764	
37	290000898	1	Mount,Cummins Rear L/H	
38	290000002	1	Fitting, Tee 1/4" HB	
39	800302222	1	Fitting, 6HB x M12 x 1.5 ORM	Remove viton o-ring.
40	825000025	1	Seal, M12 Threads	
	290000920	1	Water Temperature Sender	Not shown

Engine and PowerShift Transmission (cont.)

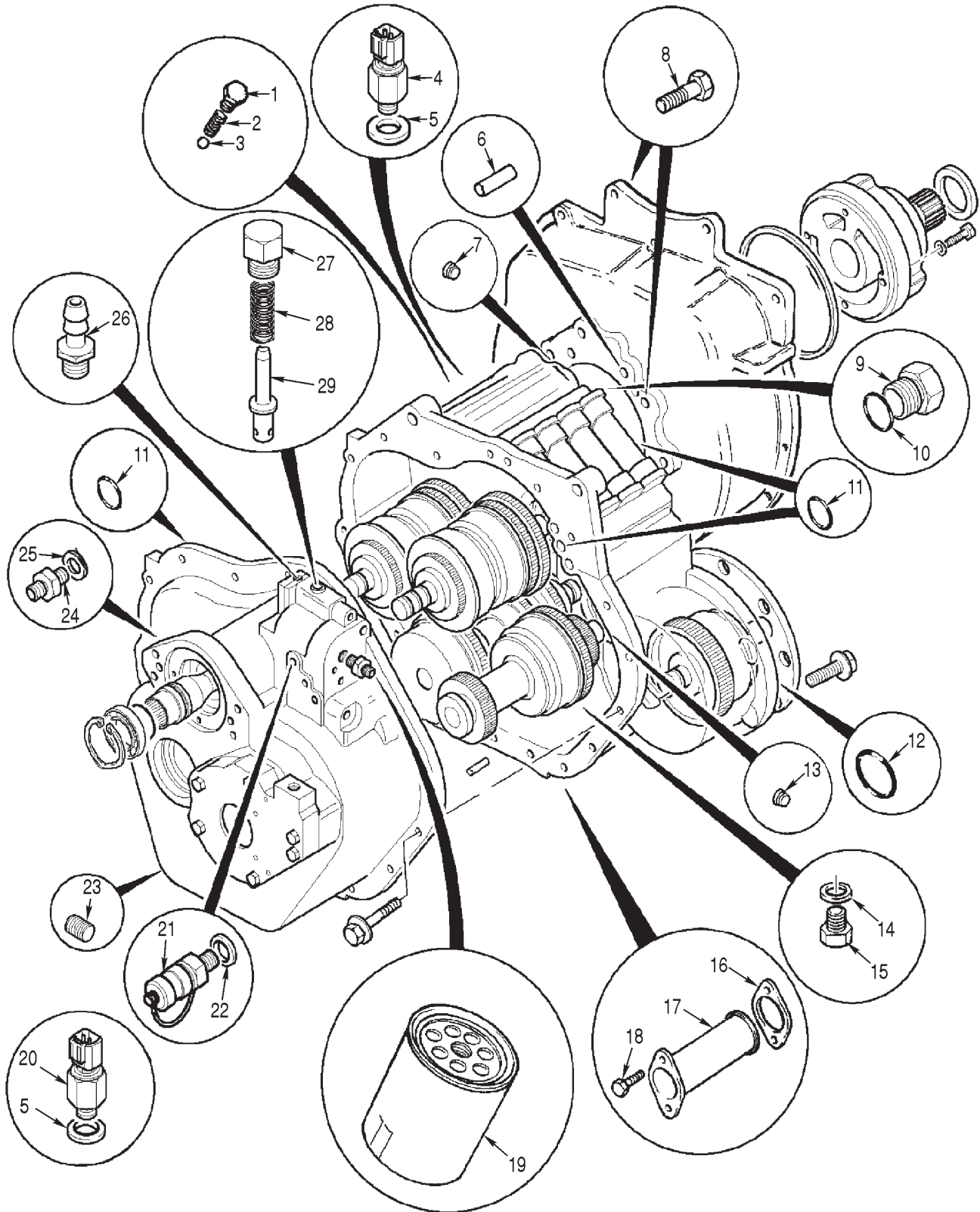
AS720 (continued)



Item	Part Number	Qty	Description	Comments
1	200100034	1	Belt, Serpentine QSB 6.7	
2	200000001	1	Engine, Cummins QSB 160HP TIII	AS720
3	290000893	1	Mount,Cummins Rear L/H	
4	902003047	8	Washer, Lock M12	
5	900102334	8	Bolt, HHCS M12 x 1.75 x 35	
6	290000002	1	Fitting, Tee 1/4" HB	
7	201450280	1	Filter, In line	Used on Trans Vent
8	800302221	2	Fitting, 10 FLF x 10 HB 90	
9	800302218	1	Fitting, 10 FLM x 8 PM	
10	301010011	1	Torque Converter, PS 764	
11	301010105	1	Flex Plate	
12	200100078	1	Flywheel	
13	290000892	1	Mount,Cummins Rear R/H	
14	800302220	1	Fitting, 12 PM x 12 BARB 90	
15	201450509	1	Alternator	
16	420100006	1	Compressor, A/C	
17	800302219	1	Fitting, 10 FLM x 12 PM	
18	900109000	1	Bolt, Shoulder, SHSB 5/16 x 3/4	
19	390000515	1	Clevis, Parking Brake Can	
20	901100460	1	Nut, Jam M10 x 1.50	
21	901100466	2	Nut, M12 x 1.75	
22	902003047	2	Washer, Lock M12	
23	390000514	1	Bracket, Sahr Can	
24	350000351	1	Parking Brake Can	Spring Applied - Hydraulic Release
25	350000255	1	Transmission, ITL PS 764	
26	800302453	2	Fitting, 12 FLM x 8 BSPM	
27	300000012	1	Lock Nut and Seal for dipstick Tube	
28	300000014	1	Tube, Dipstick	
29	300000023	1	Dipstick, Transmission PS 764	
30	700020114	1	Switch, Temp NO 230F 1/4 BSPP	
31	902100100	12	Washer, Lock M10	
32	900100003	12	Bolt, HHCS M10 x 1.50 x 40	
33	350000315	1	O-Ring	
34	901100467	2	Washer, Flat M12	
35	902003047	2	Washer, Lock M12	
36	900102334	2	Bolt, HHCS M12 x 1.75 x 35	
37	860000035	1	Pump, Assembly PS764	Piston Pump P/N 860000029 Tandem Gear Pump P/N 860000037
	800403625	1	Fitting, 12 FLM x 12 FLF 90	Not shown

PowerShift Transmission

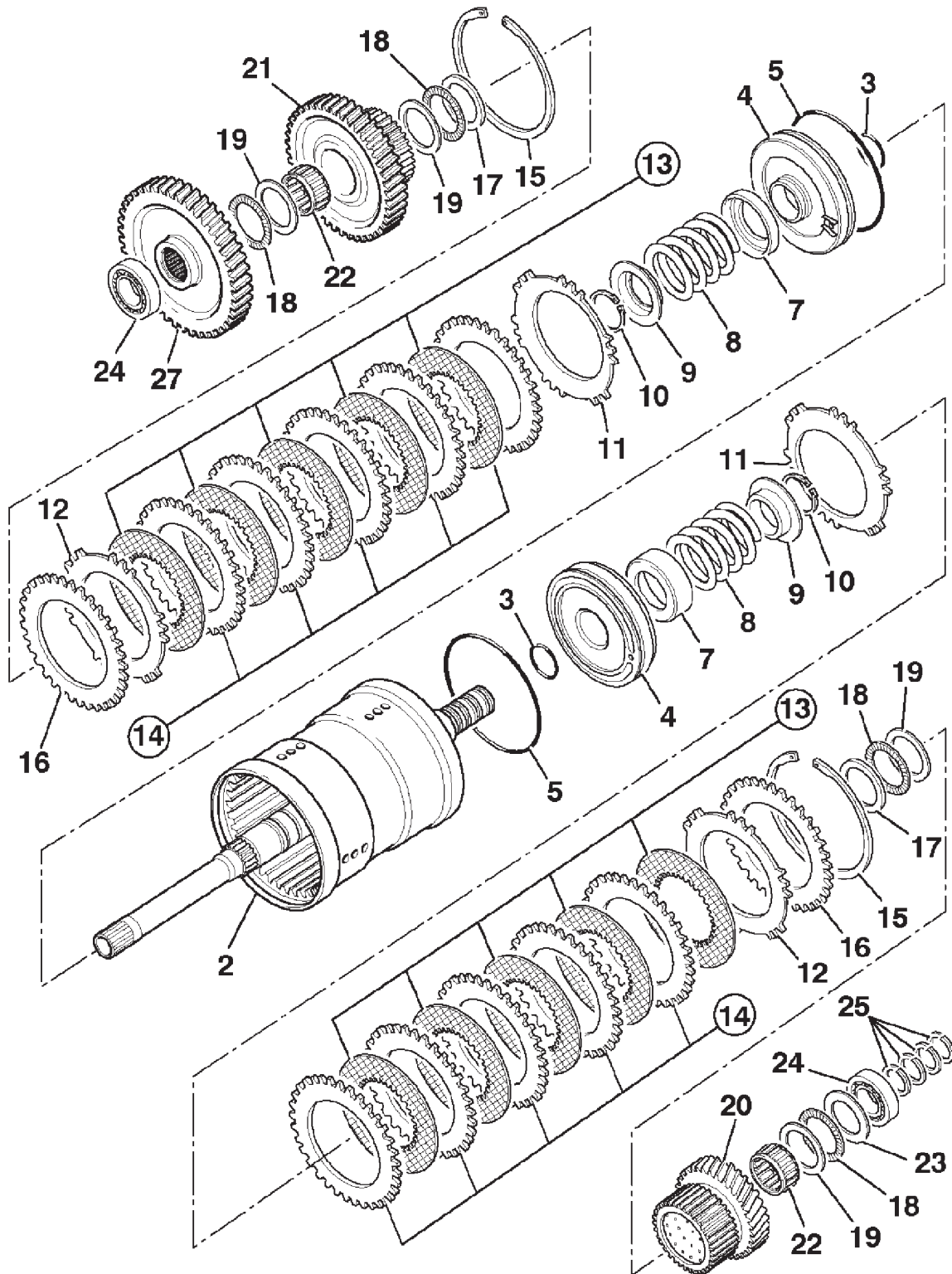
AS720



Item	Part Number	Qty	Description	Comments
1	990000069	1	Plug, Trans Low Pressure	
2	990000066	1	Spring	
3	300000750	1	Poppet	
4	300000757	1	Switch, Oil Pressure	
5	320000001	3	Seal, Bonded	
6	300000310	6	Dowel Pin, Case	
7	300500012	4	Plug, 3/8" Tapered	
8	300000755	A/R	Bolt, M10 x 55 long	
9	300000749	1	Plug, PS764	
10	300500019	1	Washer, Seal	
11	300000754	1	O-ring	
12	300000759	1	O-ring	
13	300000485	16	Plug, 1/8" Tapered	
14	301200240	2	Seal, Bonded 3/4" BSP	
15	301200235	2	Plug, Filler	
16	300000430	1	Gasket, Suction Strainer	
17	300000095	1	Strainer, Suction	
18	300000392	2	Screw, M8 x 16	
19	300000101	1	Filter, Transmission	
20	300000760	1	Switch, Oil Temperature	1/4" BSP
21	300000405	1	Adapter, Pressure Test	1/4" BSP male
22	300500019	1	Washer, Seal	
23	300000756	2	Plug, Taper 1/4" BSP	
24	300000060	2	Adapter, 5/8" x 1/2" MM	
25	300000055	4	Seal, Bonded 1/2" BSP	
26	300000750	1	Adapter	
27	300000715	1	Plug, PMV	
28	300000714	1	Spring, Solenoid PMV	
29	300000713	1	Spool, PMV	

PowerShift Clutch

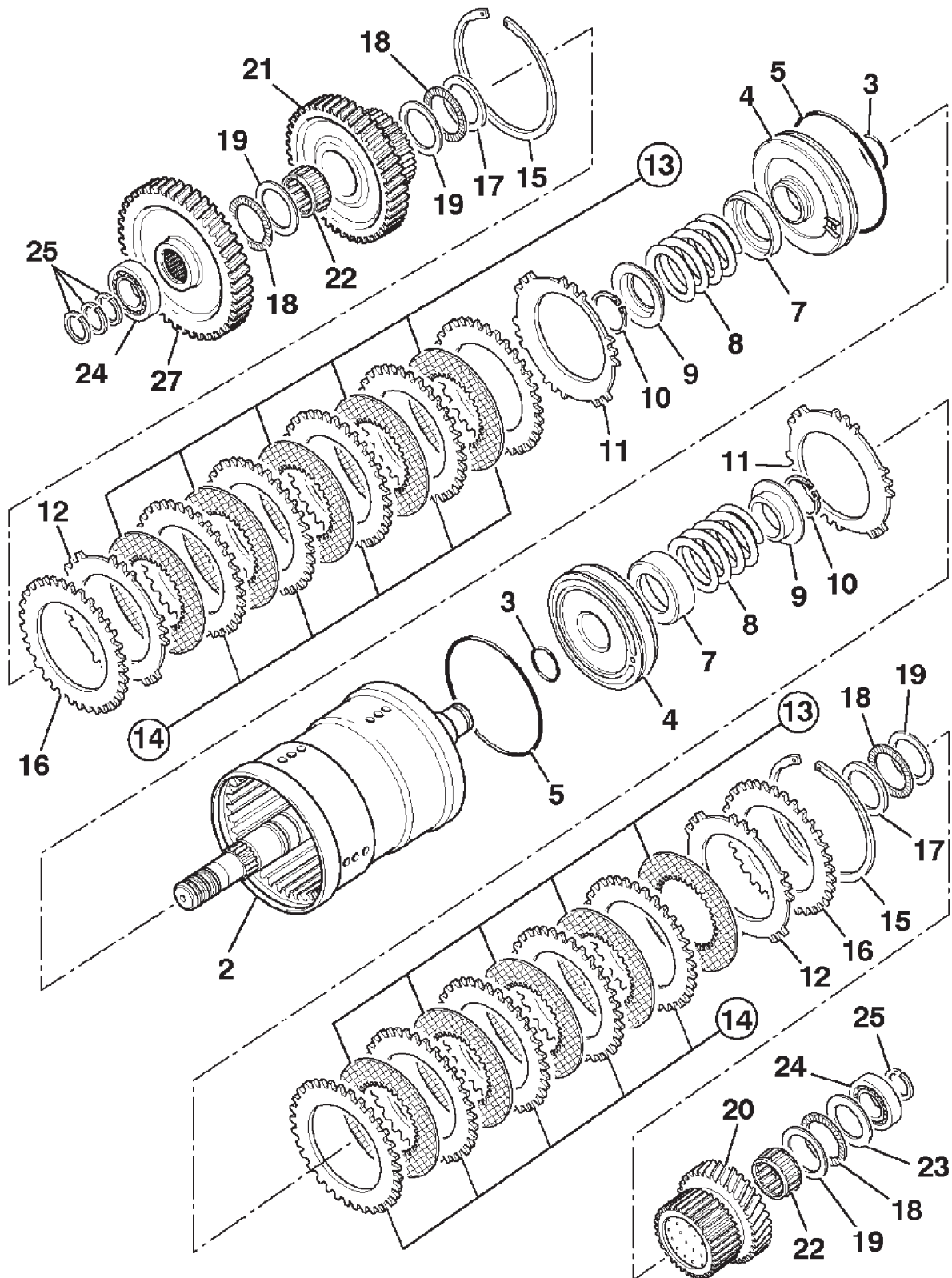
AS720



Item	Part Number	Qty	Description	Comments
1	300000742	1	Clutch, Input Assembly	
2	300000761	1	Housing, Input clutch	
3	300000664	2	O-ring	
4	300000762	2	Piston	
5	300000630	2	O-ring	
7	300000631	2	Plate, Oil Baffle	
8	300500010	2	Spring	
9	300000662	2	Washer, Spring Retainer	
10	300000663	2	Circlip, External	
11	300000632	2	Disc, Spring Spline	
12	300000633	A/R	Plate, Pressure Clutch 6.0 mm	
12A	300000634	A/R	Plate, Pressure Clutch 6.5 mm	
13	300000635	10	Plate, Friction Clutch	
14	300000636	10	Plate, Counter Clutch	
15	300000637	2	Circlip, Internal	
16	300000638	A/R	Plate, Shim clutch 1.2 mm	
17	300000659	2	Washer, Thrust	
18	300000660	4	Bearing, Needle Thrust	
19	300000666	4	Washer, Thrust bevelled	
20	300000763	1	Housing, Input Gear 28 tooth	
21	300000764	1	Housing, Input Gear 41 tooth	
22	300000765	2	Bearing, Needle Roller	
23	300000658	2	Washer, Thrust	
24	300000653	2	Bearing, 50 x 80 x 20	
25	300000665	4	Seal, Ring	
27	300000766	1	Gear, Input 44 tooth	

PowerShift Reverse Clutch

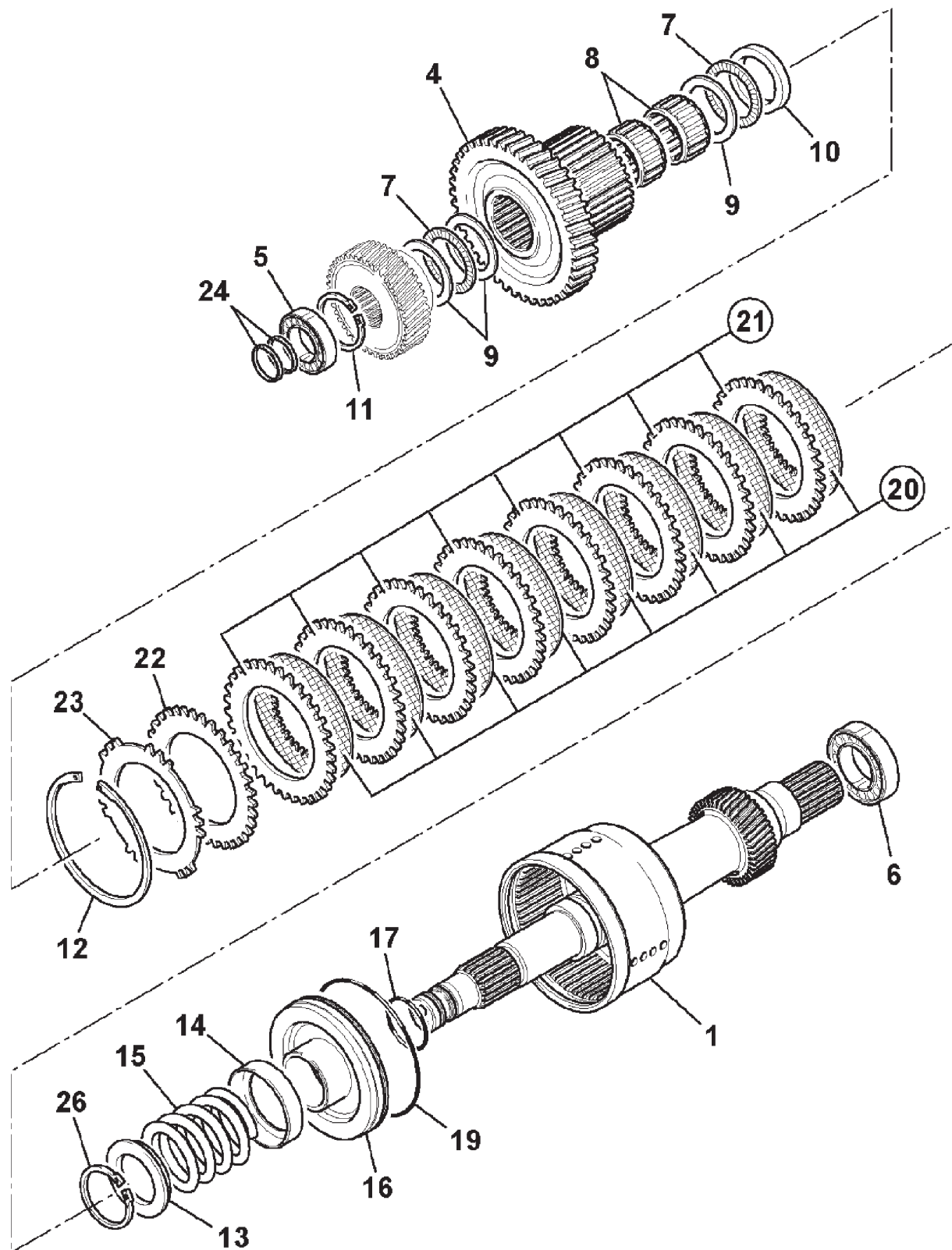
AS720



Item	Part Number	Qty	Description	Comments
1	300000743	1	Clutch, Reverse Assembly	
2	300000628	1	Housing, Reverser Clutch	
3	300000535	2	O-ring	
4	300000629	2	Piston, Clutch	
5	300000630	2	O-ring	
7	300000631	2	Plate, Oil Baffle	
8	300500010	2	Spring	
9	300500011	2	Spring, Retaining	
10	300500013	2	Circlip	
11	300000632	2	Disc, Spring Spline	
12	300000633	A/R	Plate, Pressure Clutch 6.0 mm	
12A	300000634	A/R	Plate, Pressure Clutch 6.5 mm	
13	300000635	10	Plate, Friction Clutch	
14	300000636	10	Plate, Counter Clutch	
15	300000637	2	Circlip, Internal	
16	300000638	A/R	Plate, Shim Clutch 1.2 mm	
17	300000245	2	Washer, Thrust	
18	300500031	4	Bearing, Thrust	
19	300500032	4	Washer, Thrust	
20	300000639	1	Housing, Plate Carrier 28 tooth	
21	300000640	1	Housing, Plate Carrier 41 tooth	
22	300000605	2	Bearing	
23	300000641	1	Washer, Thrust	
24	300000643	2	Bearing, Taper Roll 35 x 65 x 18	
25	300000545	4	Seal, Ring	
27	300000642	1	Gear, Reverser 44 tooth	

PowerShift Layshaft

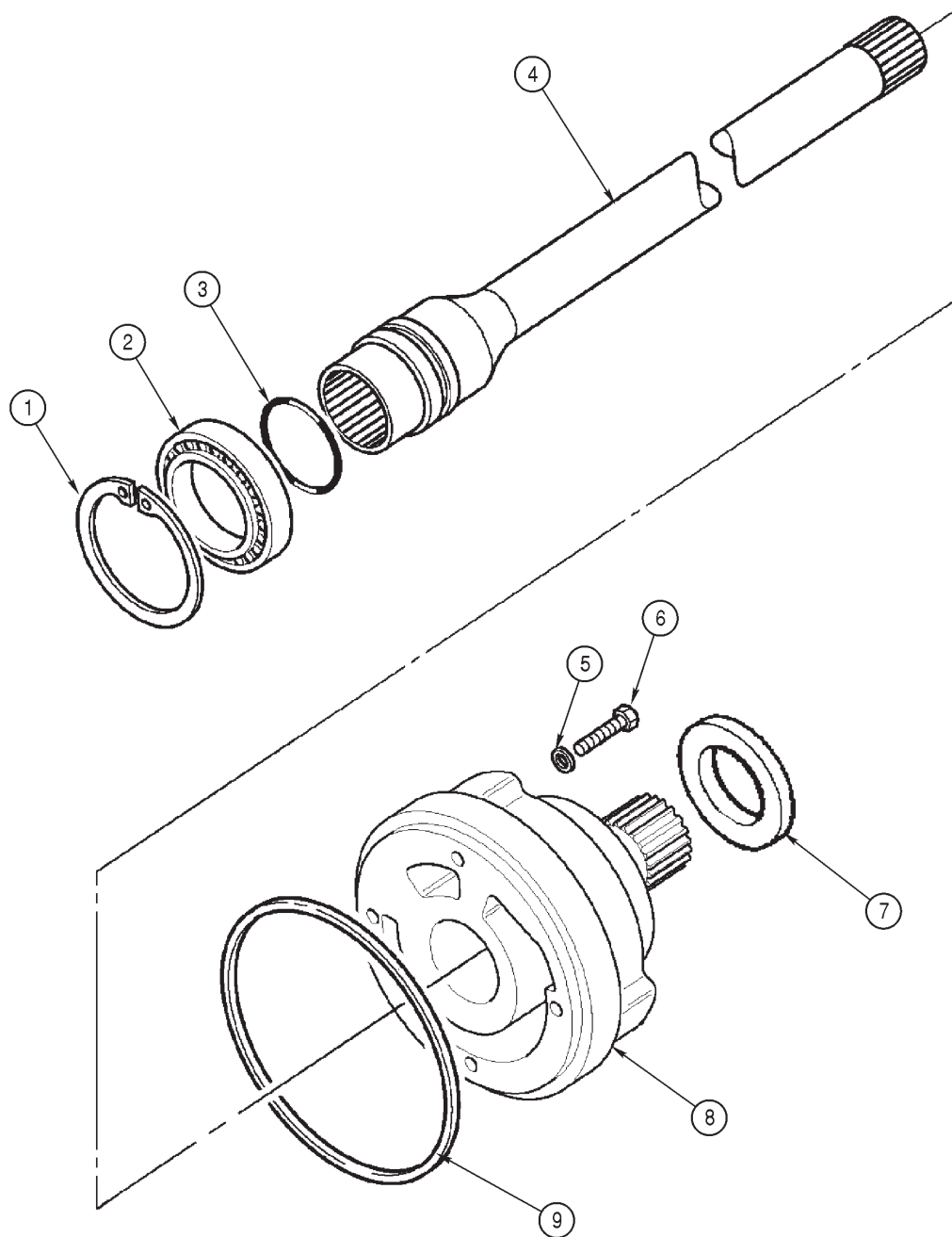
AS720



Item	Part Number	Qty	Description	Comments
	300000745	1	Clutch, Layshaft	
1	300000776	1	Housing, Layshaft	
4	300000777	1	Gear, and Plate Carrier	
5	300000672	1	Bearing, 40 x 80 x 24.75	
6	300000685	1	Bearing, 50 x 84 x 22	
7	300500060	2	Bearing, Needle 70 x 50 x 3 mm	
8	300000660	1	Bearing, Needle Roller	
9	300000686	4	Washer, Thrust bevelled	
10	300000687	1	Kit, Thrust Washer	
11	300000688	1	Circlip, External	
12	300000637	1	Circlip, Internal	
13	300000662	1	Washer, Spring Retainer	
14	300000631	1	Plate, Oil Baffle	
15	300500010	1	Spring	
16	300000762	1	Piston	
17	300000630	1	O-ring	
19	300000664	1	O-ring	
20	300000635	8	Plate, Friction Clutch	
21	300000636	8	Plate, Counter Clutch	
22	300000633	A/R	Plate, Pressure Clutch 6.0 mm	
23	300000638	A/R	Plate, Shim Clutch 1.2 mm	
24	300000545	2	Seal, Ring	
26	300000663	1	Circlip, External	

PowerShift Pump Drive Shaft

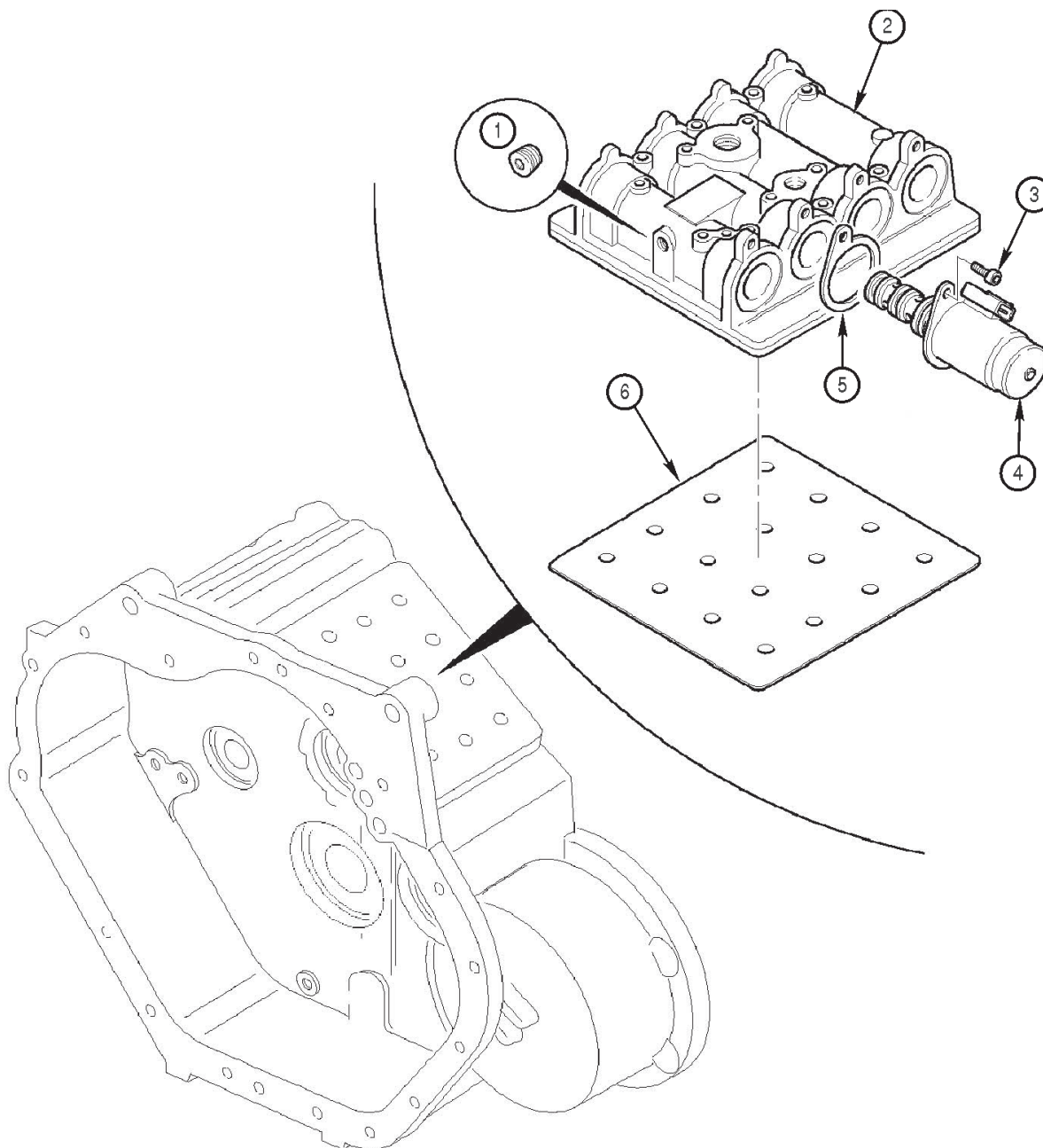
AS720



Item	Part Number	Qty	Description	Comments
1	300000711	1	Circlip	
2	300000710	1	Bearing, Ball	
3	300000665	1	Seal, Ring	
4	300000709	1	Shaft, Pump Drive 588.6 mm long	
5	300000396	4	Washer, copper	
6	300500039	4	Bolt, M8 x 45	
7	320000002	1	Seal, Transmission Pump	
8	320000003	1	Pump Assembly, Transmission	Oil pump
9	300000435	1	Seal, Rear	

PowerShift Valve Body Assembly

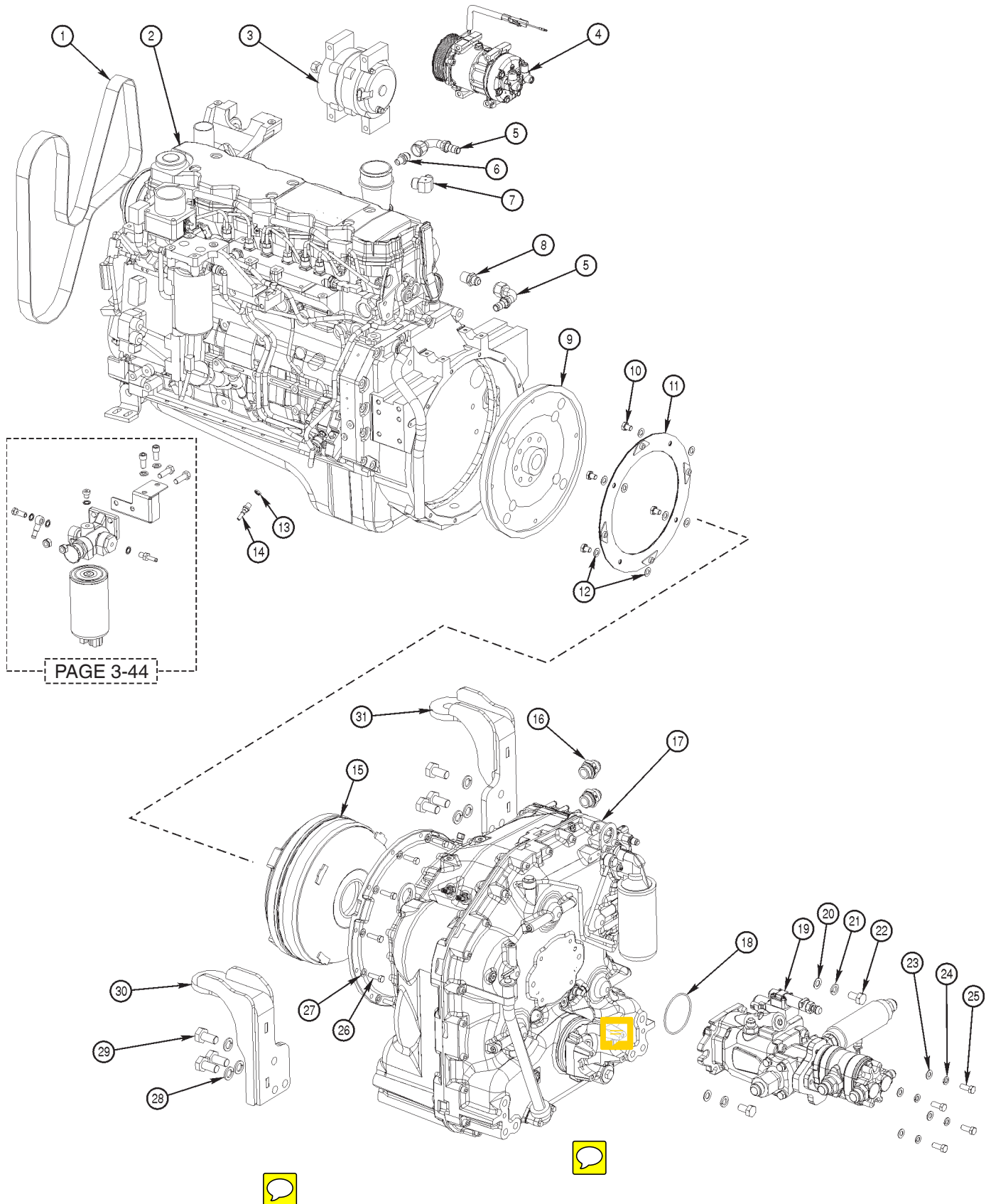
AS720



Item	Part Number.	Qty	Description	Comments
1	300500012	1	Plug, 3/8" Tapered	
2	300000805	1	Valve Assembly, 4 Speed	Newer style valve block.
3	300000816	16	Capscrew, M5 x 10	Used with newer style valve block.
4	300000815	7	Valve, Solenoid Assembly	Used with newer style valve block.
5	300000768	7	Plate, Hold down	
6	300000811	1	Gasket, Valve Block	Used with newer style valve block. Can be used with both style valve blocks.

Engine and ZF Transmission

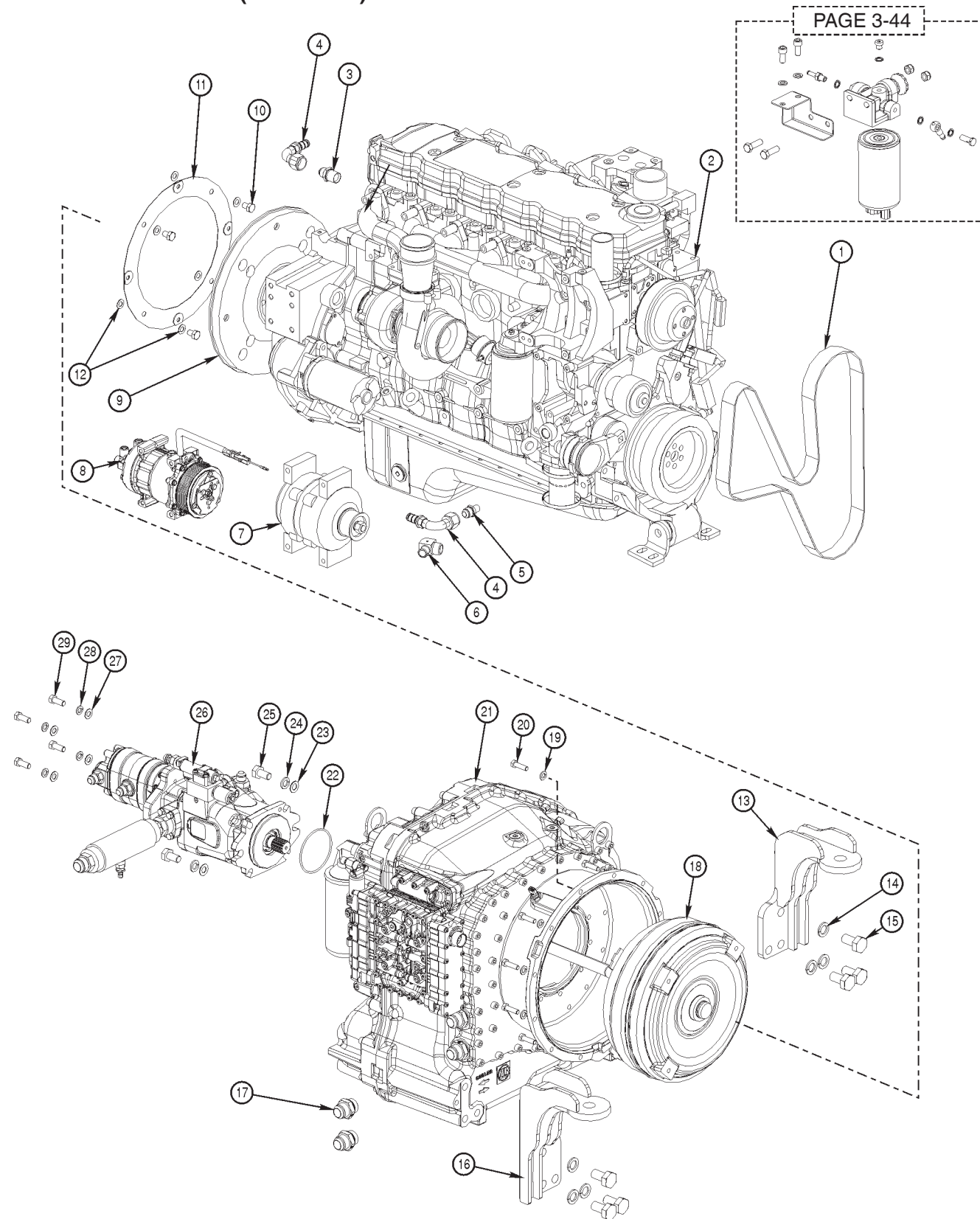
AS1020 and AS1220



Item	Part Number	Qty	Description	Comments
1	200100034	1	Belt, Serpentine QSB 6.7	
2A	200000002	1	Engine, Cummins QSB 173HP T3	AS1020
2B	200000003	1	Engine, Cummins QSB 215HP T3	AS1220
3	201450509	1	Alternator	
4	420100006	1	Compressor, A/C	3.25 lbs of R134A
5	800302221	2	Fitting, 10 FLF x 10 HB 90	
6	800302218	1	Fitting, 10 FLM x 8 PM	
7	800302220	1	Fitting, 12 PM x 12 Barb 90	
8	800302219	1	Fitting, 10 FLM x 12 PM	
9	200100080	1	Flywheel, Cummins ZF	
10	901100469	4	Bolt, M12 x 18	
11	310100241	1	Flexplate, ZF	
12	901100468	8	Washer, Thrust M12	
13	825000025	1	Seal M12 Threads	
14	800302222	1	Fitting, 6HB x M12 x 1.5 ORM	
15A	301010201	1	Torque Converter, ZF	
15B	312000000	1	Converter, Torque, ZF 275HP	Plus II
16	800404245	2	Fitting, 16 FLM x M33 x 2 ORM	
17A	310100020	1	Transmission, ZF	
17B	310100240	1	Transmission, ZF 275 HP	Plus II
18	350000317	1	O-ring	
19	860000036	1	Pump, Assembly ZF	Piston Pump P/N 860000030. Tandem Gear Pump P/N 860000037
20	902003044	2	Washer, Flat M16	
21	902003046	2	Washer, Lock M16	
22	900100799	2	Bolt, HHCS M16 x 2 x 35	
23	901100467	4	Washer, Flat M12	
24	902003047	4	Washer, Lock M12	
25	900102334	4	Bolt, HHCS M12 x 1.75 x 35	
26	900100003	12	Bolt, HHCS M10 x 1.5 x 40	
27	902100100	12	Washer, Lock M10	
28	901100764	6	Bolt, M20 x 2.5 x 40	
29	901100763	6	Washer, Lock M20	
30	290000895	1	Mount, ZF Trans LH	
31	290000894	1	Mount, ZF Trans RH	
	201450102		Assembly, Filter Head	Complete Assembly, Includes fuel filter.
	201450103	1	Housing, Fuel Filter (2011 Cummins Head Only)	Must order Filter Head Adapter P/N 2900000932 to thread filter onto filter head.
	310200000	1	Transmission Control Unit (TCU), ZF	AS1020
	700000455	1	Harness, Cummins Cold Start	
	201450290		In Line Fuel Filter	All Models
	310200010		Transmission Control Unit (TCU) ZF	AS1220

Engine and ZF Transmission (cont.)

AS1020 and AS1220 (continued)

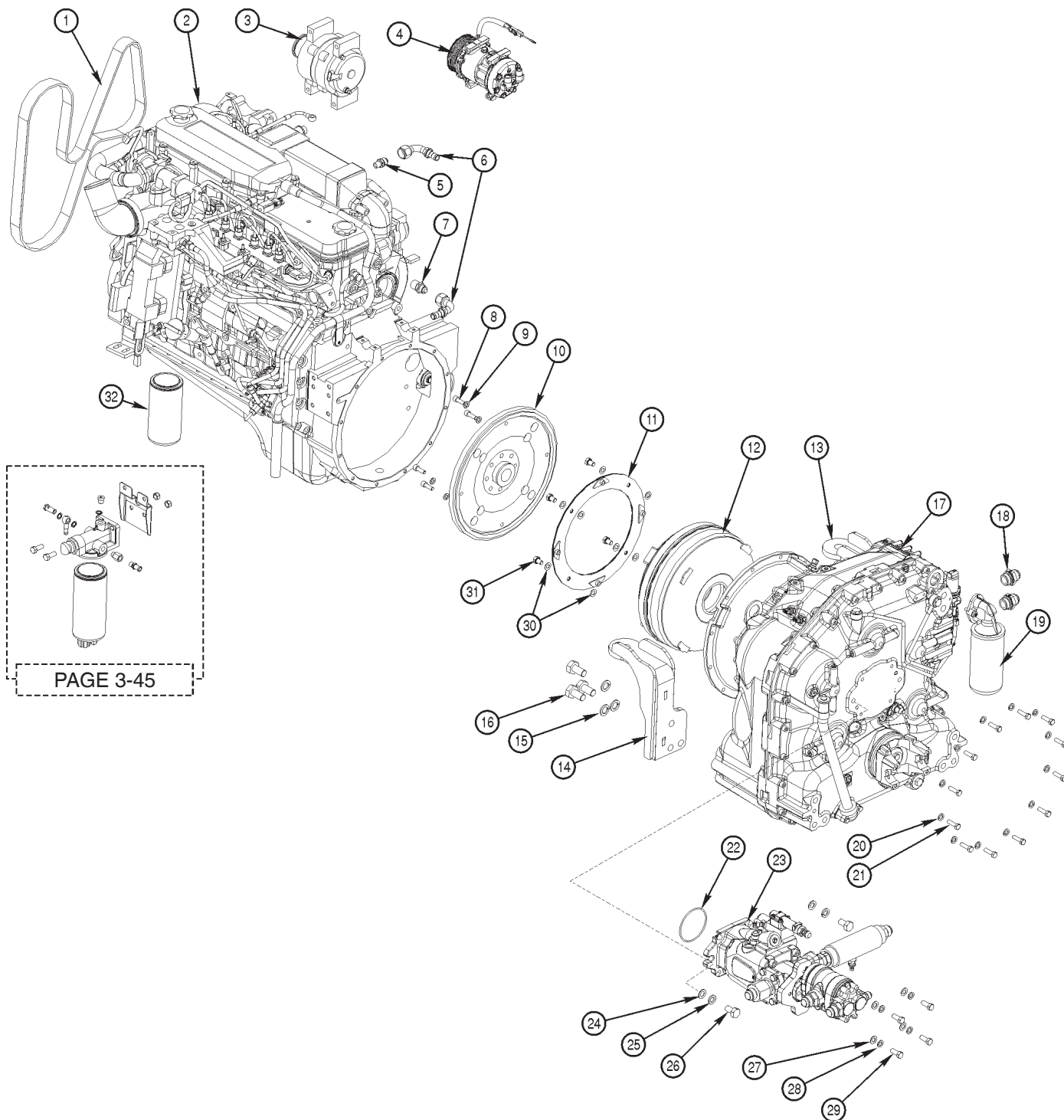


Item	Part Number	Qty	Description	Comments
1	200100034	1	Belt, Serpentine QSB 6.7	
2A	200000002	1	Engine, Cummins QSB 173HP T III	AS1020
2B	200000003	1	Engine, Cummins QSB 215HP T III	AS1220
3	800302219	1	Fitting, 10 FLM x 12 PM AS1020	
4	800302221	2	Fitting, 10 FLF x 10 HB 90	
5	800302218	1	Fitting, 10 FLM x 8 PM	
6	800302220	1	Fitting, 12 PM x 12 BARB 90	
7	201450509	1	Alternator	
8	420100006	1	Compressor, A/C 3.25 lbs of R134A	
9	200100080	1	Flywheel, Cummins ZF	
10	901100469	4	Bolt, M12 x 18	
11	310100241	1	Flexplate, ZF	
12	901100468	8	Washer, Thrust M12	
13	290000895	1	Mount, L/H Trans ZF	
14	901100763	6	Washer, Lock M20	
15	901100764	6	Bolt, M20 x 2.5 x 40	
16	290000894	1	Mount, R/H Trans ZF	
17	800404245	2	Fitting, 16 FLM x M33 x 2 ORM	
18A	301010201	1	Torque Converter, ZF	
18B	312000000	1	Converter, Torque, ZF 275HP	Plus II
19	902100100	12	Washer, Lock M10	
20	900100003	12	Bolt, HHCS M10 x 1.5 x 40	
21A	310100020	1	Transmission, ZF	
21B	310100240	1	Transmission, ZF 275 HP	
22	350000317	1	O-ring	
23	902003044	2	Washer, Flat M16	
24	902003046	2	Washer, Lock M16	
25	900100799	2	Bolt, HHCS M16 x 2 x 35	
26	860000036	1	Pump, Assembly ZF	Piston Pump P/N 860000030. Tandem Gear Pump P/N 860000037.
27	901100467	4	Washer, Flat M12	
28	902003047	4	Washer, Lock M12	
29	900102334	4	Bolt, HHCS M12 x 1.75 x 35	
	310200000	1	Transmission Control Unit (TCU), ZF	
	310200010	1	Transmission Control Unit (TCU), ZF	AS1020
	700000455	1	Harness, Cummins Cold Start	AS1220
	201450290		In Line Fuel Filter All	All Models



Engine and ZF Transmission (cont.)

AS1025 Only

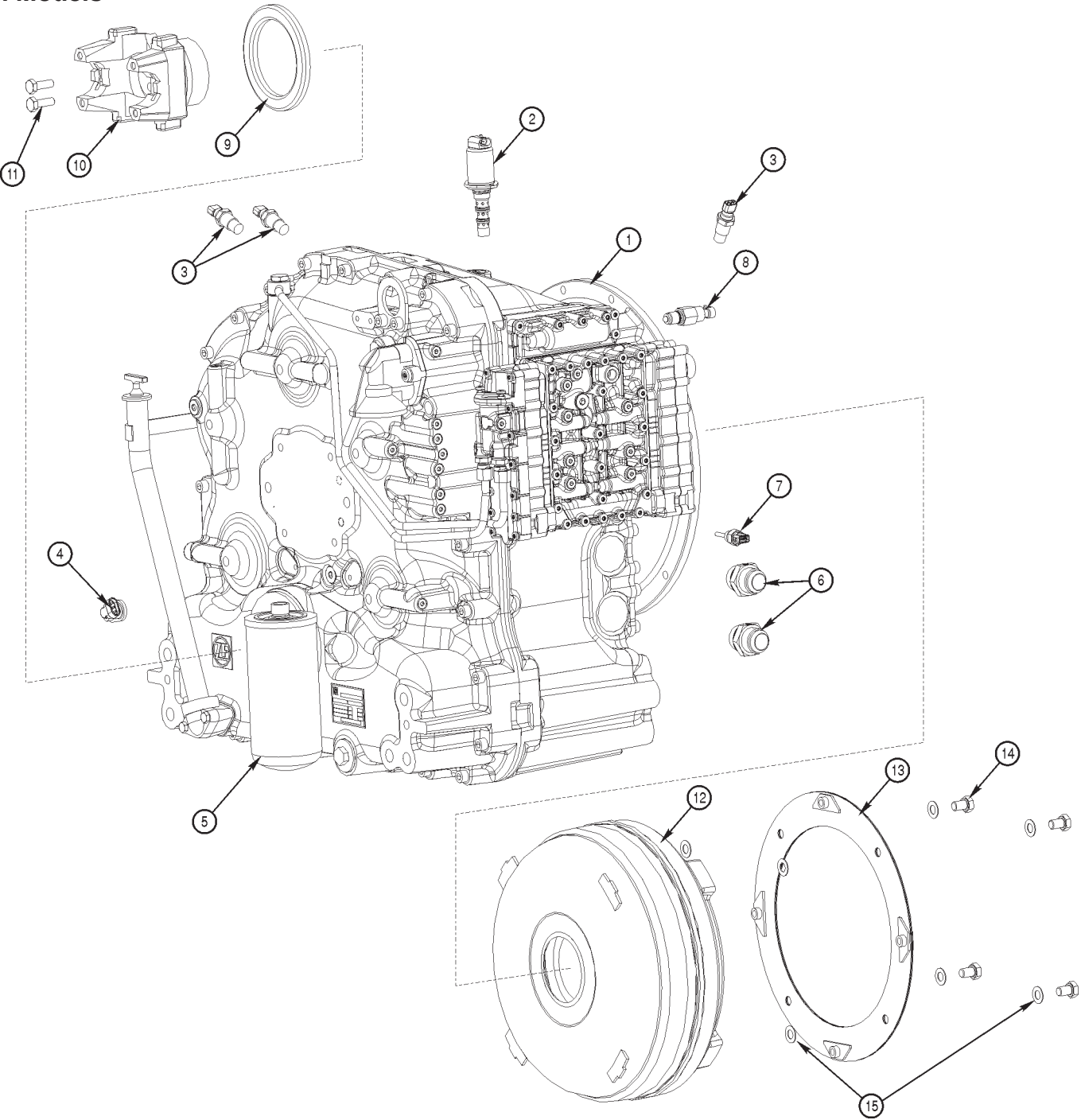


Item	Part Number	Qty	Description	Comments
1	200100004	1	Belt, Serpentine QSB 6.7	
2	200000004	1	Engine, Cummins QSB 173HP T4i	
3	201450509	1	Alternator	
4	420100006	1	Compressor, A/C	
5	800302218	1	Fitting, 10 FLM x 8 PM	
6	800302221	2	Fitting, 10 FLF x 10 HB 90	
7	800302219	1	Fitting, 10 FLM x 12 PM	
8	900100004	4	Bolt, M10 x 1.50 x 35 Metric Allen Head	
9	902100100	4	Washer, Lock M10	
10	200100082	1	Flywheel, Cummins with ZF 2012	
11	310100241	1	Flexplate, ZF	
12	301010201	1	Converter, Torque, ZF	
13	290000894	1	Mount, ZF Transmission R/H T3/T4i	
14	290000895	1	Mount, ZF Transmission L/H T3/T4i	
15	901100763	6	Washer, Lock M20	
16	901100764	6	Bolt, M20 x 2.5 x 40	
17	301100020	1	Transmission, ZF	
18	800404245	2	Fitting, 16 FLM x M33 x 2 ORM	
19	310100001	1	Filter, ZF Transmission	
20	902100100	12	Washer, Lock M10	
21	900100003	12	Bolt, HHCS M10 x 1.50 x 40	
22	350000317	1	O-ring	
23	860000036	1	Pump, Assembly ZF	Piston Pump P/N 860000030. Tandem Gear Pump P/N 860000037.
24	900100799	2	Bolt, HHCS M16 x 2.0 x 35	
25	902003046	2	Washer, Lock M16	
26	902003044	2	Washer, Flat M16	
27	901100467	4	Washer, Flat M12	
28	902003047	4	Washer, Lock M12	
29	900102334	4	Bolt, HHCS M12 x 1.75 x 35	
30	901100468	8	Washer, Thrust M12	
31	901100468	4	Bolt, M12 x 18	
32	201450304	1	Fuel Filter, Secondary Cummins T4i	Fuel Filter, Primary Cummins T4i - P/N 201450303



ZF Transmission

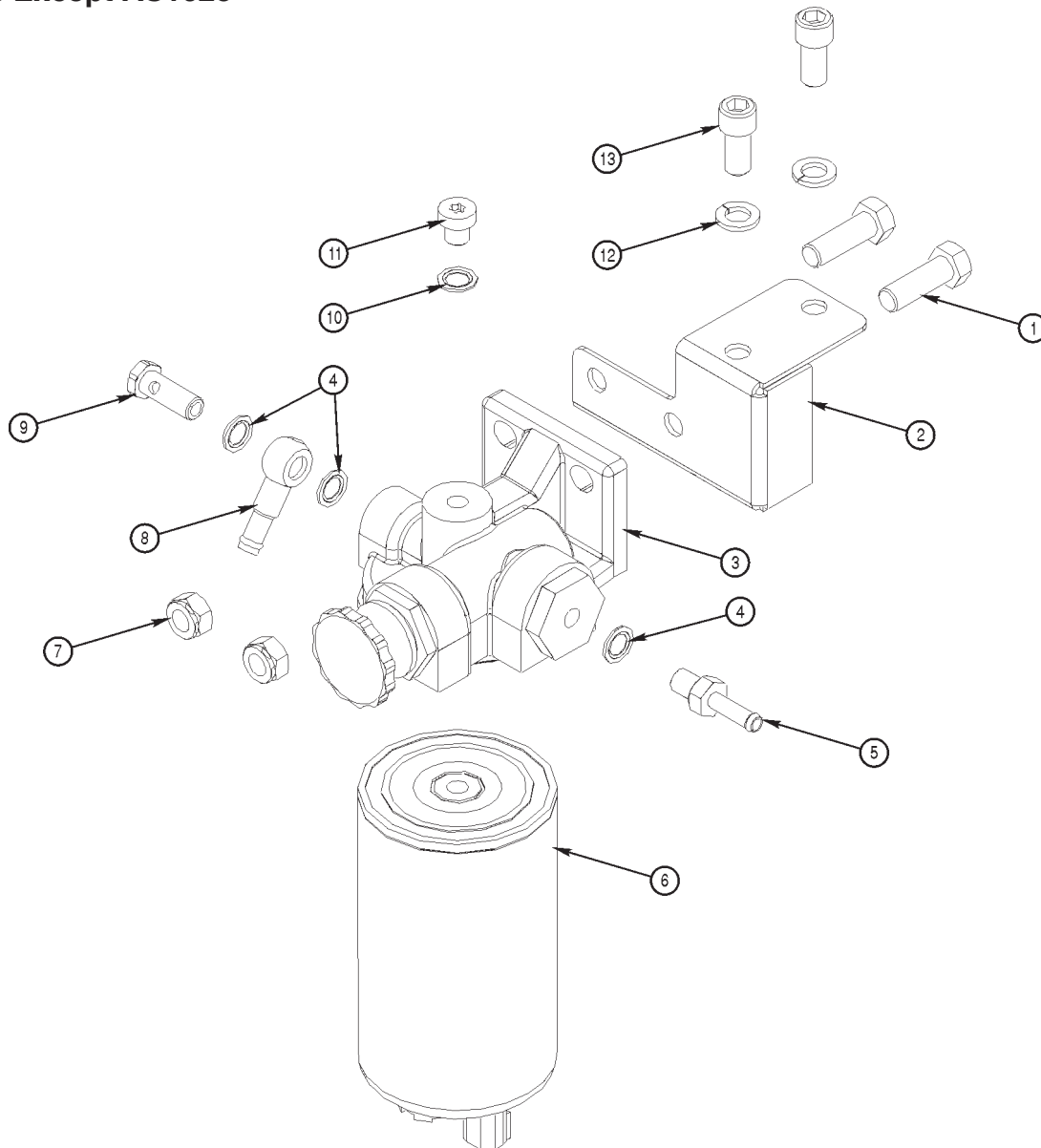
All Models



Item	Part Number	Qty	Description	Comments
1A	310100020	1	Transmission, ZF 215HP & Lower	Includes torque converter
1B	310100240	1	Transmission, ZF 275 HP	Includes torque converter
2	310100011	1	Pressure Regulator	
3	310100002	3	Inductive Sensor,Speed w/o-ring	
4	310100021	1	Speed Transmitter	
5	310100001	1	Filter, ZF	
6	800404245	2	Fitting, 16 FLM x M33 x 2 ORM	
7	310100024	1	Temperature sensor	
8	310100004	1	Switch	
9	310100213	1	Screen sheet, Dust cover	
10	310100023	1	Flange, Yoke	
11	900100005	2	Bolt, HHCS M10 x 1.5 x 30	
12A	301010201	1	Converter, Torque, ZF	
12B	312000000	1	Converter, Torque, ZF 275HP	
13	310100241	1	Flexplate, ZF	
14	901100469	4	Bolt, M12 x 18	
15	901100468	8	Washer, Thrust M12	
	310100154	1	Output Shaft Seal Ring (Slinger)	Not shown

Primary Fuel Filter Head

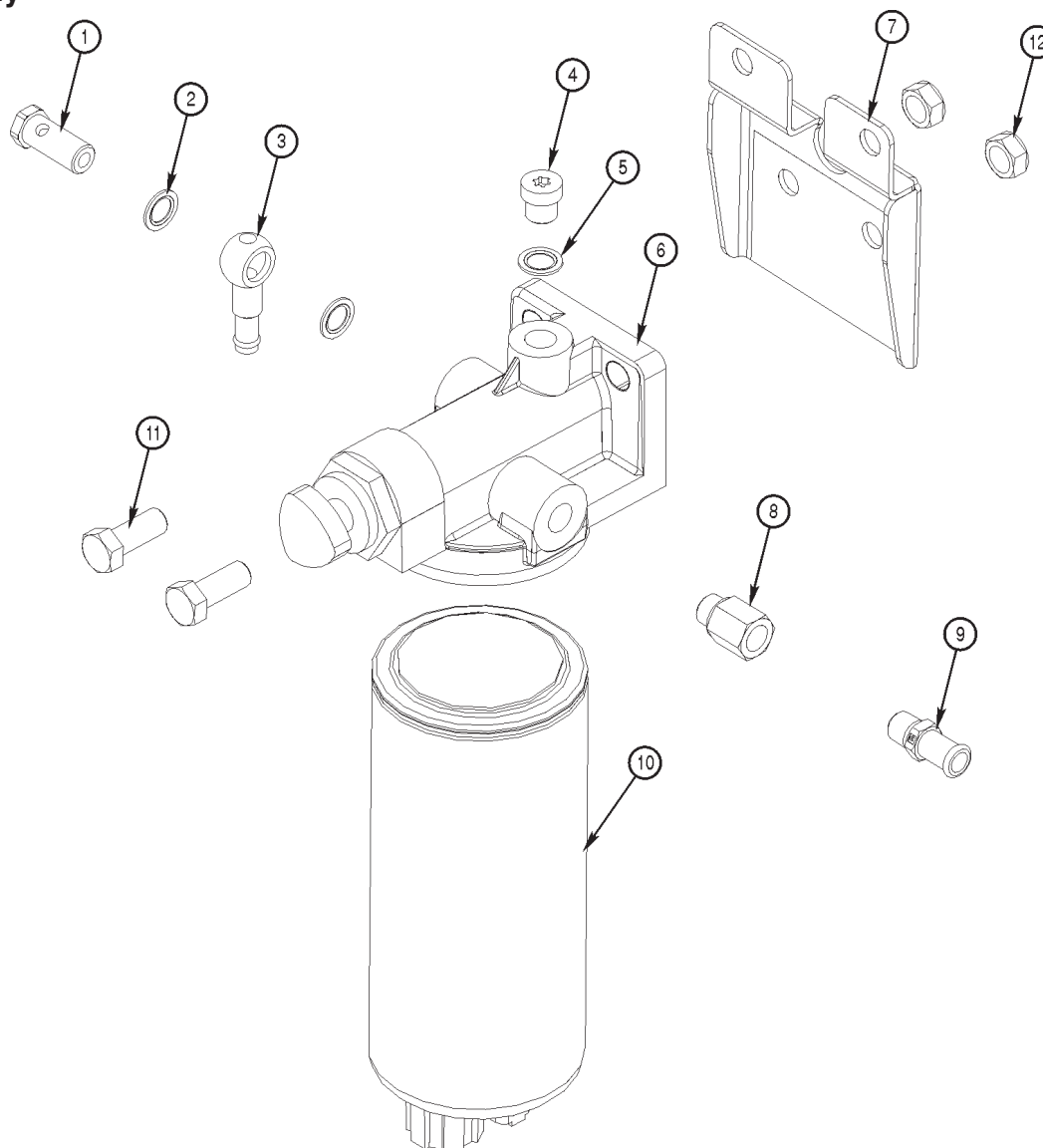
All Models Except AS1025



Item	Part Number	Qty	Description	Comments
1	900100585	2	Bolt, HHCS M12 x 1.75 x 30	
2	290000923	1	Bracket, Fuel Filter Cummins	
3	201450103	1	Housing, Fuel Filter (2011 Cummins Head Only)	Must order Filter Head Adapter P/N 290000932 to thread filter onto filter housing.
4	290000929	3	Seal,Washer O-ring Fuel Housing	
5	290000927	1	Fitting,Hose Barb, Inlet Fuel Housing	
6	201450242	1	Filter, Fuel Primary	201450243 Filter, Fuel Secondary
7	901100466	2	Nut, M12 x 1.75 Grade 10.9	
8	290000925	1	Fitting, Banjo Outlet Fuel Housing	
9	290000926	1	Fitting, Banjo Bolt on Fuel Housing	
10	290000930	1	Seal,Washer O-ring Fuel Housing	
11	290000928	1	Fitting,Plug Secondary Fuel Outlet	
12	902003047	2	Washer, Lock M12	
13	900102333	2	Bolt, SHCS M12 x 1.75 x 25	
	201450102		Assembly, Filter Head	Complete Assembly, Includes fuel filter.

Primary Fuel Filter Head

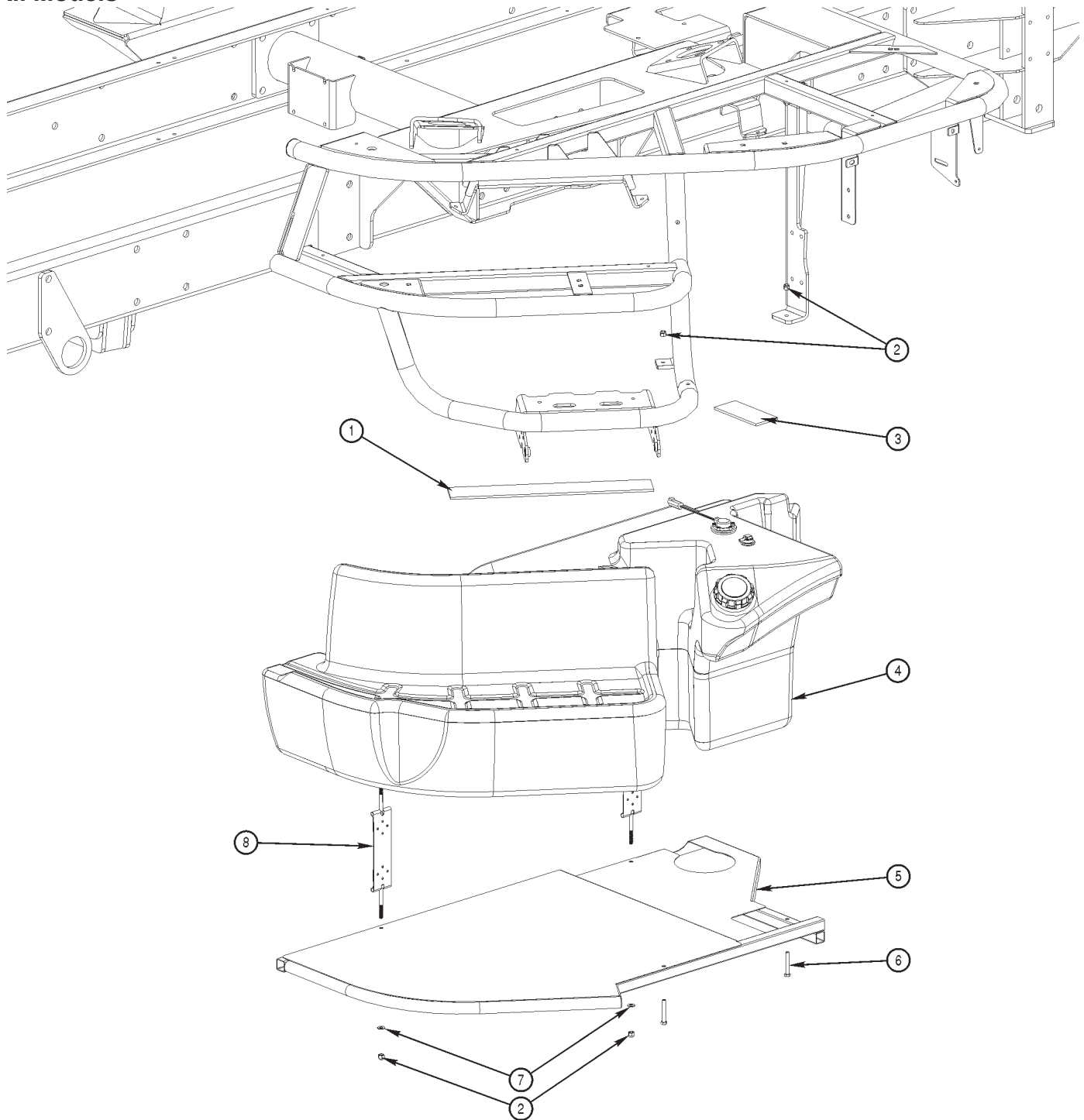
AS1025 Only



Item	Part Number	Qty	Description	Comments
1	290000937	1	Fitting, M14 Banjo Bolt	
2	290000938	2	Washer, M14 Copper	
3	290000936	1	Fitting, M14 Banjo x 6 HB	
4	201450308	1	Plug, M14x1.5x16 Fuel Filter T4i	
5	201450309	1	Seal, O-Ring M14 Fuel Filter T4i	
6	201450307	1	Head, Fuel Filter T4i	
7	290000933	1	Bracket Fuel/Water Cummins T4i	
8	290000935	1	Fitting, M14 Male x 1/4 Pipe Female	
9	290000934	1	Fitting, 8 HB x 4 PM	
10	201450303	1	Fuel filter, Primary	Fuel Filter, Secondary P/N 201450304
11	900100585	2	Bolt, HHCS M12 30 1.75 9 ZP	
12	901100466	2	Nut, M12 x 1.75 G10.9	
	201450310		Adapter, Fuel Filter Head T4i	Not shown
	201450311		Seal, Rectangular Ring Fuel Filter T4i	Not shown
	201450312		Adapter, Fuel Filter T4i	Not shown

Fuel Tank

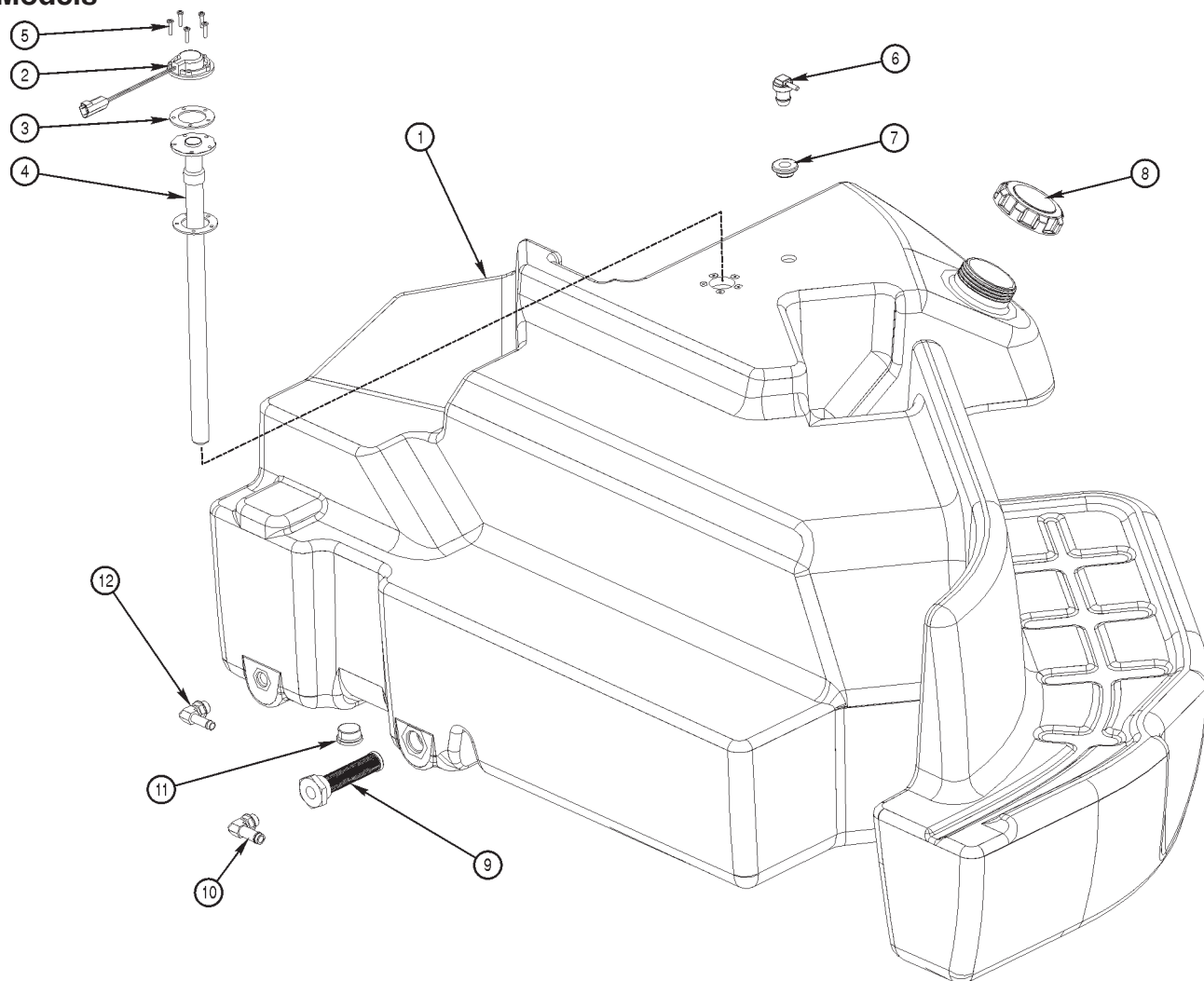
All Models



Item	Part Number	Qty	Description	Comments
1	201400028	1	Pad, Rubber, Fuel Tank (large)	
2	901003020	6	Nut, Nylock 3/8"	
3	201400029	1	Pad, Rubber, Fuel Tank (small)	
4	201400015	1	Tank, Fuel	100 Gallon
5	201400027	1	Support Pan, Fuel Tank	
6	900002845	2	Bolt, HHCS 3/8-16 x 2 G5 ZP	
7	902003195	4	Washer, Flat 5/16"	
8	201400025	2	Strap, Fuel Tank	15.61" end to end

Fuel Tank (cont.)

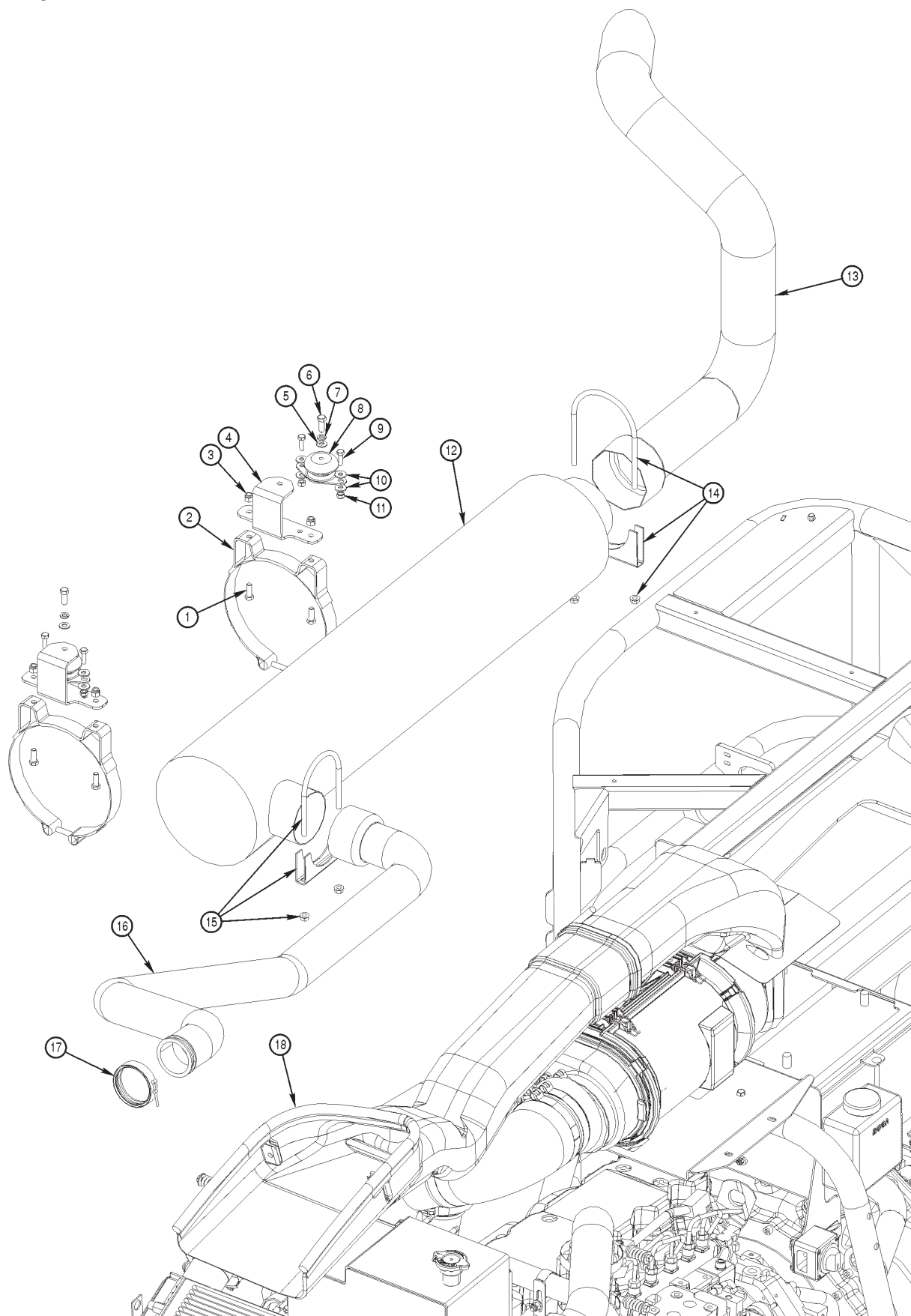
All Models



Item	Part Number	Qty	Description	Comments
1	201400015	1	Tank, Fuel	Can be used for replacement on 2011 but must order P/N 201400019 and 201450001
2	700010010	1	Sending unit, Tube Float	
3	700010012	1	Gasket, Fuel Sending Unit	
4	700010011	1	Fuel Sending Unit	
5	900002513	5	Capscrew, Buttonhead 10-32 x 1"	
6	201400017	1	Vent, Fuel Tank	
7	201400018	1	Grommet, Fuel Tank	
8A	201400019	1	Cap, Fuel	
8B	201400021	1	Cap, Fuel 3.5" ULSD 2013	Required for T4i Engines. Recommended for all models in regions where Ultra Low Sulfur Diesel is available.
9	201450001	1	Strainer 3.5", Fuel Tank	
10	800302501	1	Fitting, 8 ORM x 1/2" HB 90	
11	800000641	1	Plug, 1" Hollow Hex O-Ring	
12	800303027	1	Fitting, 4601-06-08 NWO	
	700000554	1	Jumper, Fuel Sender Voltage Suppressor	Not shown

Engine Exhaust Piping

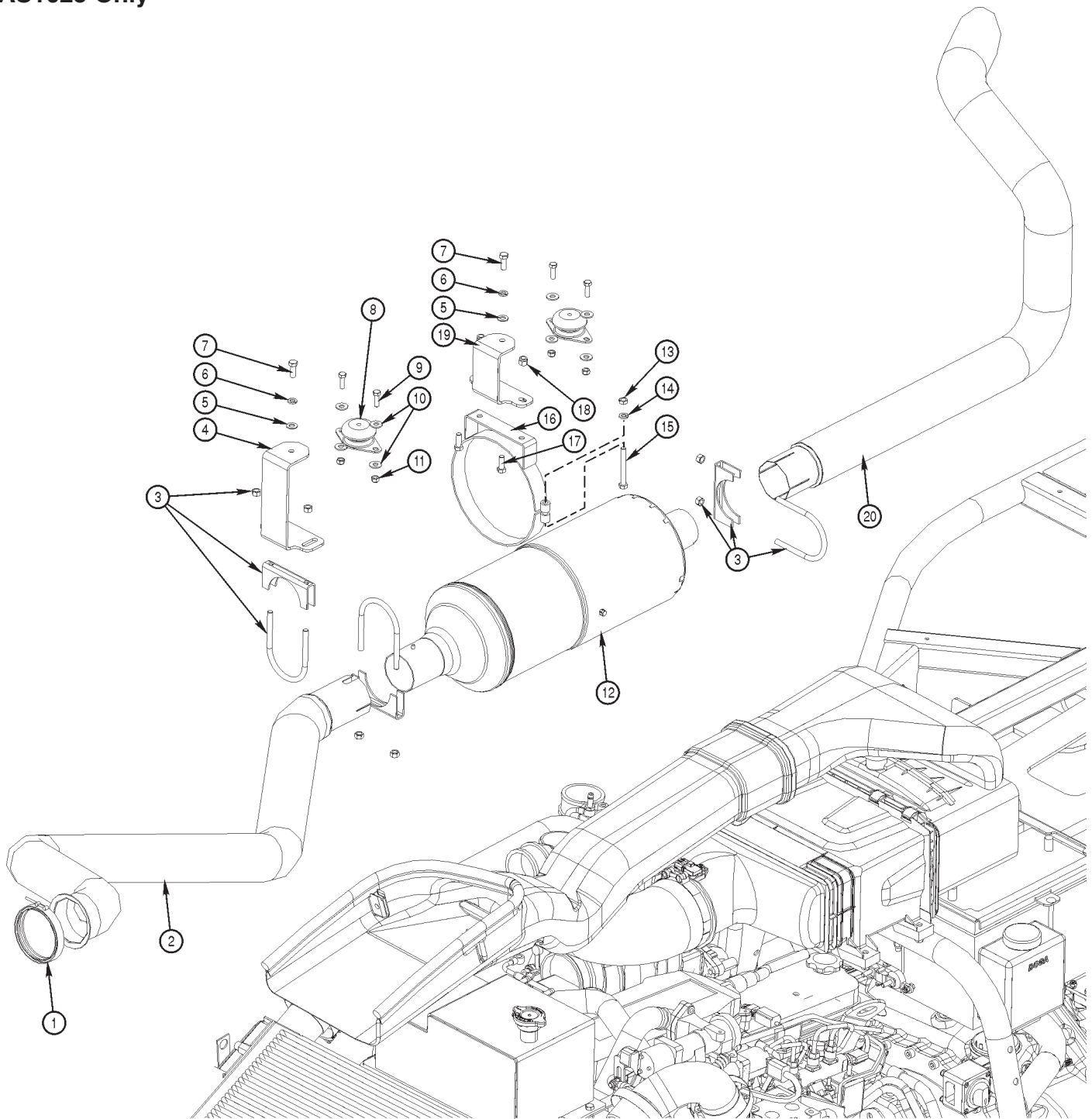
All Models Except AS1025



Item	Part Number	Qty	Description	Comments
1	900002815	4	Bolt, HHCS 3/8-16 x 1 G5 ZP	
2	201100021	2	Clamp, Muffler 9.00"	
3	901003010	4	Nut, Nylock 5/16"	
4	201100025	2	Bracket, Exhaust hanger	
5	902003200	2	Washer, Flat 3/8"	
6	900002815	2	Bolt, HHCS 3/8-16 x 1 G5 ZP	
7	900002806	2	Washer, Lock 3/8"	
8	290001020	2	Mount, Vibration, Control Exhaust	
9	900002610	4	Bolt, HHCS 5/16-18 x 1 G5 ZP	
10	902003195	8	Washer, Flat 5/16"	
11	901003010	4	Nut, Nylock 5/16"	
12	201100017	1	Muffler, Donaldson	
13	201200151	1	Tube, Exhaust Rear	
14	290000757	1	Clamp, 5" Exhaust U-Bolt	
15	290000753	1	Clamp, 4" Exhaust U-Bolt	
16	201200150	1	Tube, Exhaust Front	
17	290000755	1	Clamp 3" V-band Exhaust	
18	201200183	1	Cooling Package, Hydac	

Engine Exhaust Piping (cont.)

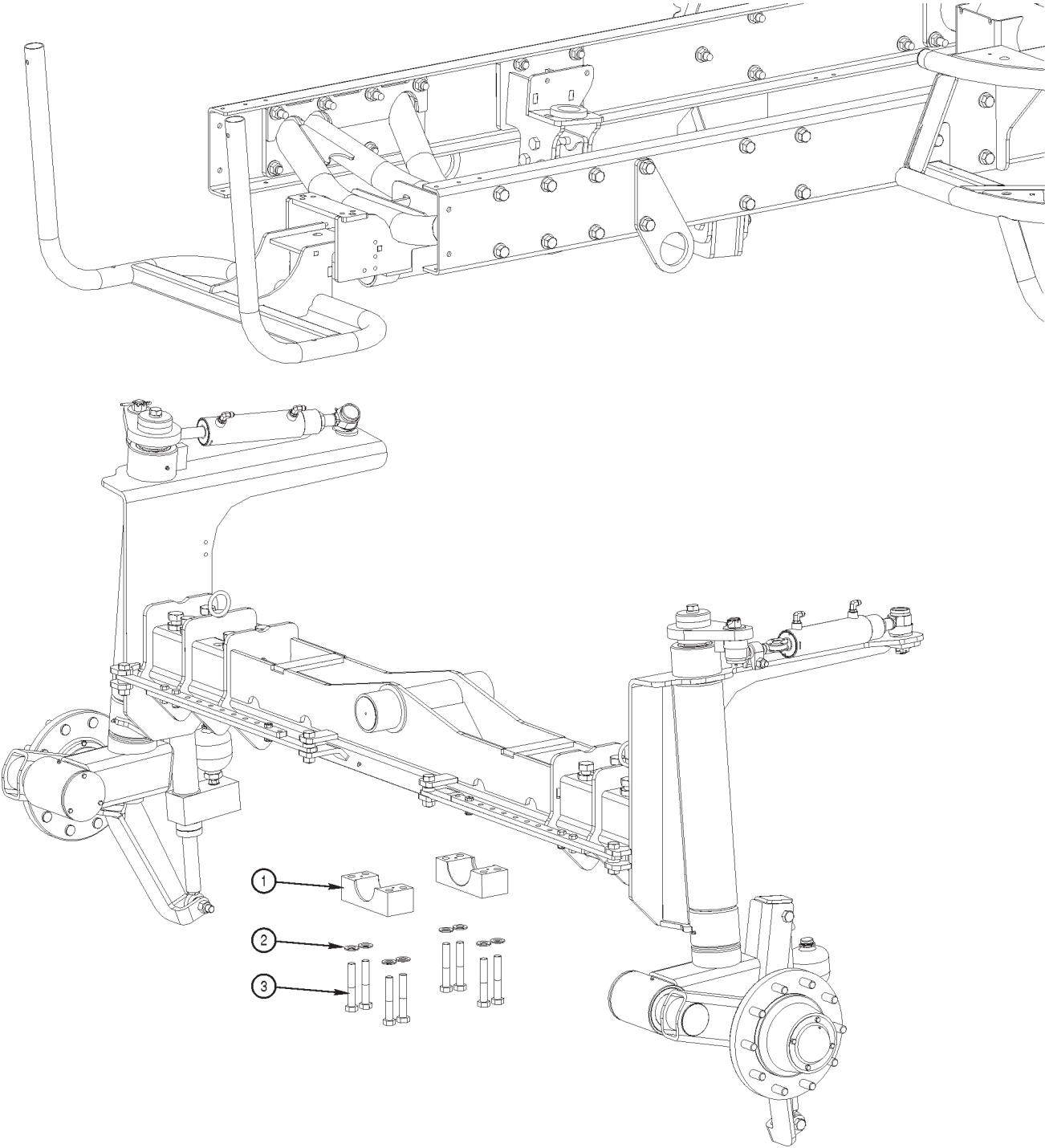
AS1025 Only



Item	Part Number	Qty	Description	Comments
1	251000000	1	Clamp, 4" V-band Exhaust	
2	201100052	1	Tube, Exhaust Turbo Out T4i	
3	290000700	3	Clamp, 3" Exhaust Heavy Duty	
4	201100051	1	Bracket, Exhaust Hanger (front) T4i	
5	902003200	2	Washer, Flat 3/8"	
6	900002806	2	Washer, Lock 3/8"	
7	900002815	4	Bolt, HHCS 3/8-16 x 1 G5 ZP	
8	290001020	2	Mount, Vibration, Control Exhaust	
9	900002610	4	Bolt, HHCS 5/16-18 x 1 G5 ZP	
10	902003195	8	Washer, Flat 5/16"	
11	901003010	4	Nut, Nylock 5/16"	
12	201100050	1	Aftertreatment, T4i Cummins Compact Catalyst	
13	931000009	1	3/8-16 Nut	
14	900002806	1	Washer, Lock 3/8"	
15	930000013	1	Bolt, HHCS 3/8-16 x 3 GR5	
16	201100056	1	Mount, Cummins CCC Band 8.25"	
17	900002815	4	Bolt, HHCS 3/8-16 x 1 G5 ZP	
18	901003020	2	Nut, Nylock 3/8-16	
19	201100055	1	Bracket, Exhaust Hanger (rear) T4i	
20	201100053	1	Tube, Exhaust Outlet T4i	

Front Axle

All Models

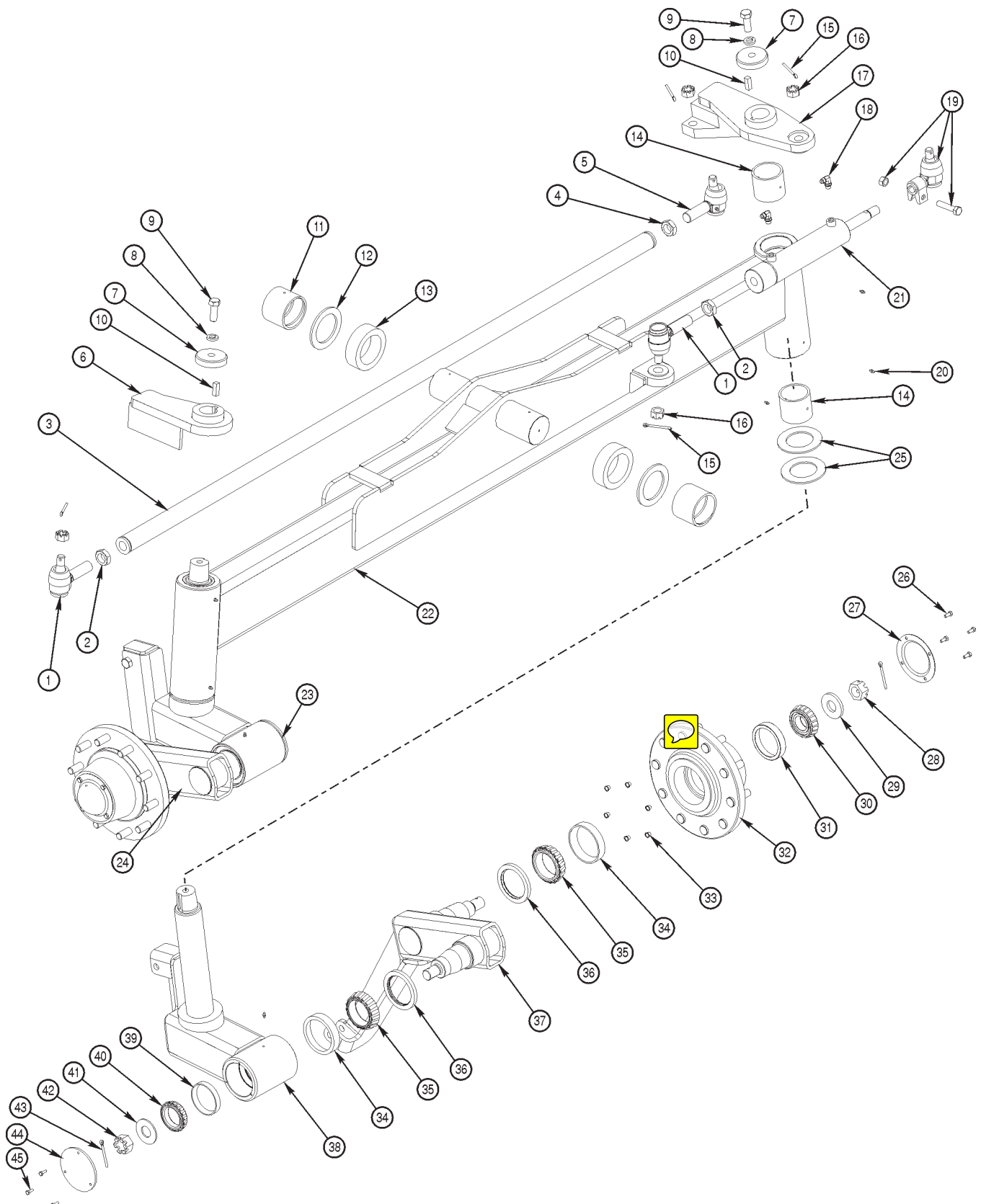


Item	Part Number	Qty	Description	Comments
1	100105239	2	Bearing, Carrier, Lower	
2	902000100	8	Washer, Flat 3/4" G8	
3	900011877	8	Bolt, HHCS 3/4-16 x 4 1/2 G8 ZP	

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120" Fixed Front Axle **42" Crop Clearance**

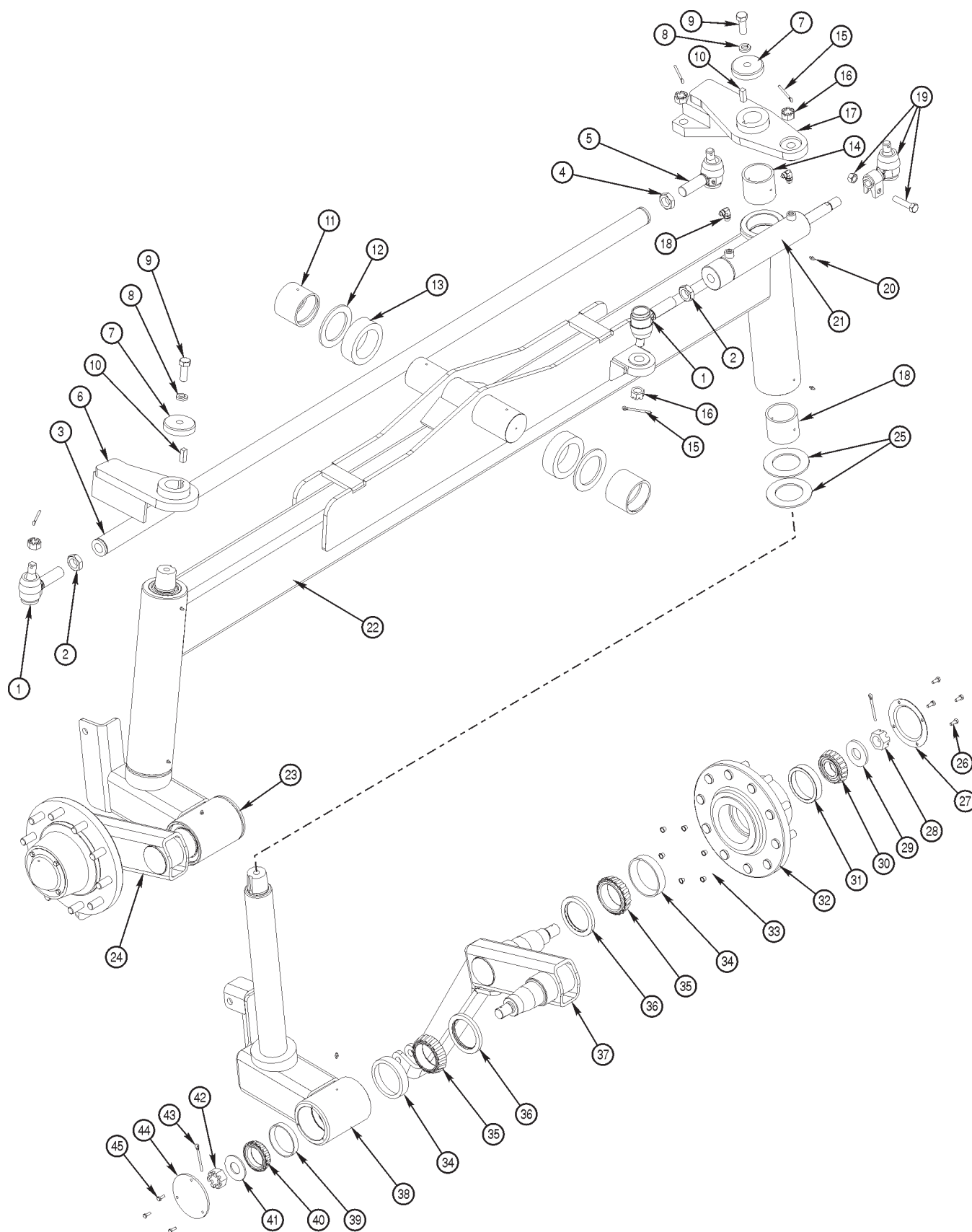
AS720, AS1020 and AS1025



Item	Part Number	Qty	Description	Comments
1	100800810	2	Tie Rod End, Male R/H Thread	
2	901002105	2	Nut, Jam 1 1/8-12 R/H Thread	
3	100105241	1	Tie Rod 120" Fixed	
4	901002106	1	Nut, Jam 1 1/8-12 L/H Thread	
5	100800815	1	Tie Rod End, Male L/H Thread	
6	100200125	1	Steering Arm, R/H Fixed	
7	100000400	2	Retainer Cap, 3.5" x 0.5	
8	902351000	2	Washer, Lock 3/4"	
9	900011875	2	Bolt, HHCS 3/4-16 x 2 1/2 G8 Z	
10	925000200	2	Key Stock 1/2 x 1/2 x 1 1/2 LG	
11	100105240	2	Bushing, 3.50" Front Axle	
12A	100105243	2	Washer, Bronze 3.5 x 5 x 0.19	
12B	100105248	2	Washer, Bronze 3.5 x 5 x 0.09	
13	100105242	2	Spacer, Pivot Pin, Fixed Front	
14	100100288	4	Bushing, 3" ID x 3 1/2" OD x 3" L	
15	904300207	4	Cotter Pin, 5/32" x 2"	
16	901000001	4	Nut, Castle 7/8-14	
17	100200126	1	Steering Arm, L/H Fixed	
18	800404215	2	Fitting, 6 FLM x 6 ORM 90	
19	100800800	1	Tie Rod End, Female	
20	915003010	6	Zerk, 1/4-28 NPT Straight	
21	850000130	1	Cylinder, Steering	
22	100105232	1	Axle, Front Fixed 42" CC HD	
23	100105234	1	Kingpin, R/H, Fixed 42" CC HD	
24	100106203	1	Outer Flex, R/H Suspension	
25	100105107	4	Washer, Thrust Bronze 3 x 5	
26	900002600	8	Bolt, HHCS 5/16-18 x 3/4 G5 ZP	
27	100107019	2	Cap, Hub HD	Gasket included
28	100106025	2	Nut, Castle 1 1/4 spindle	
29	931000007	2	Washer, 1.425 x 3 x 0.234	
30	100106077	2	Bearing, Cone	Bearing
31	100106076	2	Bearing, Cup	Race
32	100107022	2	Hub Assembly, HD 15,000 lb	
33	936000004	12	Caplug Tapered Dia. OD 0.419" to 0.485"	
34	100106071	4	Bearing, Cup	Race
35	100106072	4	Bearing, Cone	Bearing
36	100106091	4	Seal, Grease	
37	100106204	1	Outer Flex, L/H Suspension	
38	100105233	1	Kingpin, L/H, Fixed 42" CC HD	
39	100106070	2	Bearing, Cup	Race
40	100106080	2	Bearing, Cone	Bearing
41	902003090	2	Washer, Flat 1 1/4 ZP	
42	901000004	2	Nut, Castle, HD Inner Suspension	
43	100106027	4	Cotter Pin, Spindle	
44	100107012	2	Dust Cover, HD Outer Flex	
45	900002395	6	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
	A00000080		Kit, Fixed Axle Steering Hose	

120" Fixed Front Axle 50" Crop Clearance

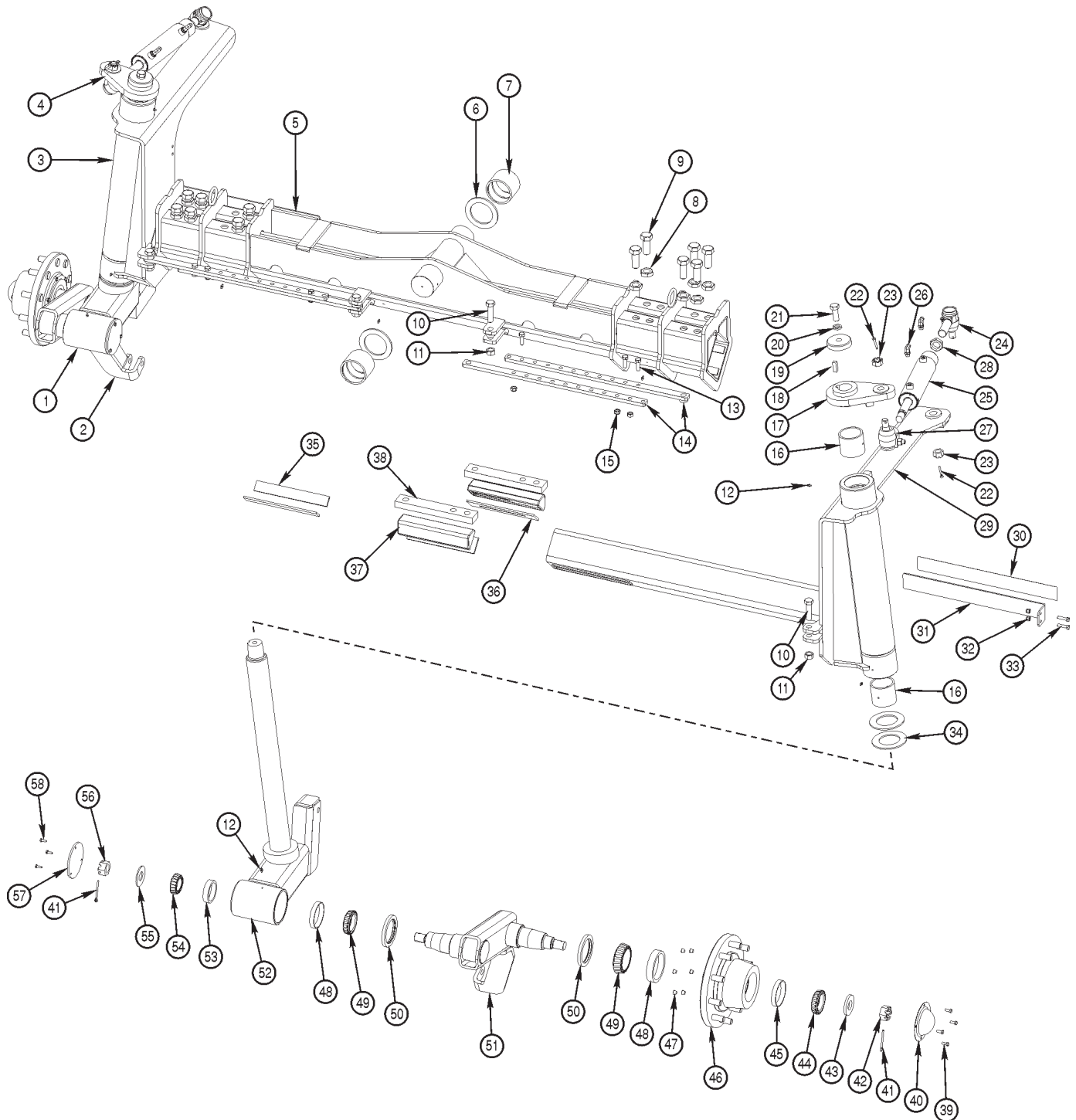
All Models



Item	Part Number	Qty	Description	Comments
1	100800810	2	Tie Rod End, Male R/H Thread	
2	901002105	1	Nut, Jam 1 1/8-12 R/H Thread	
3	100105241	1	Tie Rod 120" Fixed	
4	901002106	1	Nut, Jam 1 1/8-12 L/H Thread	
5	100800815	1	Tie Rod End, Male L/H Thread	
6	100200125	1	Steering Arm, R/H Fixed	
7	100000400	2	Retainer Cap, 3.5" x 0.5	
8	902351000	2	Washer, Lock 3/4"	
9	900011875	2	Bolt, HHCS 3/4-16 x 2 1/2 G8 Z	
10	925000200	2	Key Stock 1/2 x 1/2 x 1 1/2 LG	
11	100105240	2	Bushing, 3.50" Front Axle	
12A	100105243	2	Washer, Bronze 3.5 x 5.0 x 0.19	
12B	100105248	2	Washer, Bronze 3.5 x 5.0 x 0.06	
13	100105242	2	Spacer, Pivot Pin, Fixed Front	
14	100100288	4	Bushing, 3 ID x 3 1/2 OD x 3 L	
15	904300207	4	Cotter Pin, 5/32 x 2.00	
16	901000001	4	Nut, Castle 7/8-14	
17	100200126	1	Steering Arm, L/H Fixed	
18	800404215	2	Fitting, 6 FLM x 6 ORM 90	
19	100800800	1	Tie Rod End, Female	
20	915003010	6	Zerk, 1/4-28 NPT Straight	
21	850000130	1	Cylinder, Steering	
22	100105235	1	Axle, Front Fixed 50" CC HD	
23	100105216	1	Kingpin, R/H, Fixed 50" CC HD	
24	100106203	1	Outer Flex, R/H Suspension	
25	100105107	4	Washer, Thrust Bronze 3 x 5	
26	900002600	8	Bolt, HHCS 5/16-18 x 3/4 G5 ZP	
27	100107019	2	Cap, Hub HD	Gasket Included
28	100106025	2	Nut, Castle 1 1/4 spindle	
29	931000007	2	Washer, Flat 1.425 x 3 x 0.234	
30	100106077	2	Bearing, Cone	Bearing
31	100106076	2	Bearing, Cup	Race
32	100107022	2	Hub Assembly, HD 15,000 lb	
33	936000004	12	Caplug Tapered Dia. OD 0.419" to 0.485"	
34	100106071	4	Bearing, Cup	Race
35	100106072	4	Bearing, Cone	Bearing
36	100106091	4	Seal, Grease	
37	100106204	1	Outer Flex, L/H Suspension	
38	100105215	1	Kingpin, L/H, Fixed 50" CC HD	
39	100106070	2	Bearing, Cup	Race
40	100106080	2	Bearing, Cone	Bearing
41	902003090	2	Washer, Flat 1 1/4 ZP	
42	901000004	2	Nut, Castle, HD Inner Suspension	
43	100106027	4	Cotter Pin, Spindle	
44	100107012	2	Dust Cover, HD Outer Flex	
45	900002395	6	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
	A00000080		Kit, Fixed Axle Steering Hose	

120 to 160" Adjustable Front Axle 42" Crop Clearance

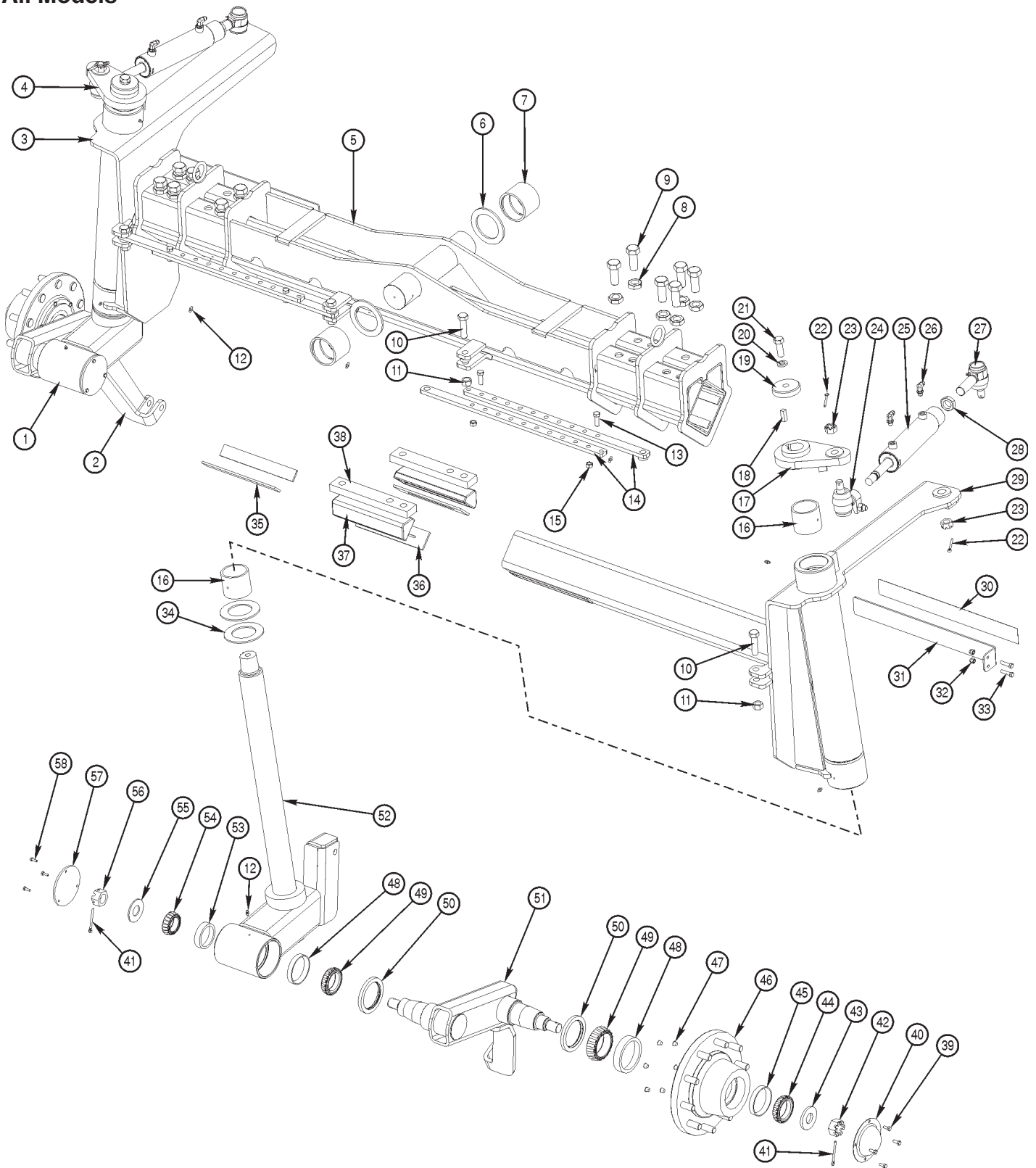
AS720, AS1020 and AS1025



Item	Part Number	Qty	Description	Comments
1	100106201	1	King Pin, 3.00" R/H, HD	
2	100106203	1	Suspension Flex Outer R/H,	
3	100105228	1	Axle, Front Male R/H 42" CC	
4	100200110	1	Steering Arm, R/H	
5	100105225	1	Axle, Front Center 120-160"	
6A	100105243	2	Washer, Bronze 3.5 x 5.0 x 0.19	
6B	100105248	2	Washer, Bronze 3.5 x 5.0 x 0.06	
7	100105240	2	Bushing, 3.50" Front Axle	
8	901002090	12	Nut, Jam 1"-8	
9	900007040	12	Bolt, HHCS 1"-8 x 2 1/2"	
10	900006640	4	Bolt, HHCS 3/4-16 x 3 G5 ZP	
11	901003075	4	Nut, Nylock 3/4-16 ZP	
12	915003010	10	Zerk, 1/4-28 NPT Straight	
13	900003270	4	Bolt, HHCS 1/2-13 x 2"	
14	100000317	4	Locking Bar, 120"-160"	
15	901003040	4	Nut, Nylock 1/2"-13	
16	100100288	4	Bushing, 3 ID x 3 1/2 OD x 3 L	
17	100200120	1	Steering Arm, L/H	
18	925000200	2	Key Stock 1/2 x 1/2 x 1 1/2 LG	
19	100000400	2	Retainer Cap, 3.5" x 0.5	
20	902351000	2	Washer, Lock 3/4"	
21	900011875	2	Bolt, HHCS 3/4-16 x 2 1/2 G8 Z	
22	904300207	4	Cotter Pin, 5/32 x 2.00	
23	901000001	4	Nut, Castle 7/8-14	
24	100800800	2	Tie Rod End, Female	
25	850000129	2	Cylinder, Steering Re-phasing	Seal Kit P/N 850000132
26	800404215	4	Fitting, 6 FLM x 6 ORM 90	
27	100800810	2	Tie Rod End, Male R/H Thread	
28	901002105	2	Nut, Jam 1 1/8-12 R/H Thread	
29	100105229	1	Axle, Front Male L/H 42" CC	
30A	100105246	1	Decal, Crop Width Indicator R/H	
30B	100105247	1	Decal, Crop Width Indicator L/H	
31	100105245	2	Bracket, Crop width Indicator	
32	901003020	4	Nut, Nylock 3/8-16	
33	900006604	4	Bolt, HHCS 3/8-16 x 1 1/4	
34	100105107	4	Washer, Thrust Bronze 3 x 5	
35	100200013	4	Wear Pad, Male Slider	
36	100200009	4	Wear Pad, Under Wedge Block	Manual Adjust and Adjust on the go
37A	100105134	4	Clamp Wedge Block casting	Manual Adjust
37B	100105144	4	Clamp Wedge Block casting	Adjust on the go
38	100105244	4	Clamp Plate, Threaded	
39	900002600	8	Bolt, HHCS 5/16-18 x 3/4 G5 ZP	
40	100107019	2	Cap, Hub HD	Gasket Included
41	100106027	4	Cotter Pin, Spindle	
42	100106025	2	Nut, Castle 1 1/4 spindle	
43	931000007	2	Washer, Flat 1.425 x 3 x 0.234	
44	100106077	2	Bearing, Cone	Bearing
45	100106076	2	Bearing, Cup	Race
46	100107022	2	Hub Assembly,HD 15,000 lb	
47	936000004	12	Caplug Tapered Dia. OD 0.419" to 0.485"	
48	100106071	4	Bearing, Cup	Race
49	100106072	4	Bearing, Cone	Bearing
50	100106091	4	Seal, Grease	
51	100106204	1	Suspension Flex Outer L/H,	
52	100106202	1	King Pin, 3.00" L/H, HD	
53	100106070	2	Bearing, Cup	Race
54	100106080	2	Bearing, Cone	Bearing
55	902003090	2	Washer, Flat 1 1/4 ZP	
56	901000004	2	Nut, Castle,HD Inner Suspension	
57	100107012	2	Dust Cover, HD Outer Flex	
58	900002395	6	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
	A00000079		Kit, Adjustable Axle Steering Hose	

120 to 160" Adjustable Front Axle 50" Crop Clearance

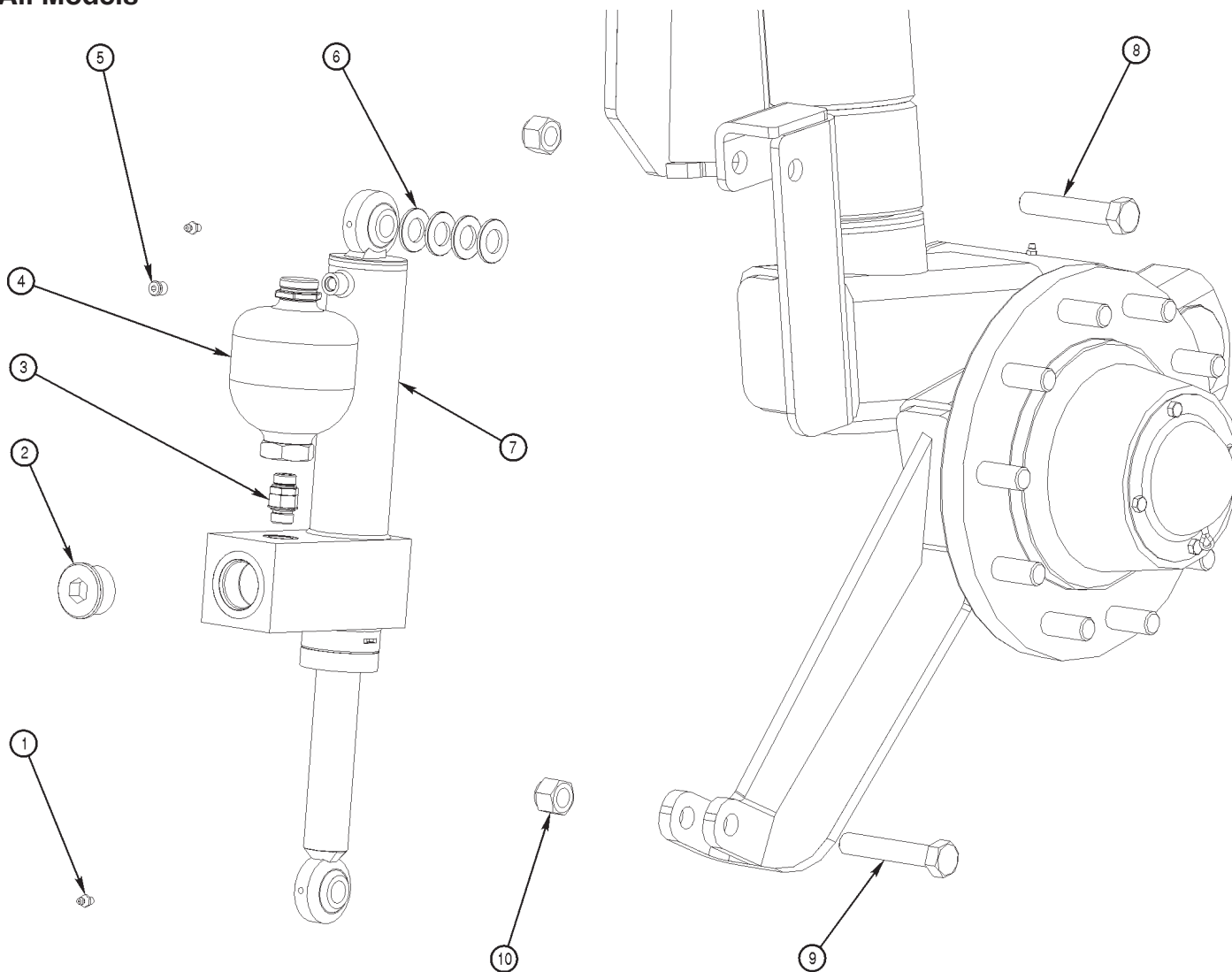
All Models



Item	Part Number	Qty	Description	Comments
1	100106201	1	King Pin, 3.00" R/H, HD	
2	100106203	1	Suspension Flex Outer R/H,	
3	100105230	1	Axle, Front Male R/H 50" CC	
4	100200110	1	Steering Arm, R/H	
5	100105225	1	Axle, Front Center 120-160"	
6A	100105243	2	Washer, Bronze 3.5 x 5.0 x 0.19	
6B	100105248	2	Washer, Bronze 3.5 x 5.0 x 0.06	
7	100105240	2	Bushing, 3.50" Front Axle	
8	901002090	12	Nut, Jam 1"-8	
9	900007040	12	Bolt, HHCS 1"-8 x 2 1/2"	
10	900006640	4	Bolt, HHCS 3/4-16 x 3 G5 ZP	
11	901003075	4	Nut, Nylock 3/4-16 ZP	
12	915003010	10	Zerk, 1/4-28 NPT Straight	
13	900003270	4	Bolt, HHCS 1/2-13 x 2"	
14	100000317	4	Locking Bar, 120"-160"	
15	901003040	4	Nut, Nylock 1/2"-13	
16	100100288	4	Bushing, 3 ID x 3 1/2 OD x 3 L	
17	100200120	1	Steering Arm, L/H	
18	925000200	2	Key Stock 1/2 x 1/2 x 1 1/2 LG	
19	100000400	2	Retainer Cap, 3.5" x 0.5	
20	902351000	2	Washer, Lock 3/4"	
21	900011875	2	Bolt, HHCS 3/4-16 x 2 1/2 G8 Z	
22	904300207	4	Cotter Pin, 5/32 x 2.00	
23	901000001	4	Nut, Castle 7/8-14	
24	100800800	2	Tie Rod End, Female	
25	850000129	2	Cylinder, Steering Re-phasing	Seal Kit P/N 850000132
26	800404215	4	Fitting, 6 FLM x 6 ORM 90	
27	100800810	2	Tie Rod End, Male R/H Thread	
28	901002105	2	Nut, Jam 1 1/8-12 R/H Thread	
29	100105231	1	Axle, Front Male L/H 50" CC	
30A	100105246	1	Decal, Crop Width Indicator R/H	
30B	100105247	1	Decal, Crop Width Indicator L/H	
31	100105245	2	Bracket, Crop width Indicator	
32	901003020	4	Nut, Nylock 3/8-16	
33	900006604	4	Bolt, HHCS 3/8-16 x 1 1/4	
34	100105107	4	Washer, Thrust Bronze 3 x 5	
35	100200013	4	Wear Pad, Male Slider	
36	100200009	4	Wear Pad, Under Wedge Block	Manual Adjust and Adjust on the go
37A	100105134	4	Clamp Wedge Block casting	Manual Adjust
37B	100105144	4	Clamp Wedge Block casting	Adjust on the go
38	100105244	4	Clamp Plate, Threaded	
39	900002600	8	Bolt, HHCS 5/16-18 x 3/4 G5 ZP	
40	100107019	2	Cap, Hub HD	Gasket Included
41	100106027	4	Cotter Pin, Spindle	
42	100106025	2	Nut, Castle 1 1/4 spindle	
43	931000007	2	Washer, Flat 1.425 x 3 x 0.234	
44	100106077	2	Bearing, Cone	Bearing
45	100106076	2	Bearing, Cup	Race
46	100107022	2	Hub Assembly,HD 15,000 lb	
47	936000004	12	Caplug Tapered Dia. OD 0.419" to 0.485"	
48	100106071	4	Bearing, Cup	Race
49	100106072	4	Bearing, Cone	Bearing
50	100106091	4	Seal, Grease	
51	100106204	1	Suspension Flex Outer L/H,	
52	100106202	1	King Pin, 3.00" L/H, HD	
53	100106070	2	Bearing, Cup	Race
54	100106080	2	Bearing, Cone	Bearing
55	902003090	2	Washer, Flat 1 1/4 ZP	
56	901000004	2	Nut, Castle,HD Inner Suspension	
57	100107012	2	Dust Cover, HD Outer Flex	
58	900002395	6	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
	A00000079		Kit, Adjustable Axle Steering Hose	

Front Strut

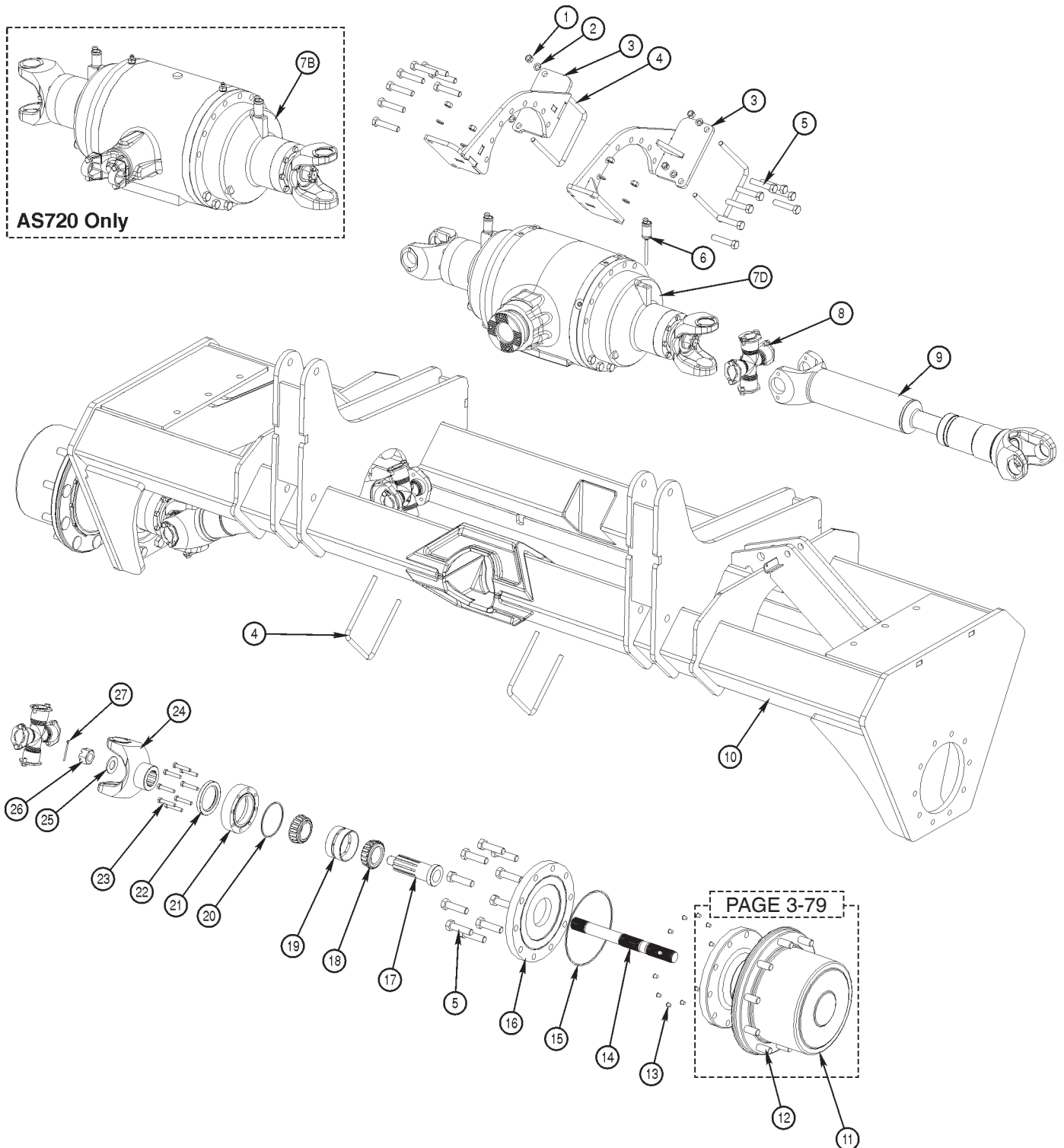
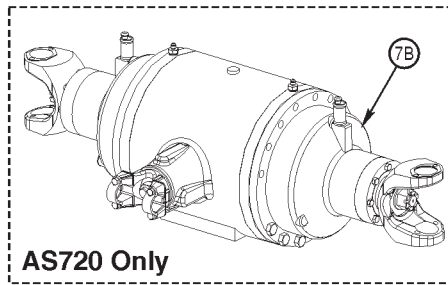
All Models



Item	Part Number	Qty	Description	Comments
1	915003010	2	Zerk, 1/4-28 NPT Straight	
2	800100622	1	Plug, Front Suspension Block	
3	800302140	1	Fitting, 8 ORM x 8 ORM	
4	100106502	1	Accumulator, Front Suspension	
5	800000615	1	Plug, 1/2"	
6	902003070	4	Washer, Flat 3/4"	
7	100106514	1	Strut, Front Assembly	Seal Kit 100106515. AS720 Precharged at 800 psi. AS1020 and AS1220 Precharged at 900 psi.
8	900006655	1	Bolt, HHCS 3/4-16 x 4" G5 ZP	
9	900006645	1	Bolt, HHCS 3/4-16 x 3 1/2" G5 ZP	
10	901000780	2	Nut, FHNT 3/4-16 G5 ZP	
	100106520	A/R	Rebuilt Strut, Front Assembly	
	100106517	A/R	Shaft,With Rod-end, Front Strut	
	100106518	A/R	Retaining Ring	
	100106519	A/R	Piston	
	100106521	A/R	Wear Ring	
	980000419		Accumulator Gauge & Regulator Charge Kit	Allows charging of allen head style valves
	980000421		Adapter, Gas Valve	Allows charging of European style valves
	980000064		Low Profile Adapter	
	550000000		Accumulator Charge Kit	Allows charging of Schrader style valves

120" Fixed Rear Axle 42" Crop Clearance

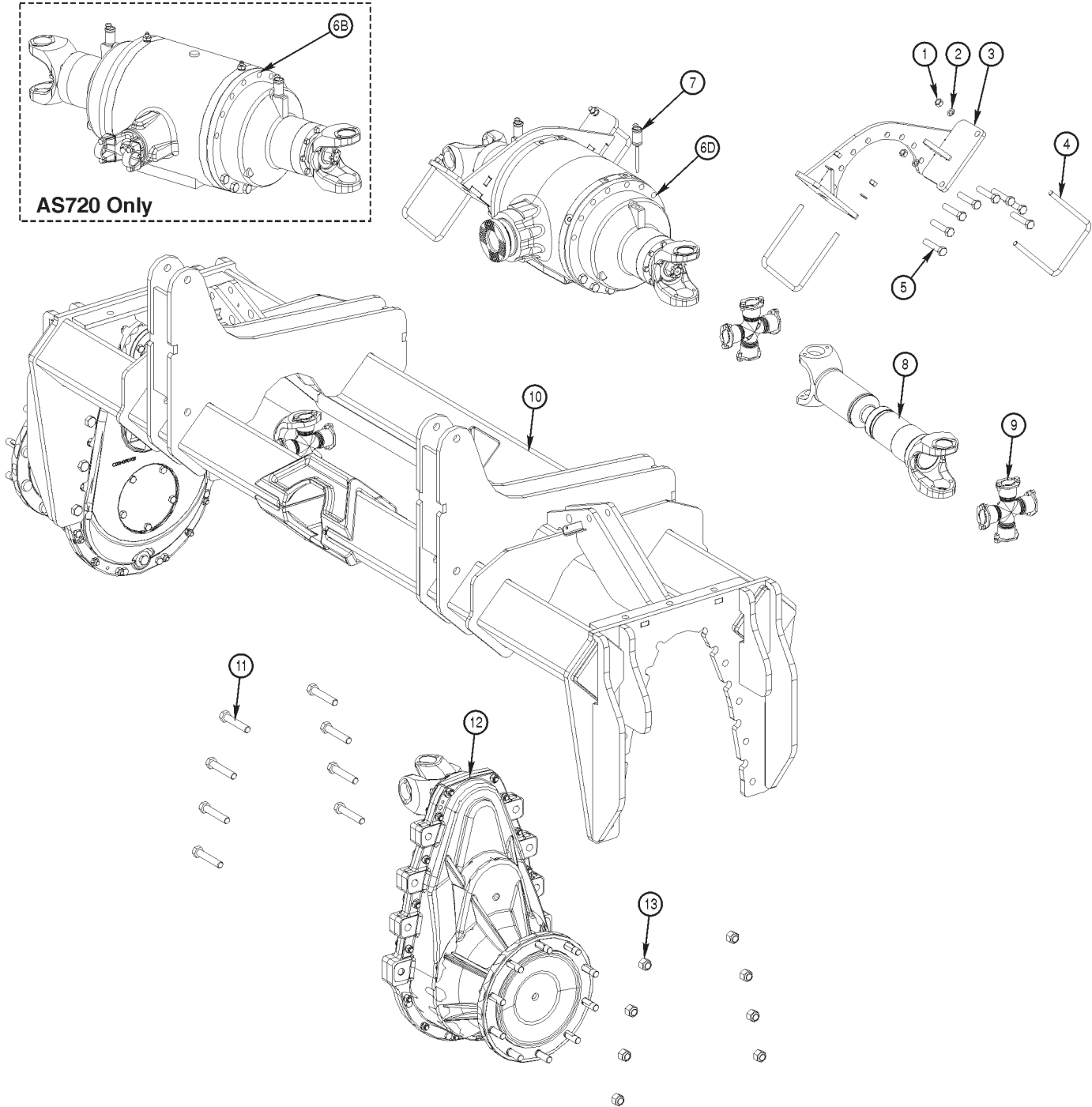
AS720, AS1020 and AS1025



Item	Part Number	Qty	Description	Comments
1	901003040	8	Nut, Nylock 1/2-13	
2	902003211	8	Washer, Flat 1/2" Thick G8	
3	100105120	2	Support, Differential Center	
4	915002562	4	U-Bolt, 1/2" x 8"	
5	900002359	36	Bolt, HHCS M16-2.0 x 80 x 8.8	
6	301200060	2	Breather, Extension Rear Axle	
7A	K65000044	1	Rear Differential, Complete	AS720
7B	350000153	1	Center Differential Only	AS720
7C	K65000248	1	Rear Differential, Complete	AS1020, AS1025 and AS1220
7D	350000145	1	Center Differential Only	AS1020, AS1025 and AS1220
8	350000600	4	Kit, Spicer U-Joint	Includes caps bearings and bolts
9A	351001013	2	Drive Shaft, 120" Assembly	
9B	301100027	2	Drive Shaft, Rear 300 HP	AS1020 Plus II and AS1220 Plus II
10	100105236	1	Axle, Rear Fixed 42" CC	
11	350000151	2	Planetary Hub Assembly	
12	350000190	20	Stud, 3.25" Planetary	
13	936000004	12	Caplug Tapered Dia. OD 0.419" to 0.485"	
14	351000400	2	Axle Shaft, Planetary Hub	14 1/4"
15	351000706	2	O-ring	Between planetary and yoke housing
16	351000900	2	Outer Yoke Housing	
17	351000800	4	Internal/External Splined Shaft	
18	351000701	8	Bearing Cone	Bearing
19	351000702	4	Bearing Cup	Race (double sided)
20	351000704	4	O-ring	Between Bearing Cap and Yoke Housing
21	351000700	4	Bearing Cap	Also houses oil seal
22	351000703	4	Oil Seal	
23	900005565	32	Bolt, HHCS 3/8-24 x 2"	
24	350000700	4	End Yoke Splined	
25	100106022	4	Washer, Flat 1" 3/16" Thick G8	
26	100106023	4	Nut, Castle 1-14	
27	100106021	4	Cotter Pin, Spindle	
	K65000056		Assembly, Planetary Hub	Complete Assembly

120" Fixed Rear Axle
50" Crop Clearance

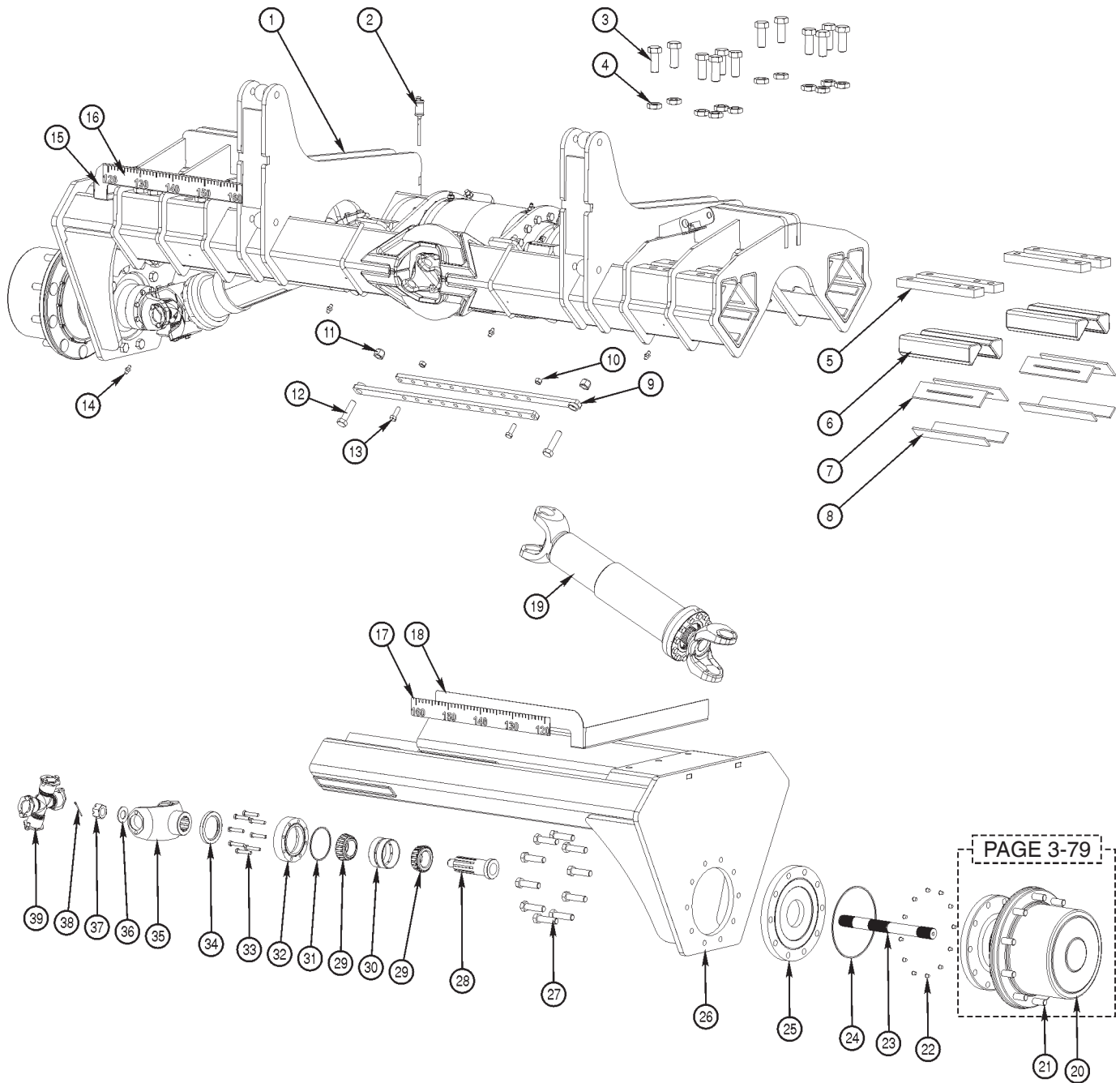
All Models



Item	Part Number	Qty	Description	Comments
1	901003040	8	Nut, Nylock 1/2-13	
2	902003211	8	Washer, Flat 1/2" Thick G8	
3	100105120	2	Support, Differential Center	
4	915002562	4	U-Bolt, 1/2" x 8"	
5	900002359	36	Bolt, HHCS M16-2.0 x 80 x 8.8	
6A	K65000044	1	Rear Differential, Complete	AS720
6B	350000153	1	Center Differential Only	AS720
6C	K65000248	1	Rear Differential, Complete	AS1020, AS1025 and AS1220
6D	350000145	1	Center Differential Only	AS1020, AS1025 and AS1220
7	301200060	2	Breather, Extension Rear Axle	
8	351001016	2	Driveshaft Assembly, 50"/120" Fixed	
9	350000600	4	Kit, Spicer U-Joint	Includes caps bearings and bolts
10	100105237	1	Axle, Rear fixed 50" CC	
11	900006655	16	Bolt, HHCS 3/4-16 x 4 G5 ZP	
12	350000170	2	Drop Box Assembly 18" drop	
13	901003075	16	Nut, Nylock 3/4-16 ZP	

120 to 160" Adjustable Rear Axle 42" Crop Clearance

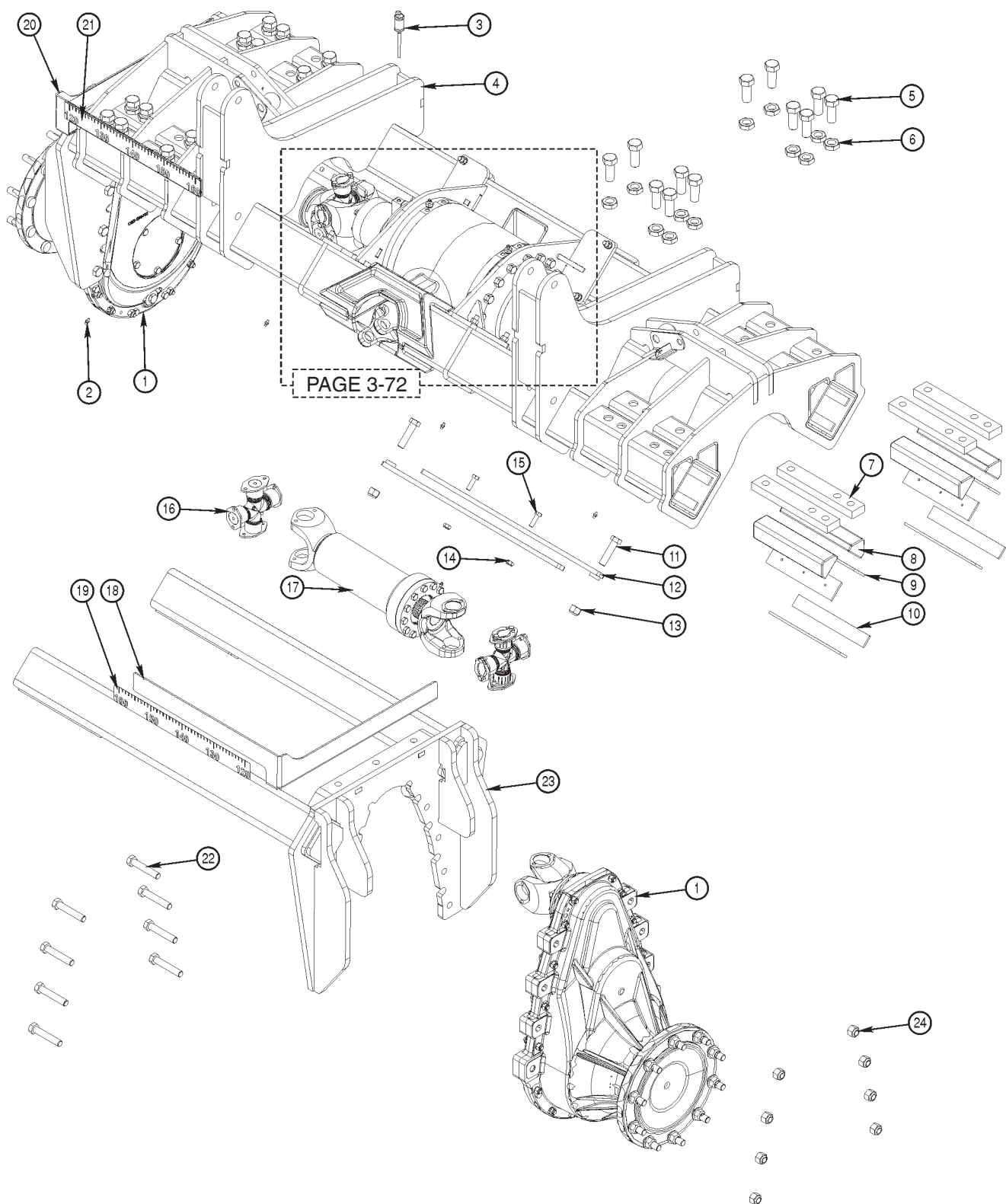
AS720, AS1020 and AS1025



Item	Part Number	Qty	Description	Comments
1	100105221	1	Axle, Rear Center 42" CC	
2	301200060	2	Breather, Extension Rear Axle	
3	900007040	24	Bolt, HHCS 1"-8 x 2 1/2"	
4	901002090	24	Nut, Jam 1"-8	
5	100105244	12	Clamp Plate, Threaded	
6A	100105134	8	Clamp Wedge Block casting	Manual Adjust
6B	100105144	8	Clamp Wedge Block casting	Adjust on the go
7	100200009	8	Wear Pad, Under Wedge Block	Manual Adjust and Adjust on the go
8	100200013	8	Wear Pad, Male Slider	
9	100000317	4	Locking Bar, 120"-160"	
10	901003040	4	Nut, Nylock 1/2"-13	
11	901003075	4	Nut, Nylock 3/4-16 ZP	
12	900006640	4	Bolt, HHCS 3/4-16 x 3 G5 ZP	
13	900003270	4	Bolt, HHCS 1/2-13 x 2"	
14	915003010	8	Zerk, 1/4-28 NPT Straight	
15	184000000	1	Bracket, Right Rear Crop Width	
16	100105247	1	Decal, Crop Width Indicator	Used for RH Rear and LH Front locations.
17	100105246	1	Decal, Crop Width Indicator	Used for LH Rear and RH Front locations.
18	184000001	1	Bracket, Left Rear Crop Width	
19	351001017	2	Drive Shaft, 120" - 160" 42" CC	
20	350000151	2	Planetary Hub Assembly	
21	350000190	20	Stud, 3.25" Planetary	
22	936000004	12	Caplug Tapered Dia. OD 0.419" to 0.485"	
23	351000400	2	Axle Shaft, Planetary Hub	14 1/4"
24	351000706	2	O-ring	Between planetary and yoke housing
25	351000900	2	Outer Yoke Housing	
26	100105223	2	Axle, Rear Male 42" CC	
27	900002359	20	Bolt, HHCS M16-2.0 x 80 x 8.8	
28	351000800	4	Internal/External Splined Shaft	
29	351000701	4	Bearing Cone	Bearing
30	351000702	2	Bearing Cup	Race (double sided)
31	351000704	4	O-ring	Between Bearing Cap and Yoke Housing
32	351000700	4	Bearing Cap	Also houses oil seal
33	900005565	16	Bolt, HHCS 3/8-24 x 2"	
34	351000703	2	Oil Seal	
35	350000700	4	End Yoke Splined	
36	100106022	4	Washer, Flat 1" 3/16" Thick G8	
37	100106023	2	Nut, Castle 1-14	
38	100106021	2	Cotter Pin, Spindle	
39	350000600	4	Kit, Spicer U-Joint	Includes caps bearings and bolts
	K65000056		Assembly, Planetary Hub	Complete Assembly

120 to 160" Adjustable Rear Axle 50" Crop Clearance

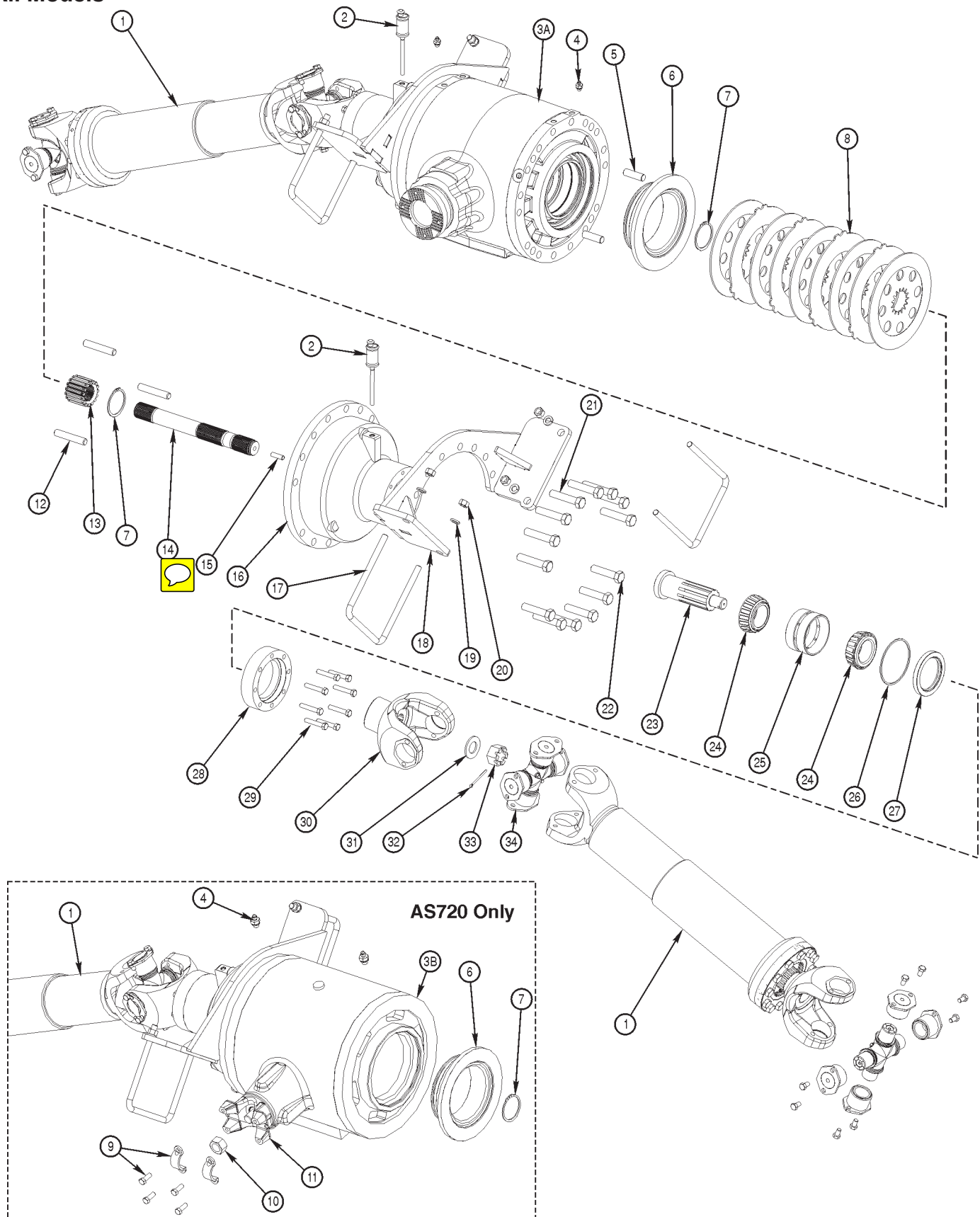
All Models



Item	Part Number	Qty	Description	Comments
1	350000170	2	Drop Box assembly	50" CC Machines
2	915003010	8	Zerk, 1/4-28 NPT Straight	
3	301200060	2	Breather, Extension Rear Axle	
4	100105221	1	Axle, Rear Center 50" CC	
5	900007040	24	Bolt, HHCS 1"-8 x 2 1/2"	
6	901002090	24	Nut, Jam 1"-8	
7	100105244	8	Clamp Plate, Threaded	
8A	100105134	8	Clamp Wedge Block casting	Manual Adjust
8B	100105144	8	Clamp Wedge Block casting	Adjust on the go
9	100200009	8	Wear Pad, Under Wedge Block	Manual Adjust and Adjust on the go
10	100200013	8	Wear Pad, Male Slider	
11	900006640	4	Bolt, HHCS 3/4-16 x 3 G5 ZP	
12	100000317	4	Locking Bar, 120"-160"	
13	901003075	4	Nut, Nylock 3/4-16 ZP	
14	901003040	4	Nut, Nylock 1/2"-13	
15	900003270	4	Bolt, HHCS 1/2-13 x 2"	
16	350000600	4	Kit, Spicer U-Joint	Includes caps bearings and bolts
17	351001018	2	Drive shaft, 120" - 160" 50" CC	
18	184000001	1	Bracket, Left Rear Crop Width	
19	100105246	1	Decal, Crop Width Indicator	Used for LH Rear and RH Front locations.
20	184000000	1	Bracket, Right Rear Crop Width	
21	100105247	1	Decal, Crop Width Indicator	Used for RH Rear and LH Front locations.
22	900006655	8	Bolt, HHCS 3/4-16 x 4 G5 ZP	
23	100105224	2	Axle, Rear Male 50" CC	
24	901003075	8	Nut, Nylock 3/4-16 ZP	

Rear Differential with Adjustable Drive Shaft

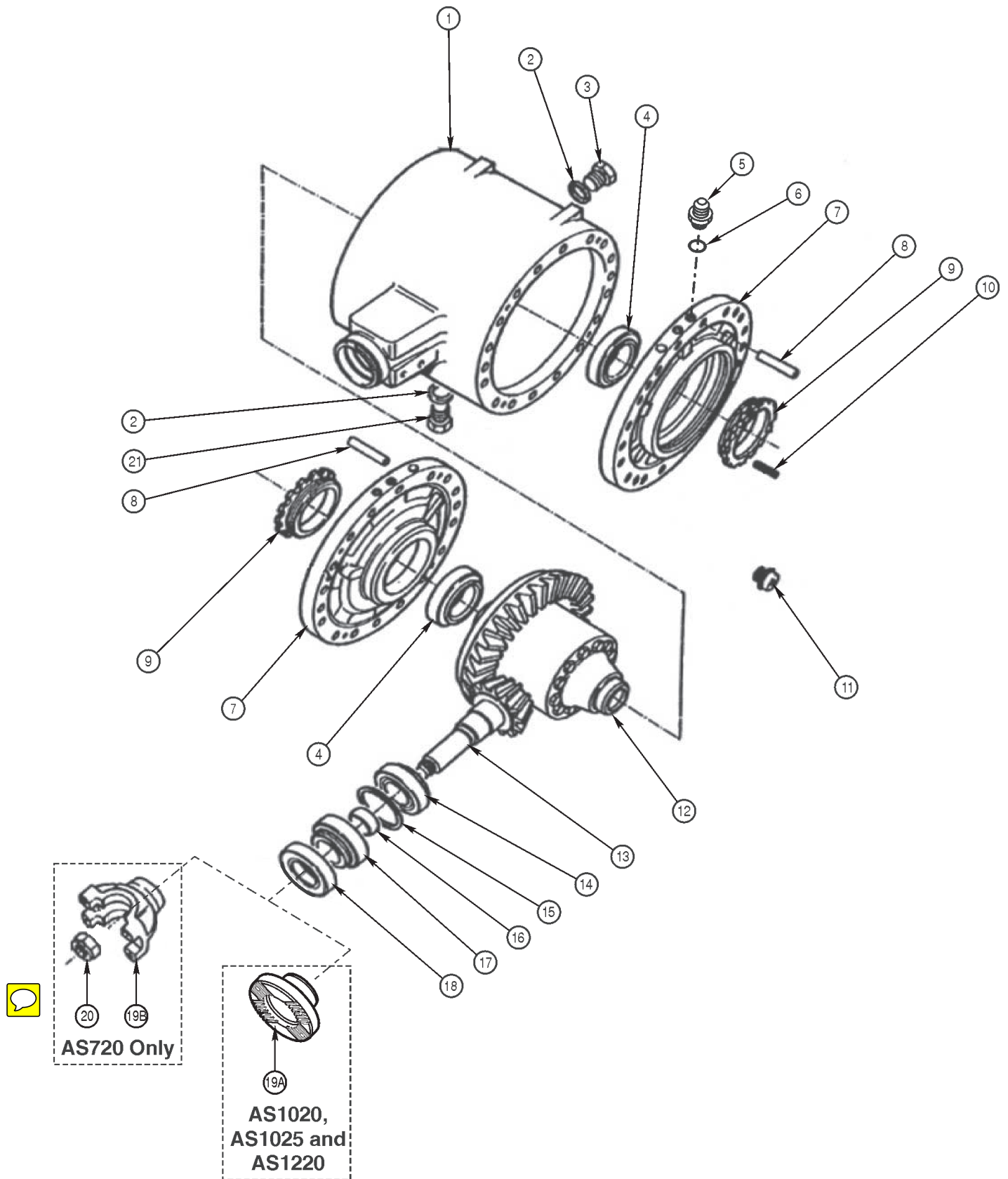
All Models



Item	Part Number	Qty	Description	Comments
1A	351001013	2	Driveshaft, 42" CC Fixed	AS720, AS1020 and AS1025
1B	351001016	2	Driveshaft, 50" CC Fixed	All Models
1C	351001017	2	Driveshaft, 42" CC 120-160	AS720, AS1020 and AS1025
1D	351001018	2	Driveshaft, 50" CC 120-160	All Models
2	301200060	2	Breather, Extension Rear Axle	
3A	350000140	1	Center Differential Only	AS1020, AS1025 and AS1220
3B	350000153	1	Center Differential Only	AS720
4	800302172	2	Fitting, Brake line 4 FLM x 12 mm	Washer, O-ring for fitting 800403954
5	300000728	4	Dowel 16 x 55	
6	301200256	2	Piston, Brake JCB Rear Differential	Seals for piston 301200250 (large) 301200251 (small)
7	301200345	4	Circlip, External	
8A	350000155	2	Brake Kit	Includes Carrier, Circlips, friction and counter plates
8B	300000718	12	Counter Plate, Brake	Included in Brake kit
8C	300000719	10	Friction Plate, Brake	Included in Brake kit
9	301100200	1	U-Strap Kit	301100300 U-Joint
10	301200316	1	Stake Nut, Rear Pinion	M30
11	301200210	1	Yoke, Rear Axle pinion	M30
12	301200325	6	Reaction Pin	
13	301200340	2	Carrier, Brake Plate	
14	351000401	2	Axle, Splined Shaft, Differential	12-3/4"
15	904303010	2	Dowel Pin 3/8 x 1 1/4	Used in end of axle shaft
16	351000601	2	Brake Housing	
17	915002562	4	Axle U-Bolt 1/2-13 x 8	
18	100105120	2	Support, Differential	
19	902201100	8	Washer, Lock 1/2	
20	901003040	8	Nut, Nylock 1/2-13	
21	900002359	16	Bolt, M16 x 2.0 x 80 Grade 8.8	Through differential support and brake housing
22	900002358	12	Bolt, M16 x 2.0 x 70 Grade 8.8	Through brake housing and into differential only
23	351000800	2	Internal/External Splined Shaft	
24	351000701	4	Bearing	
25	351000702	2	Race	Holds 2 of 351000701
26	351000704	2	O-ring	Used behind bearing cap
27	351000703	2	Oil Seal	
28	351000700	4	Cap, Bearing	
29	900005565	16	Bolt, HHCS 3/8-24 x 2"	
30	350000700	2	Yoke, Splined	
31	100106022	2	Washer, 3/16" Thick Spindle	
32	100106021	2	Cotter Pin	
33	100106023	2	Nut, Castle 1-14	
34	350000600	4	U-Joint Kit	
	K65000044		Rear Differential Complete	AS720
	K65000214		Rear Differential Complete	AS1020 and AS1220
	350100000		Differential Additive, Lucas Anti-Squawk, 16 oz	Not shown

Differential

All Models

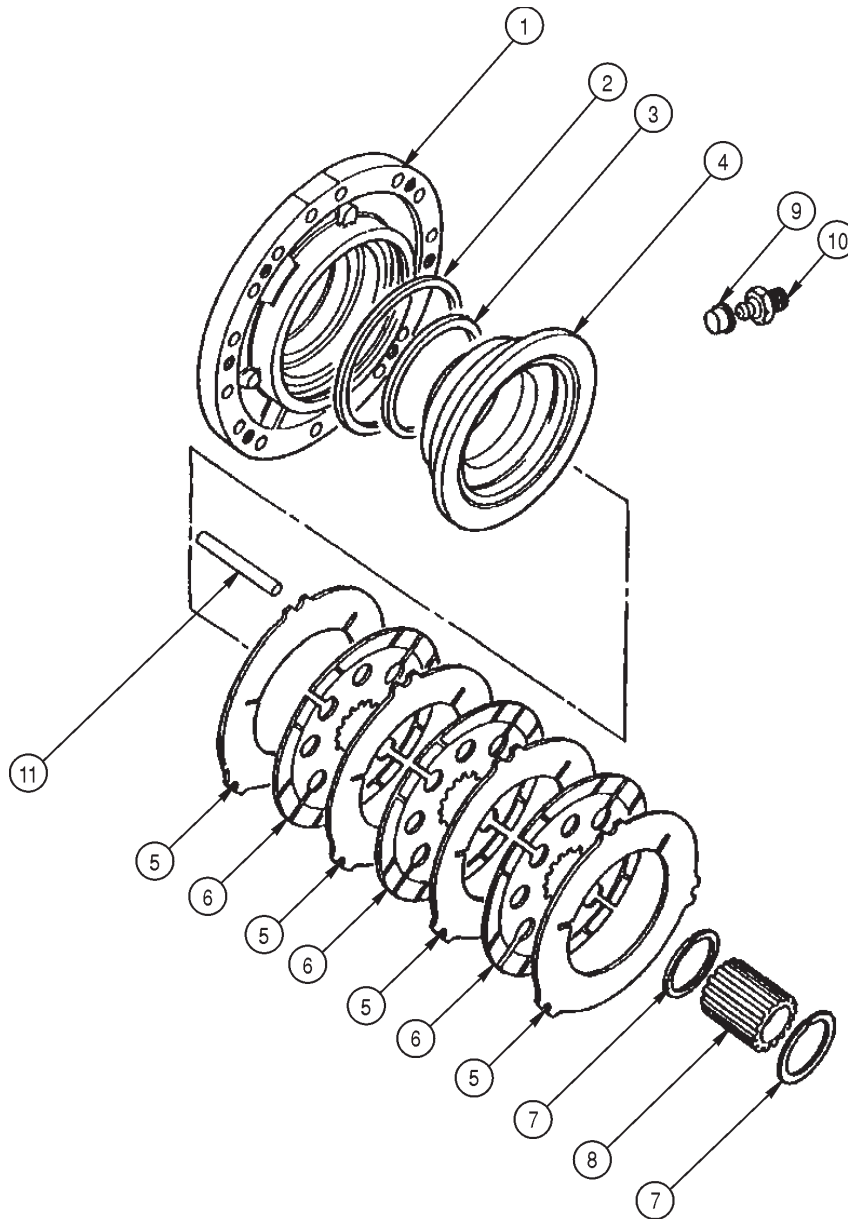


Item	Part Number	Qty	Description	Comments
1A	361000000	1	Casing Differential	AS1020, AS1025 and AS1220.
1B	301200255	1	Casing Differential JCB	AS720 Only.
2	301200240	2	Seal, Bonded 3/4" BSP	
3A	361000003	1	Plug 3/4" BSP Taper	AS1020, AS1025 and AS1220.
3B	301200235	1	Plug, Filler	AS720 Only.
4	301200295	2	Bearing, Taper Roller	
5	800302172	2	Fitting, Brake Line 4 FLM x 12 mm	Fitting for the brake hose that runs from hard lines
6	800403954	2	O-ring, Brake Line Fitting	
7A	361000004	2	Housing, Brake Piston	AS1020, AS1025 and AS1220.
7B	300000717	2	Housing, Brake Piston	AS720 Only.
8	300000728	4	Dowel	
9	300000729	2	Nut, Side Differential	
10	300000730	2	Pin, Tension	
11A	361000005	8	Capscrew M10 x 25	AS1020, AS1025 and AS1220.
11B	300000731	8	Capscrew	AS720 Only.
12A	361000006	1	Inner Differential for 300 HP	AS1020, AS1025 and AS1220.
12B	300000721	1	Inner Differential, Limited Slip Assembly.	AS720 Only.
13A	361000007	1	Crown and Pinion for 300 HP	AS1020, AS1025 and AS1220.
13B	350000051	1	Crown and Pinion for Low Speed Differential	Includes: Crown Wheel, Pinion, Input Yoke, M30 Stake Nut. AS720 Only
14A	361000008	1	Bearing, Inner Pinion	AS1020, AS1025 and AS1220.
14B	301200300	1	Bearing, Inner Pinion	AS720 Only.
15A	361000009	1	Shim Kit 2013	AS1020, AS1025 and AS1220.
15B	301200305	1	Shim Kit	AS720 Only.
16A	361000009	1	Shim Kit 2013	AS1020, AS1025 and AS1220.
16B	301200190	1	Spacer, Collapsible	Solid Spacers also available but require special tool. AS720 Only.
17A	361000011	1	Bearing, Taper Roller 2013	AS1020, AS1025 and AS1220.
17B	301200195	1	Bearing, Taper Roller, Outer Pinion	AS720 Only.
18A	361000001	1	Seal Triple Lip Pinion	AS1020, AS1025 and AS1220.
18B	301200200	1	Seal, Pinion	AS720 Only.
19A	361000002	1	Coupling Flange XS	AS1020, AS1025 and AS1220.
19B	301200210	1	Yoke, Pinion, M30	Fits larger pinion. AS720 Only.
20	310200316	1	Nut, Stake and Washer, M30	Fits larger pinion. AS720 Only.
21	301200245	1	Plug, Magnetic Drain, 3/4" BSP	



Differential Brake Assembly

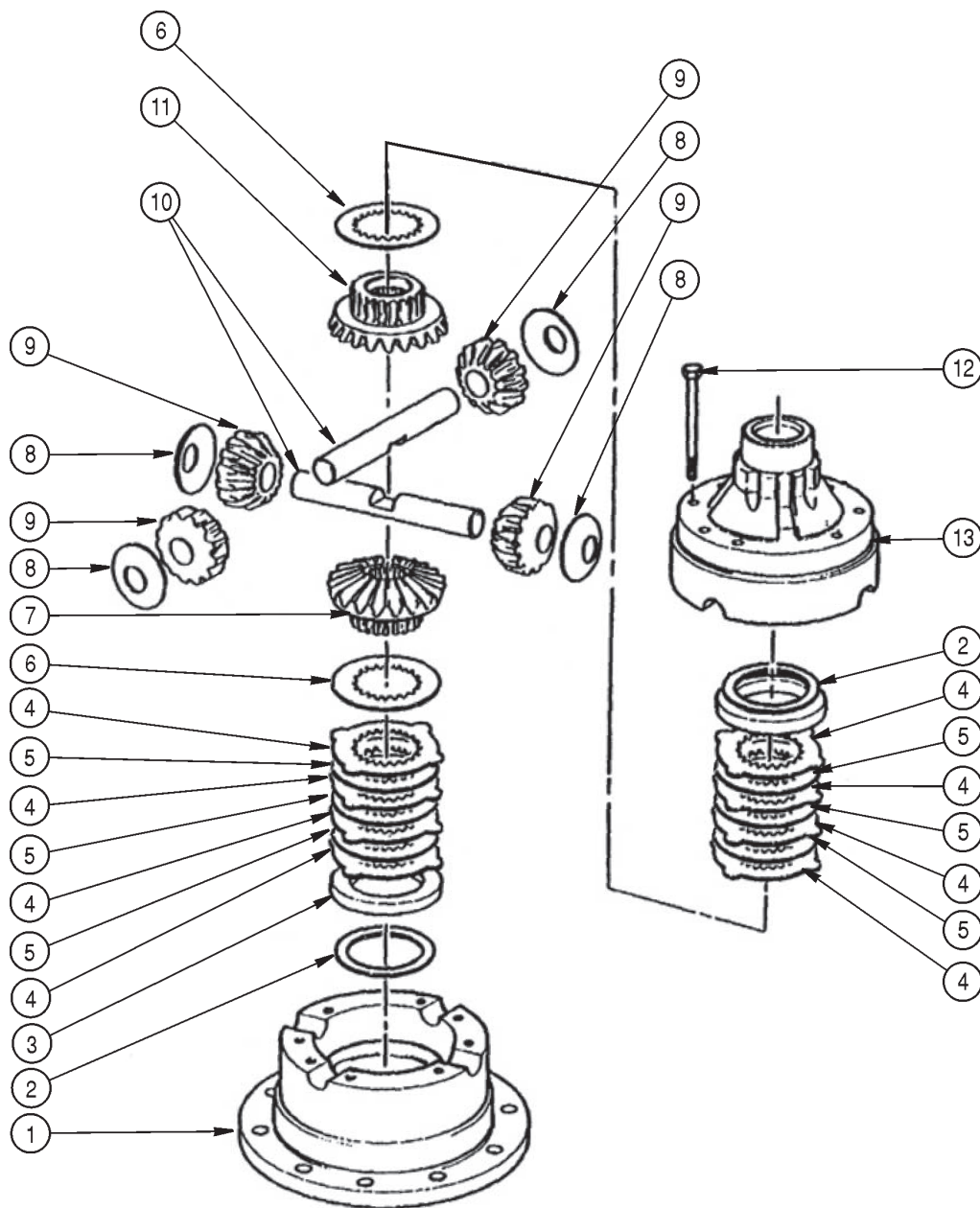
AS720 Only



Item	Part Number	Qty	Description	Comments
1	300000717	2	Housing, Brake Piston	
2	301200250	2	Seal, Brake Piston JCB Large	
3	301200251	2	Seal, Brake Piston JCB Small	
4	301200256	2	Piston, Brake	
5	300000718	12	Counter Plate, Brake	Included in Brake Kit
6	300000719	10	Friction Plate, Brake	Included in Brake Kit
7	301200345	4	Circlip, External	Included in Brake Kit
8	301200340	2	Carrier, Brake Plate	Included in Brake Kit
9	301200355	2	Cap	
10	301200021	2	Nipple, Bleed	
11	301200325	6	Pin, Reaction	
	350000155	2	Brake Kit, Two per Differential	Includes plates, carrier, and circlips

Differential (Limited Slip)

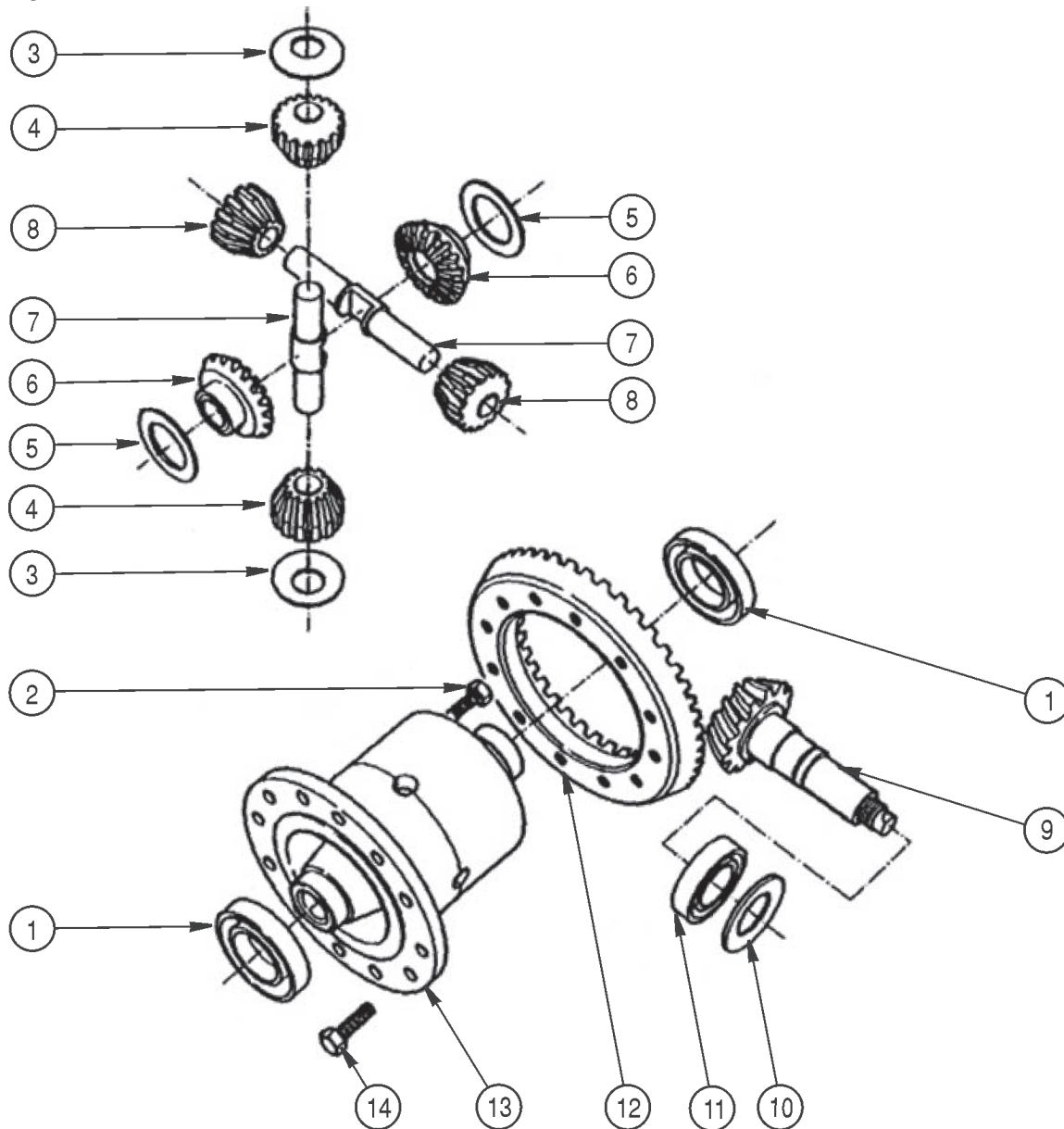
AS720 Only



Item	Part Number	Qty	Description	Comments
1	301200365	1	Casing, Limited Slip	
2	301200385	2	Shim, Kit	
3	301200410	4	Spacer	
4	301200380	6	Plate, Counter	
5	301200375	4	Plate, Friction	
6	301200370	2	Plate, Pressure	
7	301200405	1	Gear, Set, Differential	Includes all of the Limited Slip Gears
8	301200280	4	Washer, Thrust, Pinion	
9	NSS	4	Gear	Sold only as a Set, Included with 301200405
10	301200395	2	Pin, Trunnion	
11	NSS	2	Gear	Sold only as a Set, Included with 301200405
12	301200247	8	Bolt, M10 x 80	
13	NSS	1	Casing, Limited Slip	Only sold as a set with both halves together
	300000721	1	Assembly, Limited Slip	Includes everything shown on this page

Differential Input

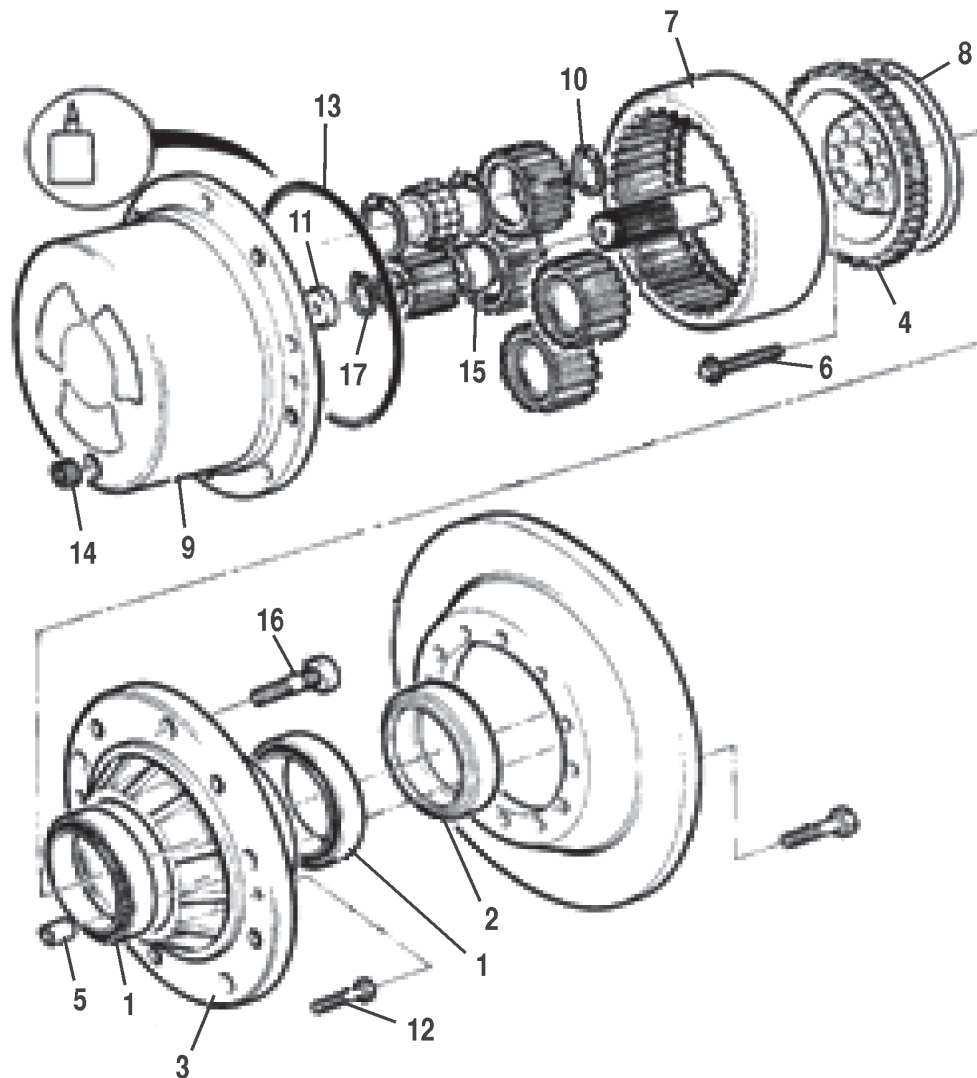
AS720 Only



Item	Part Number	Qty	Description	Comments
1	301200295	2	Bearing, Taper Roller	
2	301200247	8	Bolt, M10 x 80	
3	301200280	4	Washer, Thrust, Pinion	
4	301200405	1	Gear, Set, Differential	Includes all of the Internal gears for the limited slip
5	301200370	2	Plate, Pressure	
6	NSS	2	Gear	Sold with gear set 301200405
7	301200395	2	Pin, Trunnion	
8	NSS	4	Gear	Sold with gear set 301200405
9	301200285	1	Crown Wheel and Pinion, 11T/37T	Used in Low Speed Differential on 170HP and lower
10	301200305	1	Shim Kit	
11	301200300	1	Bearing, Inner Pinion	
12	NSS	1	Crown	Only sold with Pinion as an Assembly
13	300000721	1	Inner Differential, Limited Slip Assembly	
14	300000406	12	Bolt	Connects the Crown Wheel Limited Slip Assembly

Planetary Hub

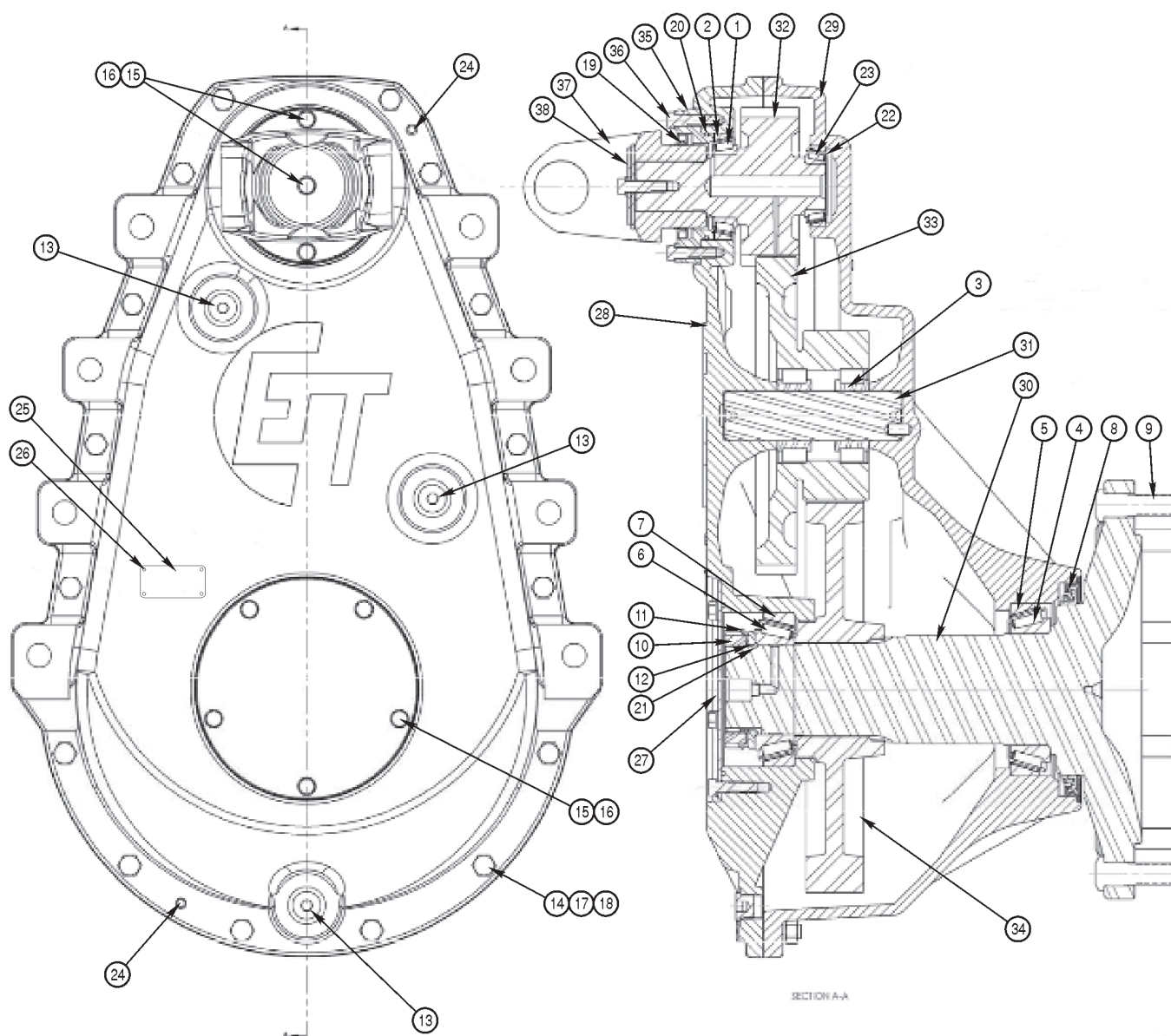
All Models



Item	Part Number	Qty	Description	Comments
1	301200150	2	Bearing	
2	301200140	1	Seal - Cassette	
3	301200057	1	Carrier, Wheel Bearing	
4	301200064	1	Carrier, Annulus	
5	301200055	8	Dowel, Hollow	
6	301200420	8	Bolt, M14 x 70mm long	
7	301200061	1	Gear, Annulus Ring	
8	301200095	1	Circlip, Internal Square Section	
9	301200058	1	Carrier, Planetary Hub	
10	301200010	4	Circlip	
11	301200030	1	Pad, Thrust	
12	301200415	2	Bolt, Coated	
13	301200135	1	O-Ring	
14	301200111	1	Plug, Magnetic, M22 10mm Drive	
15	301200025	4	Gear, Planet and Bearing Assembly	
16	350000190	10	Stud, 3.25", PD70 Hub	
17	301200031	1	Circlip, External	
	350000151		Planetary Hub	
	K65000056		Planetary Hub, Complete	All components back to the yoke.
	N/A	1	Grease, High Pressure	

Fairfield Drop Box

All Models

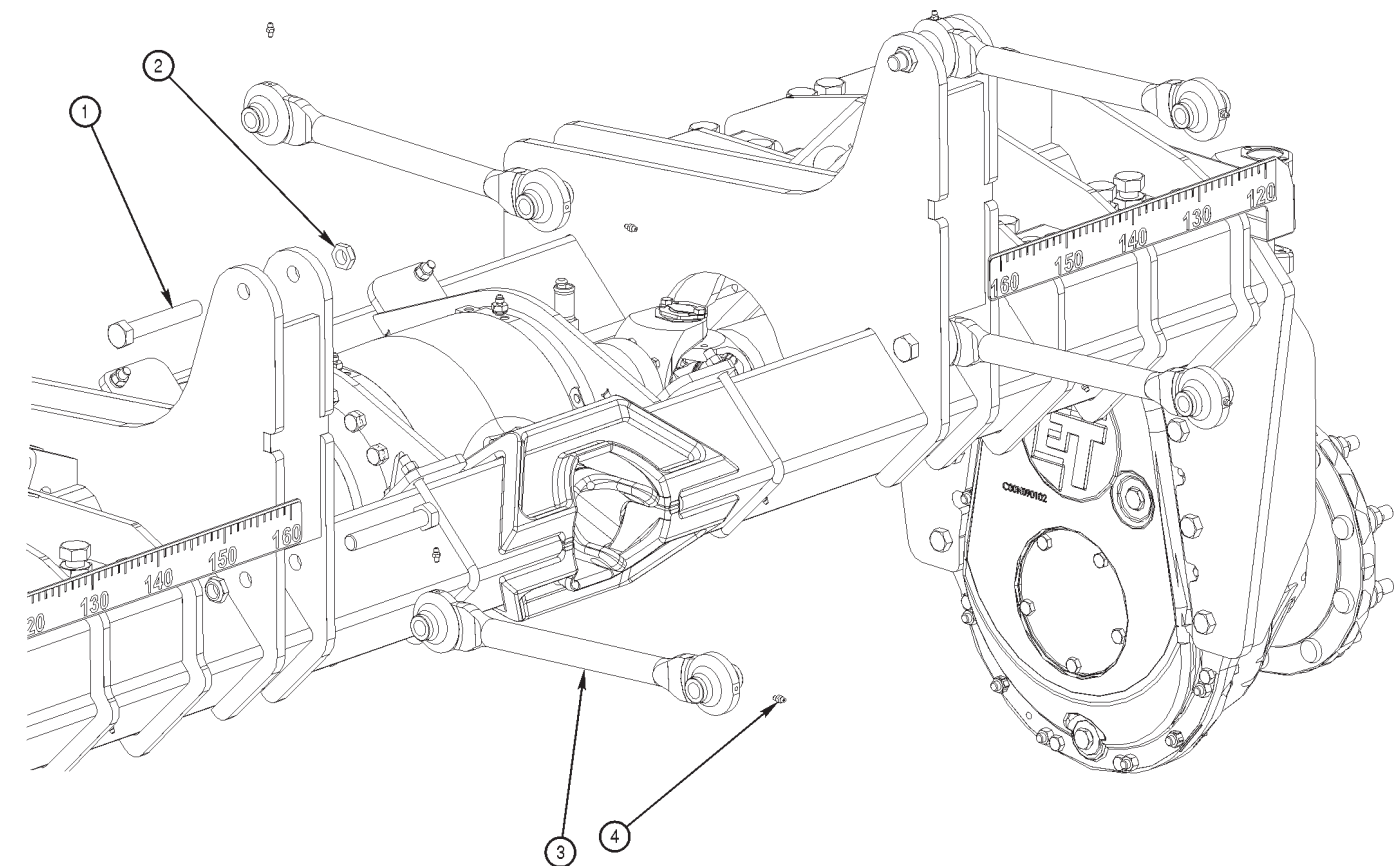




Item	Part Number	Qty	Description	Comments
1	100106080	1	Cone, Bearing	
2	100106070	1	Cup, Bearing	
3	350000076	2	Bearing, Roller MU7309L W/O RG	
4	350000070	1	Bearing, Tapered Cone 52400	
5	350000069	1	Bearing, Tapered Cup 52618	
6	350000075	1	Bearing, Tapered Cone 580	
7	350000074	1	Bearing, Tapered Cup 572	
8	980000009	1	Drop Box FF Seal Lip 155mm	
9	350000188	10	Stud, 3.88" Drop box	
10	350000175	1	Nut, Fairfield	
11	980000012	1	Drop Box FF Washer Tanged 3.19	
12	980000001	1	Drop Box FF Washer	
13	980000011	3	Drop Box FF O-ring Plug #10	
14	350000077	16	Bolt HHCS 1/2-13 x 2 GR8	
15	350000071	12	Bolt HHCS 3/4-16 x 1.5 GR8	
16	980000002	12	Drop Box FF Washer Nord 0.406	
17	980000003	16	Drop Box FF Washer Nord 0.512	
18	350000079	16	Nut, Hex 1/2-13	
19	980000008	1	Drop Box FF Seal Lip	
20	980000010	1	Drop Box FF O-ring -238	
21	980000007	1	Drop Box FF O-ring	
22	980000004	1	Drop Box FF Bearing Cup	
23	980000005	1	Drop Box FF Bearing Cone	
24	350000061	2	Dowel Pin, Fairfield DB 0.375 x 0.750	
25	350000072	1	ID Plate, Serial Tag Fairfield	
26	350000078	4	Screw, #2 x 3/16	
27	350000068	1	Cover Plate, Fairfield Drop Box	
28	350000059	1	Housing, Fairfield Drop Box Inner	
29	350000060	1	Housing, Fairfield Drop Box Outer	
30	350000063	1	Output Spindle, Fairfield DB	
31	350000062	1	Shaft Gear Support, Fairfield	
32	350000064	1	Input Pinion, Fairfield	
33	350000065	1	Intermediate Gear, Fairfield	
34	350000067	1	Output Gear, Fairfield	
35	980000006	1	Drop Box FF Seal Carrier	
36	350000066	1	Shim, Steel (3.300, 0.000) Fairfield	
37	350000073	1	Yoke, Input Fairfield Drop Box	
38	980000013	1	Drop Box FF Washer, Flat 0.400	

Torque Arms

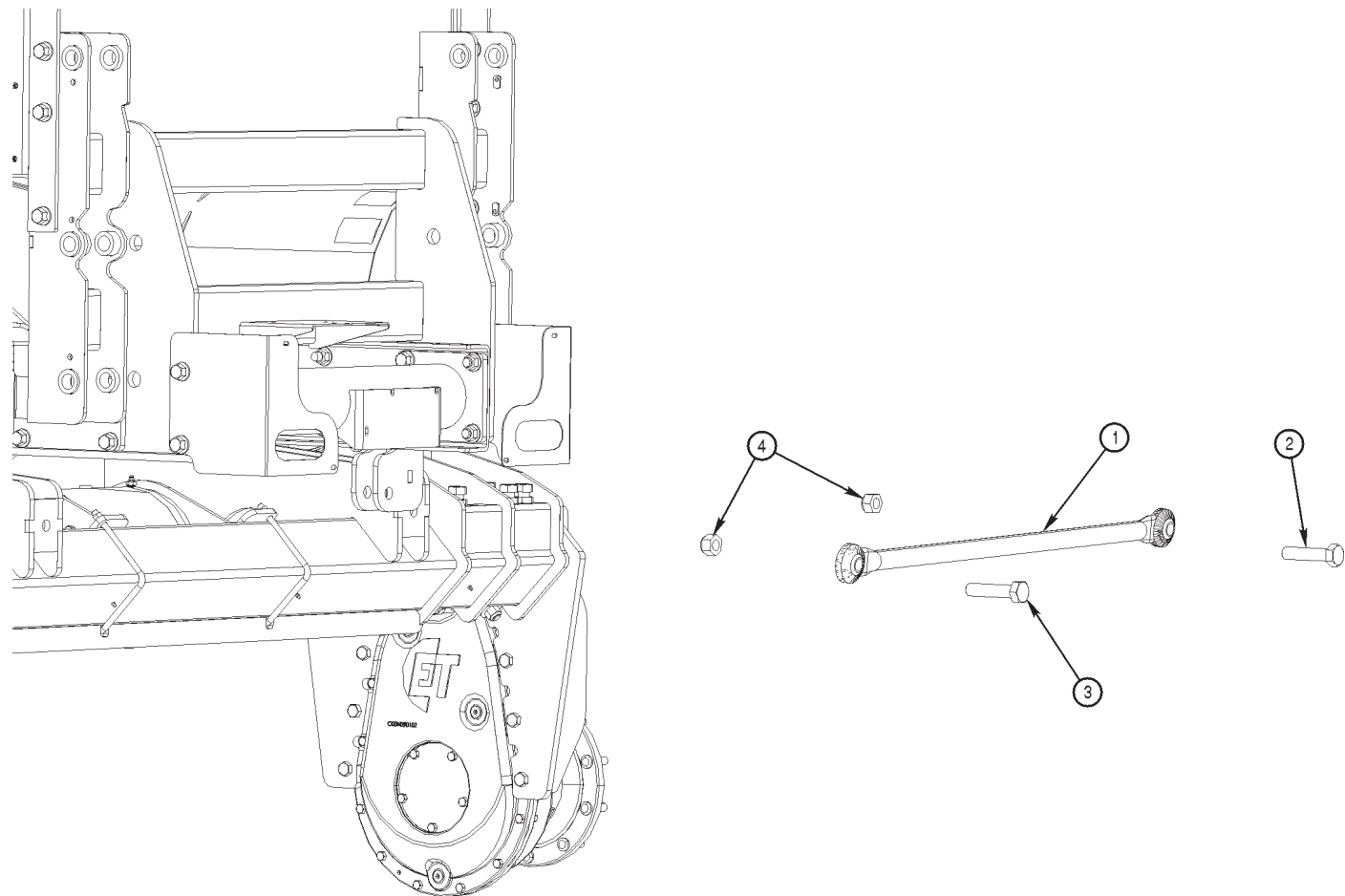
All Models



Item	Part Number	Qty	Description	Comments
1	930000012	8	Bolt HHCS 7/8-9 x 5 1/2 GR8	
2	931000034	8	Nut Flanged 7/8 Black Coating	
3	100108075	4	Torque arm rod-ball joint	
4	915003010	8	Zerk, 1/4-28 NPT Straight	

Tracking Bar

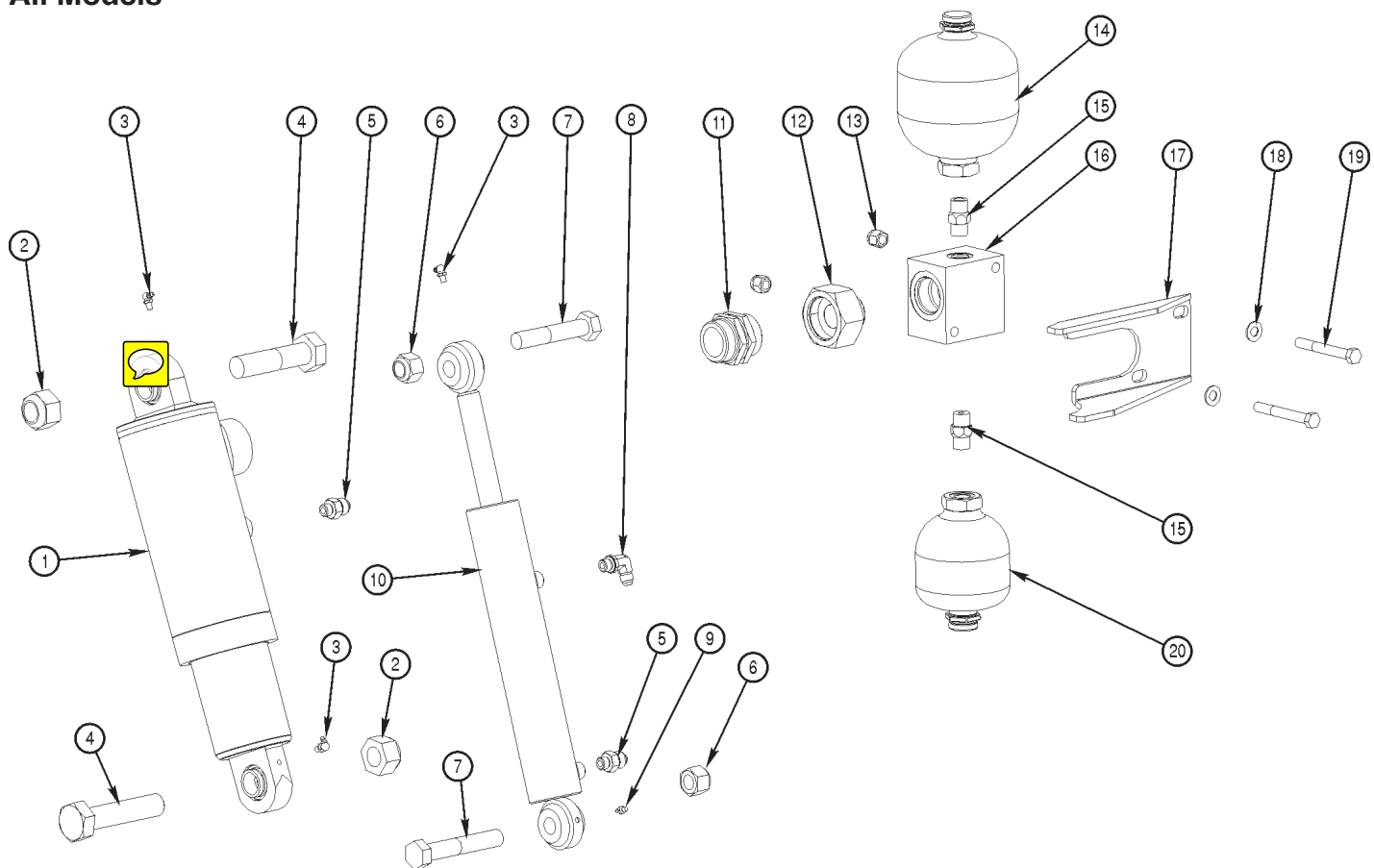
All Models



Item	Part Number	Qty	Description	Comments
1	100108071	1	Tracking Bar	
2	900012335	1	Bolt, HHCS 1-14 x 4 1/2" G5 ZP	
3	900012336	1	Bolt, HHCS 1-14 x 3 1/2" G5 ZP	
4	901003095	2	Nut, Nylock 1-14 ZP	

Rear Suspension

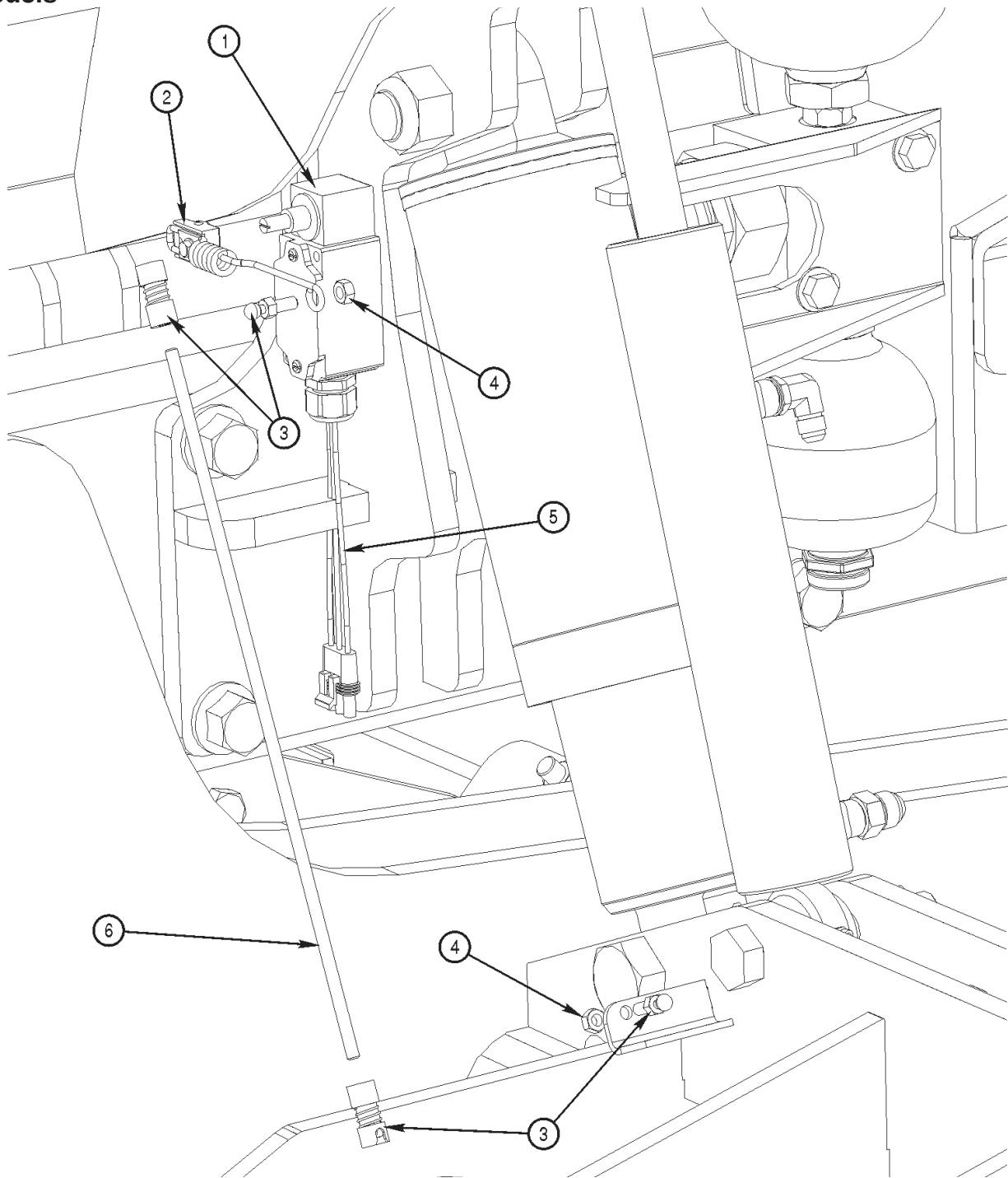
All Models



Item	Part Number	Qty	Description	Comments
1	100106063	2	Cylinder, Rear Ram 4.00"	Seal Kit # 100106065
2	901003095	4	Nut, Nylock 1-14 ZP	
3	915003011	6	Zerk, 1/4-28 NPT 90	
4	900007048	4	Bolt, HHCS 1-14 x 4" G5 ZP	
5	800405000	4	Fitting, 8 FLM x 6 ORM ST	
6	901003075	4	Nut, Nylock 3/4-16	
7	900006655	4	Bolt, HHCS 3/4-16 x 4 G5 ZP	
8	800404215	2	Fitting, 6 FLM x 6 ORM 90	
9	915003010	2	Zerk 1/4-28 NPT Straight	
10	100106052	2	Cylinder, Suspension load leveling	Seal Kit # 100106056
11	800302190	2	Fitting, 24 ORM x 24 ORM ST	
12	800302136	2	Fitting, 20 M-ORB x 24 F-ORB	
13	902201108	4	Nut, Nylock 7/16-14	
14A	100106155	2	Accumulator, Rear, 60 CU IN	450 psi for AS720, AS1020 and AS1025
14B	100106156	2	Accumulator, Rear, 60 CU IN	500 psi for AS1220
15	810000045	4	Throttle Valve with 0.125 Orifice	
16	810000044	2	Manifold, Dual Rear Accumulator	
17A	810000047	1	Bracket, Rear Accumulator R/H, Anti-sway	
17B	810000048	1	Bracket, Rear Accumulator L/H, Anti-sway	
18	902003200	4	Washer, Flat 3/8"	
19	902201107	4	Bolt, HHCS 7/16-14 x 3 1/2	
20A	100106157	2	Accumulator, Rear, 30 CU IN	400 psi for AS720, AS1020 and AS1025
20B	100106158	2	Accumulator, Rear, 30 CU IN	450 psi for AS1220
	810000046	2	Manifold Assembly with Accumulator Rear Suspension	

Suspension Leveling

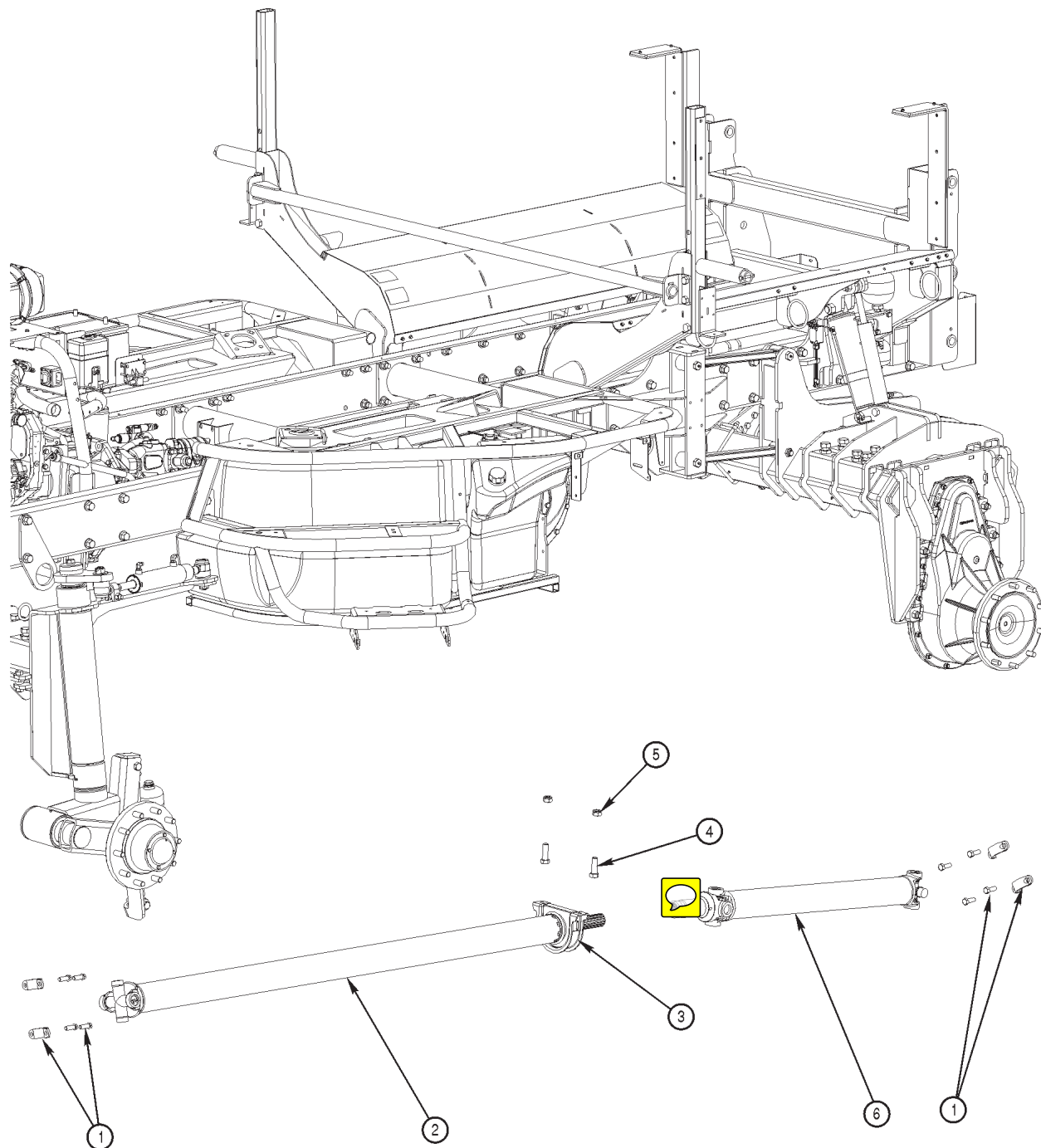
All Models



Item	Part Number	Qty	Description	Comments
1A	700300080	1	Leveling Switch (Switch only)	
1B	K65000123	1	L/H Leveling Switch Assembly	Includes wiring L/H Pigtail 700300083
1C	K65000124		R/H Leveling Switch Assembly	Includes wiring R/H Pigtail 700300082
2	700300081	1	Switch Arm, rear Suspension	
3	390000800	2	Ball Joint, 40 Series	
4	901003005	2	Nut, Nylock 1/4-28	
5A	700300083	1	L/H Leveling Switch Pigtail	
5B	700300082		R/H Leveling Switch Pigtail	
6	100108080	1	Rod, Adjusting Leveling 1/4-28	

Drive Shaft

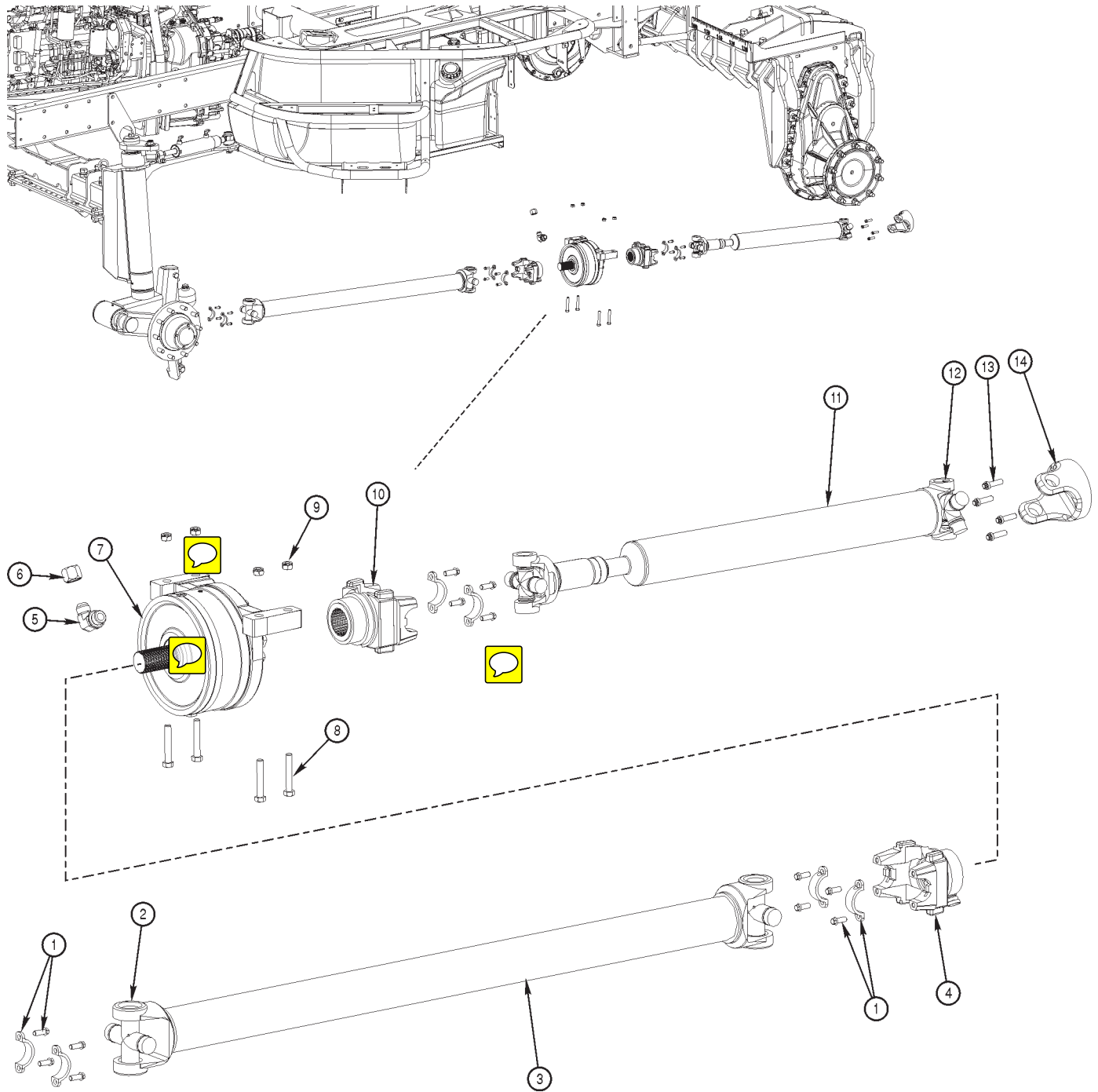
AS720



Item	Part Number	Qty	Description	Comments
1	301100200	2	U-Strap Kit	
2	301100016	1	Driveshaft, Front PS764	AS720
3	100106086	A/R	Carrier bearing	Bushing and Bracket
4	900003245	2	Bolt, HHCS 1/2-13 x 1 1/2 G5 ZP	
5	901003040	2	Nut, Nylock 1/2"	
6	301100017	1	Driveshaft, Rear PS764	AS720
	301100301	A/R	U-Joint, front driveshaft	
	301100300	A/R	U-Joint, rear driveshaft	
	301100011	A/R	Cork and Cup	

Drive Shaft (cont.)

AS1020, AS1025 and AS1220



Item	Part Number	Qty	Description	Comments
1	301100037	2	Cap and Bolt Assembly, 1610 Yoke	
2	301100302	A/R	U-Joint, Front Driveshaft ZF	
3	301100021	1	Driveshaft, Front ZF	AS1020, AS1025 and AS1220
4	301100031	1	End Yoke, 1610 To Ausco Brake	
5	800302408	1	Fitting, 12 ORM x 12 FLM 90 DEG	
6	800301636	1	Fitting, Reducer 12 FLF x 8 FLM	
7	301303005	1	Driveline Brake, Ausco	
8	900003695	4	Bolt, HHCS 5/8-11 x 3 G5 ZP	
9	901003060	4	Nut, Nylock 5/8-11	
10	301100032	1	End Yoke, 1550 To Ausco Brake	
11	301100027	1	Driveshaft, Rear ZF	AS1020, AS1025 and AS1220
12	383000000	A/R	U-Joint, Rear Driveshaft ZF	
13	930000002	4	Bolt 12 Point Flange M10x35	
14	384000001	1	Yoke XS Flange	
	301100301		U-Joint, Rear Driveshaft Slip -End (front)	Not shown
	301303006	1	Spacer, Ausco Brake Output Shaft	For front drive shaft from ZF trans., Not shown
	301303007	1	Washer, Ausco Brake Output Shaft	For front drive shaft from ZF trans., Not shown
	301303008	1	Nut, Ausco Brake Output Shaft	For front drive shaft from ZF trans., Not shown

Tire Options

Front

Titan			
			
Size	380/80R38	320/85R38	480/70R34
Model	AG49M R1W	TT 49V R1W	AG49M R1W

Michelin			
			
Size	380/80R38	320/85R38	480/70R34
Model	AGRIBIB	AGRIBIB RC	OMNIBIB

Tire Options (cont.)

Rear

Titan			
			
Size	380/90R46 Duals Available	320/90R50 Duals Available	520/85R46
Model	HTLR	TT 49V R1W	AG49M R1W

Michelin			
			
Size	380/90R46 Duals Available	320/90R50 Duals Available	
Model	SPRAYBIB	AGRIBIB RC	

Tire Options (cont.)

Rear

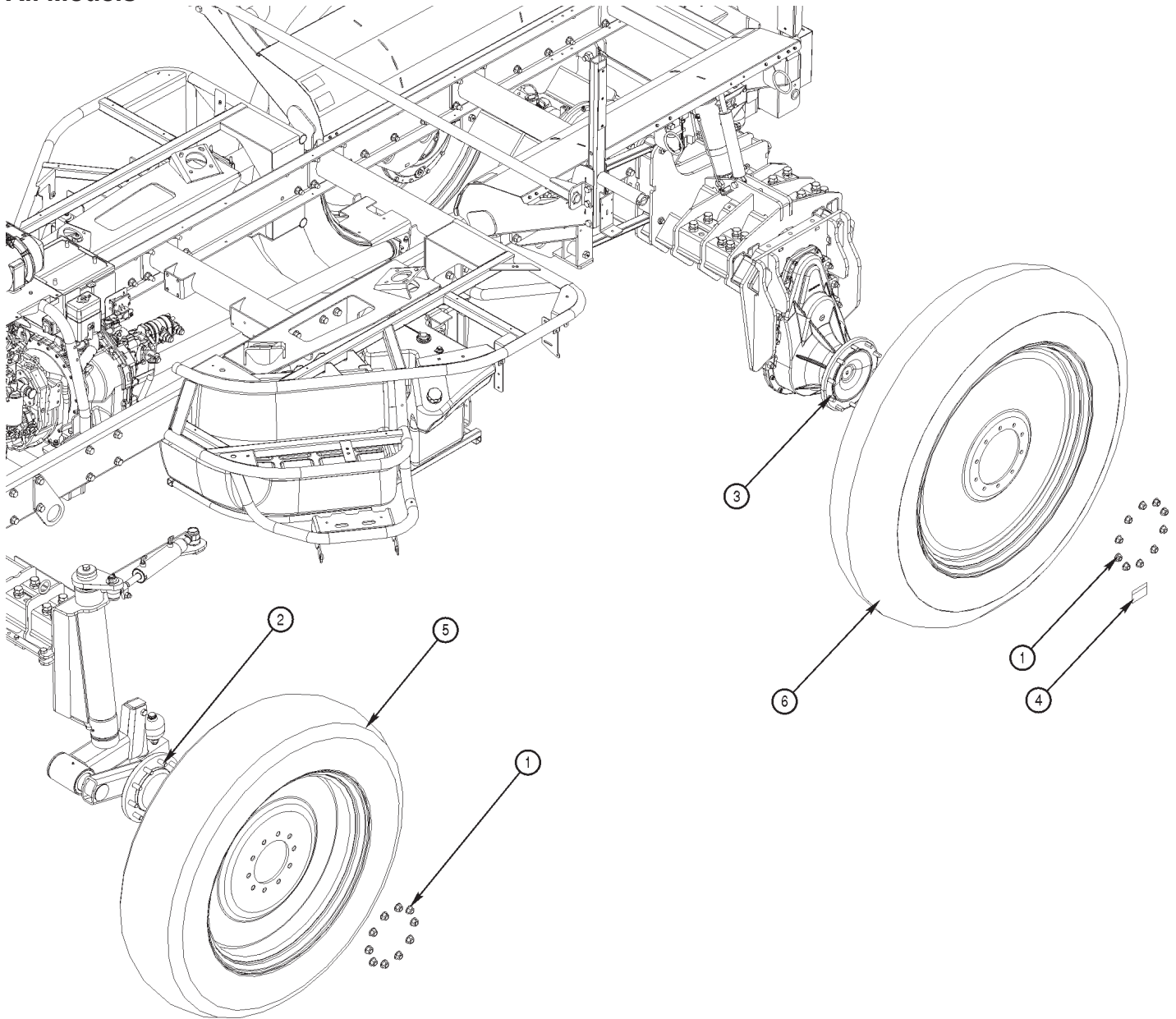
Titan			
			
Size	620/70R42	30.5x32	800/65R32
Model	AG49M R1W	TORC TRAC II R3	GY Dyna Torq

Michelin			
			
Size	620/70R42		800/65R32
Model	MEGAXBIB		MEGAXBIB

[illegible]

Tires

All Models



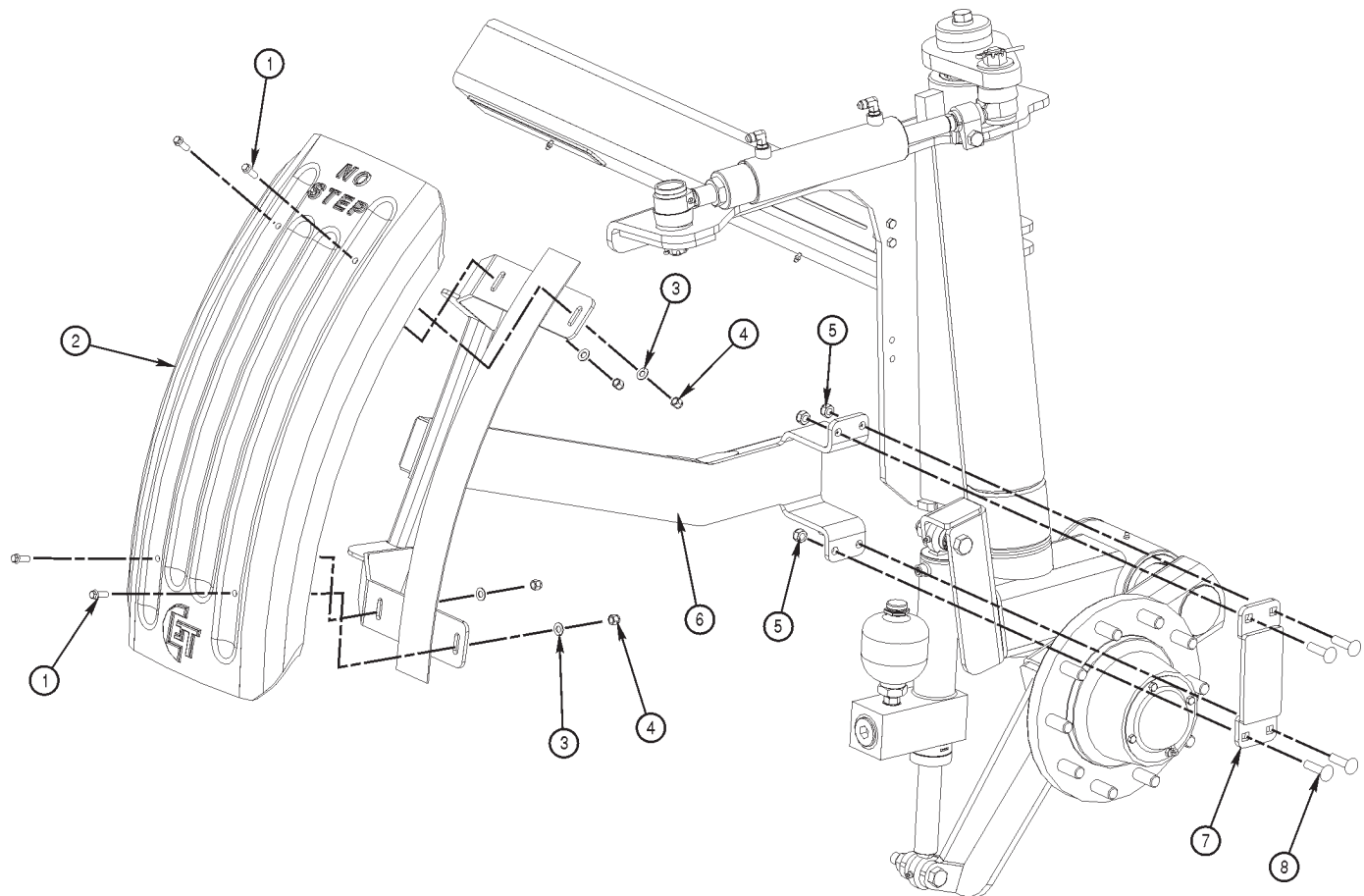
Item	Part Number	Qty	Description	Comments
1A	900100038	40	Nut, Lug Euclid 3/4-16 with cone	
1B	900100037	20	Nut, Lug, Flange Cap 3/4-16 ZP	Used in Duals
2	900003799	20	Stud, Front Wheel Hub	
3A	350000188	20	Stud, 3.88", DB, HD Rims, with Duals	Used in Drop Boxes
3B	350000189	20	Stud 2.75", Dual Spacer, HD Rims	Used in dual spacer for outboard tire
3C	350000190	20	Stud, 3.25" used with Planetary	Used in Planetary
4	420306033	2	Decal, Wheel Torque 420 ft/lbs	

Item	Part Number	Qty	Description	Tire Set Components			
				LH Tire & Rim	RH Tire & Rim	Tire Only	Rim Only
5A	500100981	1	Tire Set 38" Front Titan/White Rims	500100981L	500100981R	500100152	500100010
5B	510000001	1	Tire Set 38" Front Titan/Black Rims	511000001	512000001	500100152	520000000
5C	510000007	1	Tire Set 38" Front Michelin/Black Rims	511000003	512000003	510000004	520000000
5D	510000009	1	Tire Set 38" Front Michelin/White Rims	511000005	512000005	510000004	500100010

Item	Part Number	Qty	Description	Tire Set Components			
				LH Tire & Rim	RH Tire & Rim	Tire Only	Rim Only
5E	500100982	1	Tire Set 38" Narrow Front Titan/White Rims	500100982L	500100982R	500100186	500100861
5F	510000010	1	Tire Set 38" Narrow Front Titan/Black Rims	511000006	512000006	500100186	520000002
5G	510000011	1	Tire Set 38" Narrow Front Michelin/Black Rims	511000007	512000007	510000035	520000002
5H	510000012	1	Tire Set 38" Narrow Front Michelin/White Rims	511000008	512000008	510000035	500100861
5I	500100903	1	Tire Set 34" Front Semi-Float Titan/White Rims	511000009	512000009	500100189	500100908
5J	510000013	1	Tire Set 34" Front Semi-Float Titan/Black Rims	511000010	512000010	500100189	520000003
5K	510000014	1	Tire Set 34" Front Semi-Float Michelin/Black Rims	511000011	512000011	510000003	520000003
5L	510000015	1	Tire Set 34" Front Semi-Float Michelin/White Rims	511000012	512000012	510000003	500100908
6A	500100984	1	Tire Set 46" Std Rear Titan/White Rims	500100984L	500100984R	500100177	500100860
6B	510000016	1	Tire Set 46" Std Rear Michelin/White Rims	511000013	512000013	510000005	500100860
6C	500100985	1	Tire Set 46" Hd Rear Titan/White Rims	500100985L	500100985R	500100177	500100865
6D	510000002	1	Tire Set 46" Hd Rear Titan/Black Rims	511000002	512000002	500100177	520000001
6E	510000008	1	Tire Set 46" Hd Rear Michelin/Black Rims	511000004	512000004	510000005	520000001
6F	510000017	1	Tire Set 46" Hd Rear Michelin/White Rims	511000014	512000014	510000005	500100865
6G	500100986	1	Tire Set 50" Narrow Rear Titan/White Rims	500100986L	500100986R	500100184	500100854
6H	510000018	1	Tire Set 50" Narrow Rear Titan/Black Rims	511000015	512000015	500100184	520000004
6J	510000019	1	Tire Set 50" Narrow Rear Michelin/Black Rims	511000016	512000016	510000036	520000004
6K	510000020	1	Tire Set 50" Narrow Rear Michelin/White Rims	511000017	512000017	510000036	500100854
6L	510000021	1	Tire Set 42" Rear Semi-Float Titan/White Rims	511000018	512000018	510000033	500100909
6M	510000022	1	Tire Set 42" Rear Semi-Float Titan/Black Rims	511000019	512000019	510000033	520000005
6N	510000023	1	Tire Set 42" Rear Semi-Float Michelin/Black Rims	511000020	512000020	510000006	520000005
6O	510000024	1	Tire Set 42" Rear Semi-Float Michelin/White Rims	511000021	512000021	510000006	500100909
6P	510000025	1	Tire Set 32" Rear Float Titan/White Rims	511000022	512000022	510000034	520000007
6Q	510000026	1	Tire Set 32" Rear Float Titan/Black Rims	511000023	512000023	510000034	520000006
6R	510000027	1	Tire Set 32" Rear Float Michelin/Black Rims	511000024	512000024	510000032	520000006
6S	510000028	1	Tire Set 32" Rear Float Michelin/White Rims	511000025	512000025	510000032	520000007
6T	500100902	1	Tire Set Rear Full Float 30.5X32R3 Titan/White Rims	510000029	510000029	500100912	520000007
6U	510000031	1	Tire Set Rear Full Float 30.5X32R3 Titan/Black Rims	510000030	510000030	500100912	520000006

Fenders

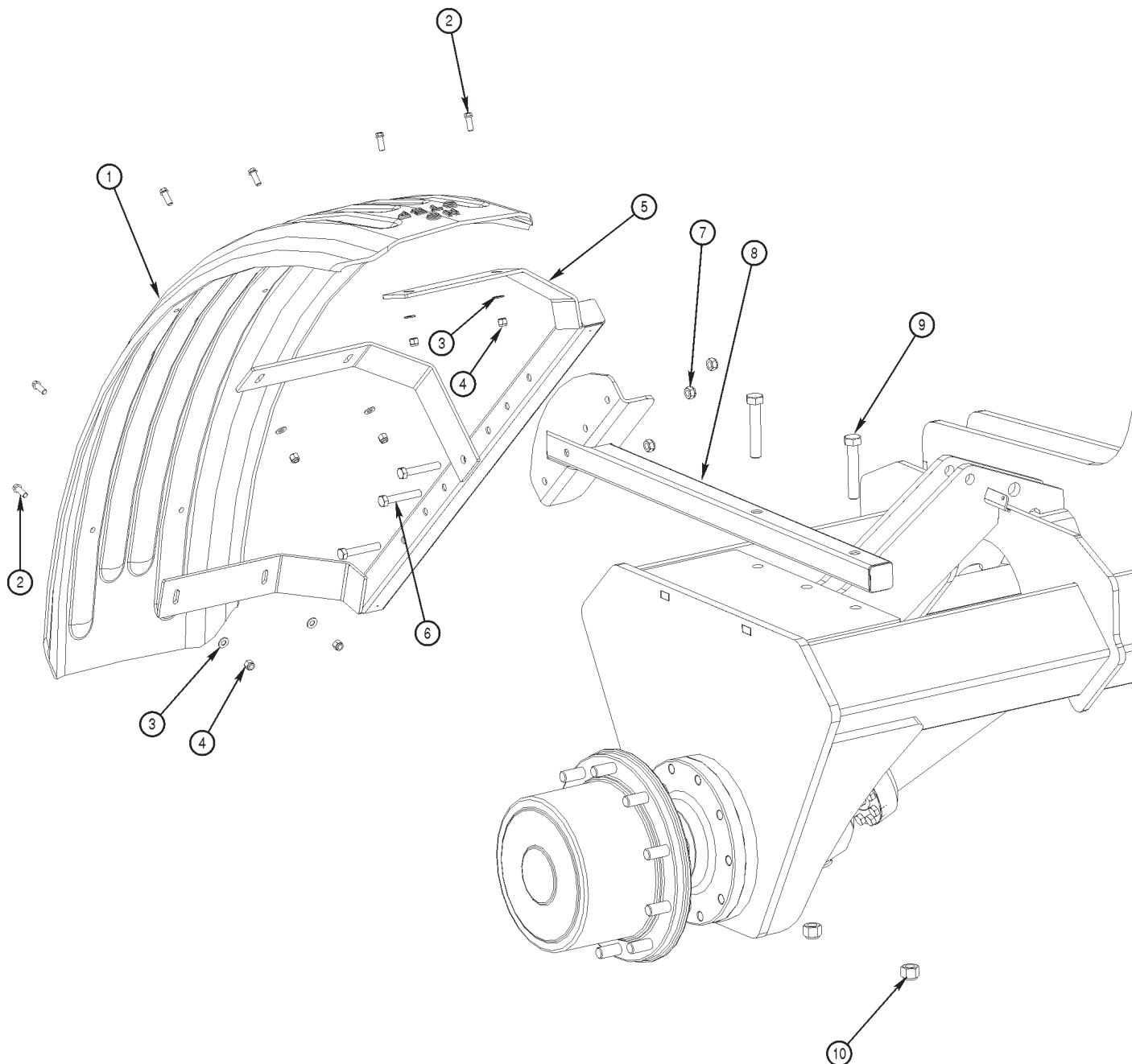
All Models (Front)



Item	Part Number	Qty	Description	Comments
1	900106537	8	Bolt, 3/8-16 x 1" Flanged Head Black SB	
2	500200001	2	Fender, Plastic 38" Tire	
3	902003045	8	Washer, Flat 3/8" ZP	
4	901003020	8	Nut, Nylock 3/8" - 16	
5	901003040	8	Nut, Nylock 1/2" - 13	
6A	500200030	1	Bracket, Fender Front Right	
6B	500200031	1	Bracket, Fender Front Left	
7	500200021	2	Fender, Bolt plate weldment	
8	900106536	8	Bolt, Carriage 1/2-13 x 2"	
	K65000202		Kit, Front Fenders 42" and 50" CC	

Fenders (cont.)

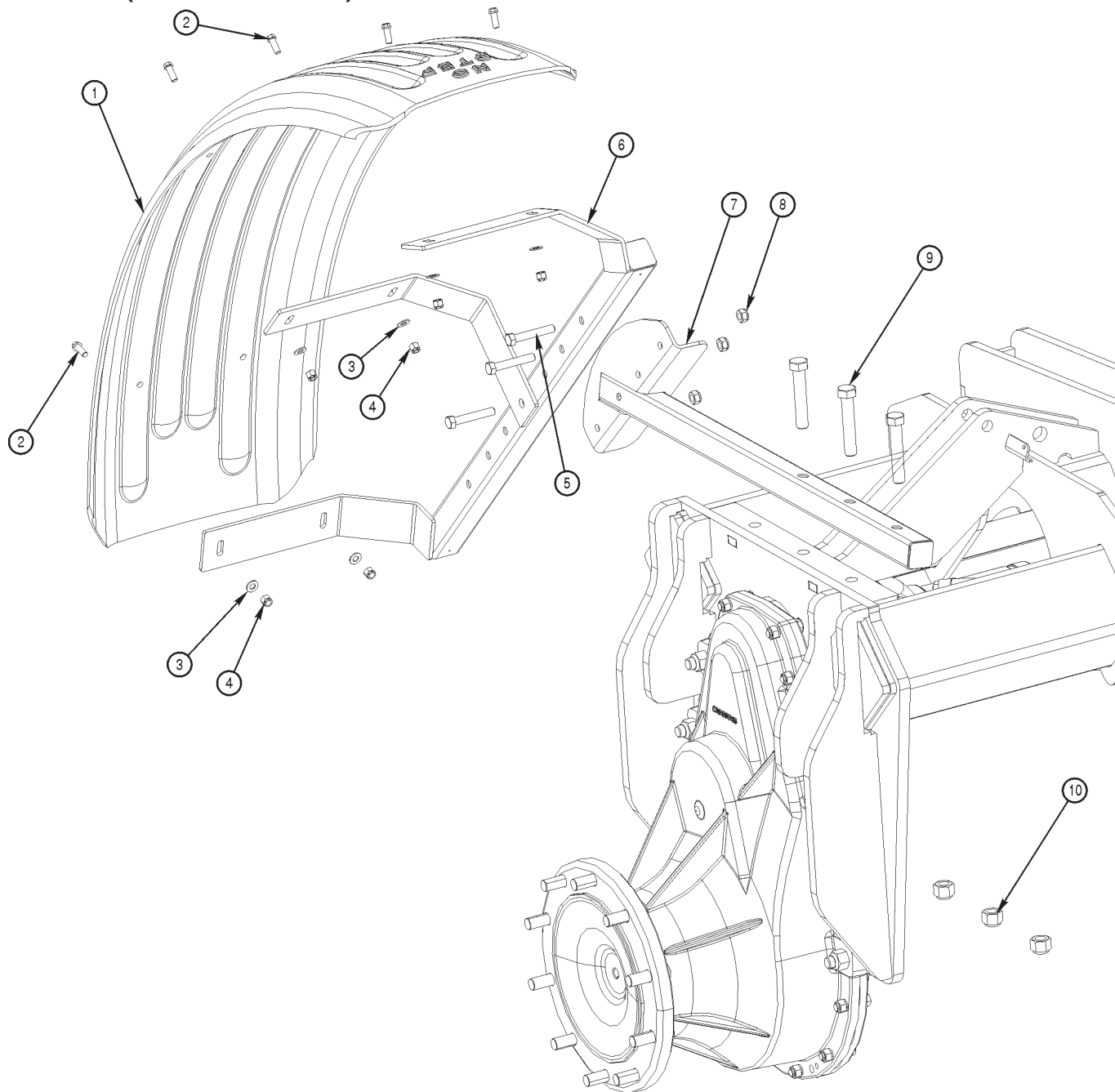
All Models (Rear with 42" CC)



Item	Part Number	Qty	Description	Comments
1	500200002	2	Fender, Plastic 46" Rear	
2	900106537	12	Bolt, 3/8-16 x 1" Flanged Head Black SB	
3	902003045	12	Washer, Flat 3/8" ZP	
4	901003020	12	Nut, Nylock 3/8" - 16	
5	500200039	2	Fender, Rear Plastic Support	
6	900003280	6	Bolt, HHCS 1/2-13 x 3 1/4 G5 ZP	
7	901003040	6	Nut, Nylock 1/2-13 ZP	
8A	500200037	1	Fender, Rear Male Attach, Right 42" CC	
8B	500200038	1	Fender, Rear Male Attach, Left 42" CC	Not shown
9	900006655	4	Bolt, HHCS 3/4-16 x 4 G5 ZP	
10	901003075	4	Nut, Nylock 3/4-16 ZP	
	K65000203		Kit, Rear Fender 42" CC	

Fenders (cont.)

All Models (Rear with 50" CC)

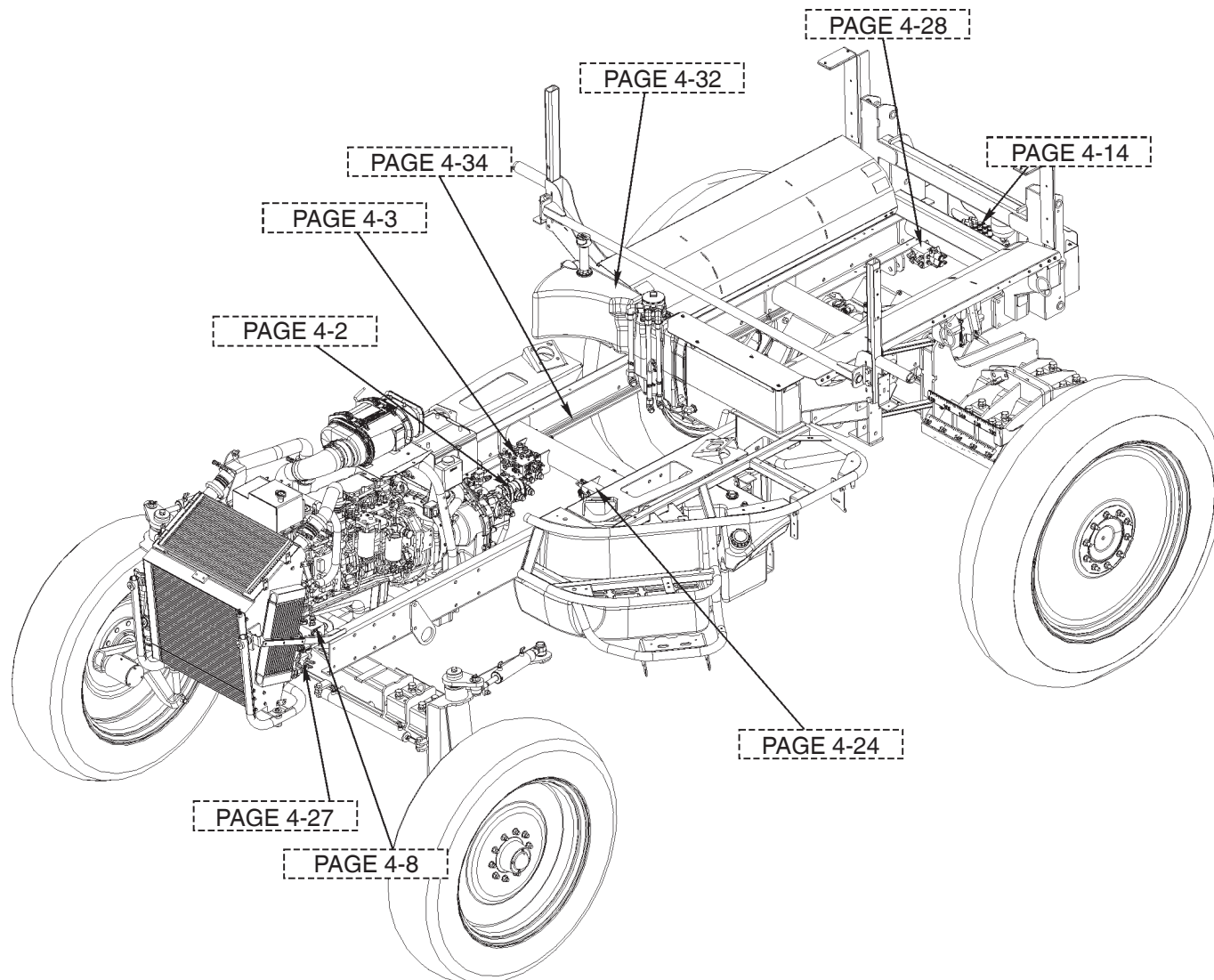


Item	Part Number	Qty	Description	Comments
1	500200002	2	Fender, Plastic 46" Rear	
2	900106537	12	Bolt, 3/8-16 x 1" Flanged Head Black SB	
3	902003045	12	Washer, Flat 3/8" ZP	
4	901003020	12	Nut, Nylock 3/8" - 16	
5	900003280	6	Bolt, HHCS 1/2-13 x 3 1/4 G5 ZP	
6	500200039	2	Fender, Rear Plastic Support	
7A	500200035	1	Fender, Rear Male Attach, Right 50" CC	
7B	500200036	1	Fender, Rear Male Attach, Left 50" CC	
8	901003040	6	Nut, Nylock 1/2-13 ZP	
9	900006655	6	Bolt, HHCS 3/4-16 x 4 G5 ZP	
10	901003075	6	Nut, Nylock 3/4-16 ZP	
	K65000204		Kit, Rear Fender 50" CC	

Hydraulics

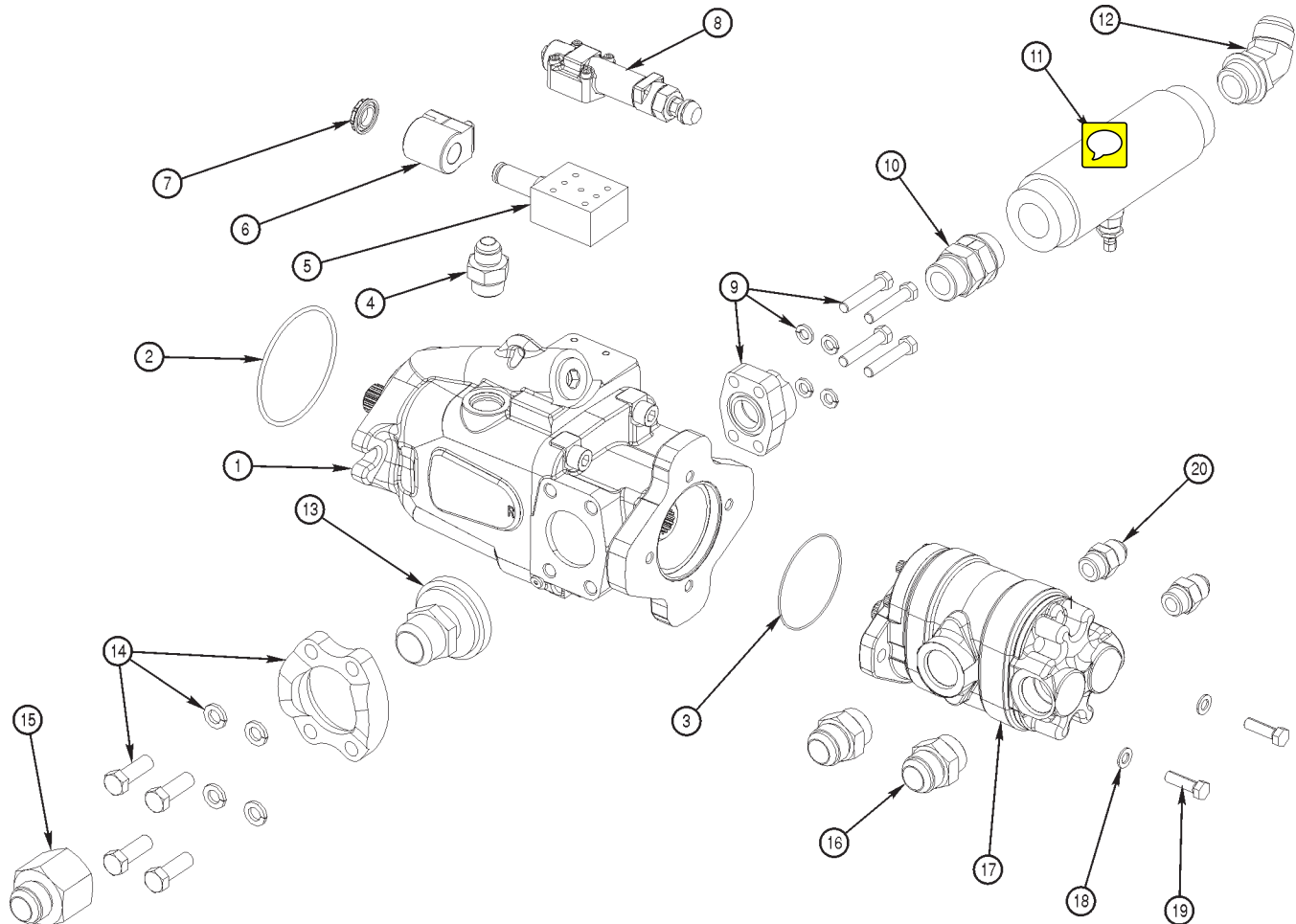
Section Overview

All Models



Hydraulic Pump

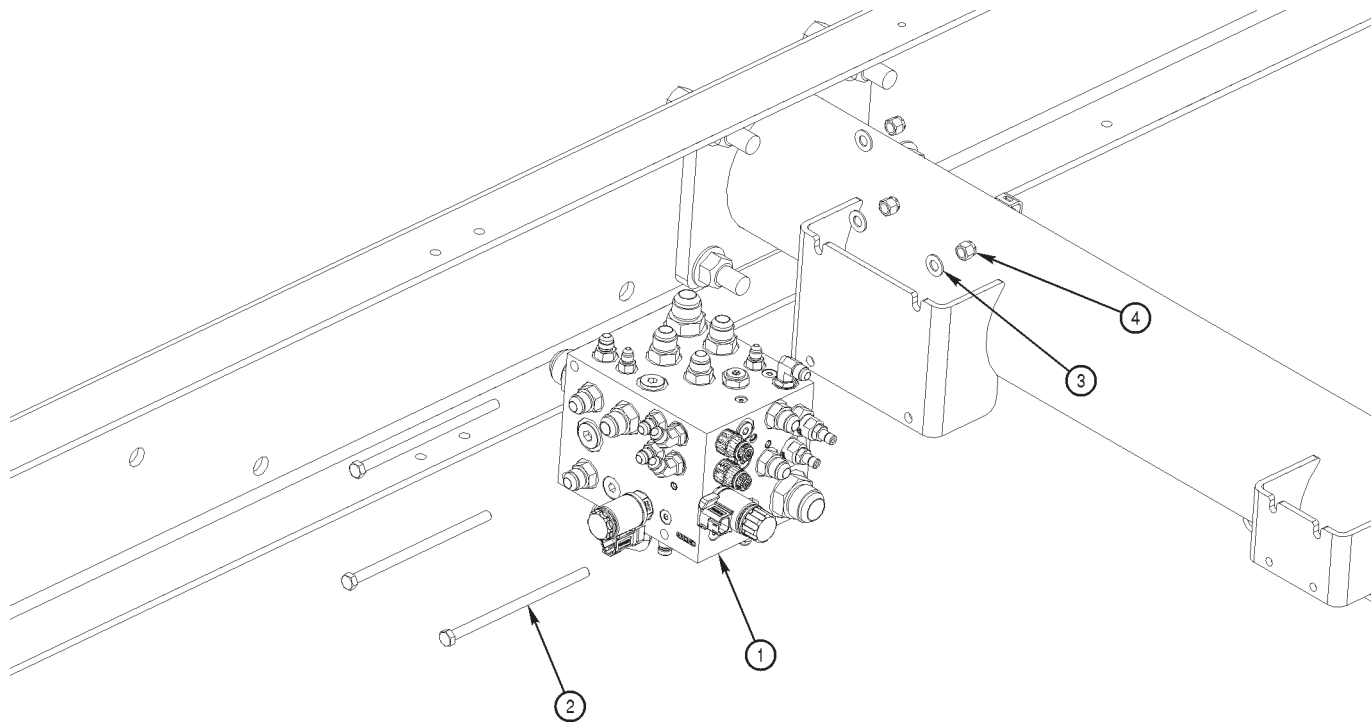
All Models



Item	Part Number	Qty	Description	Comments
1A	860000029	1	Piston Pump, 15 Tooth	AS720
1B	860000030	1	Piston Pump, 14 Tooth	AS1020, AS1025 and AS1220
2A	350000315	1	O-ring, Eaton Pump	AS720
2B	350000317	1	O-ring, Eaton Pump	AS1020, AS1025 and AS1220
3	840000065	1	O-ring, Between Gear and Piston Pump	
4	800303119	1	Fitting, 10 FLM X 12 ORM ST	
5	860000032	1	Destroke Kit, Eaton "B" Series	
6	860000033	1	Coil, Destroke Valve	
7	860000034	1	Nut, Coil, Destroke Valve	
8	860000023	1	Compensator	"B" - Style Pump
9	800302494	1	Fitting, Bolt Flange Code 61	
10	800404002	1	Fitting, 16 ORM X 16 ORM	
11	860000012	1	Silencer, Hydraulic	
12A	800302504	1	Fitting, 16 FLM x 16 ORM 45	AS720
12B	800302410	1	Fitting, 16 ORM x 16 FLM ST	AS1020, AS1025 and AS1220
13	800460095	1	Adapter 61 Straight -20-32	
14	800450050	1	Kit, Split Flange 2" Code 61	
15	800302454	1	Fitting, 20 FLF X 16 FLM	
16	800302410	2	Fitting, 16 ORM X 16 FLM ST	
17	860000037	1	Gear Pump	
18	902003045	2	Washer, Flat 3/8" ZP	
19	900000410	2	Bolt, HHCS 3/8"-16 x 1 1/4" G8	
20	800302242	2	Fitting, 10 FLM X 10 ORM ST	
	860000035		Complete Pump Assembly	AS720
	860000036		Complete Pump Assembly	AS1020, AS1025 and AS1220

Junction Manifold Mounting

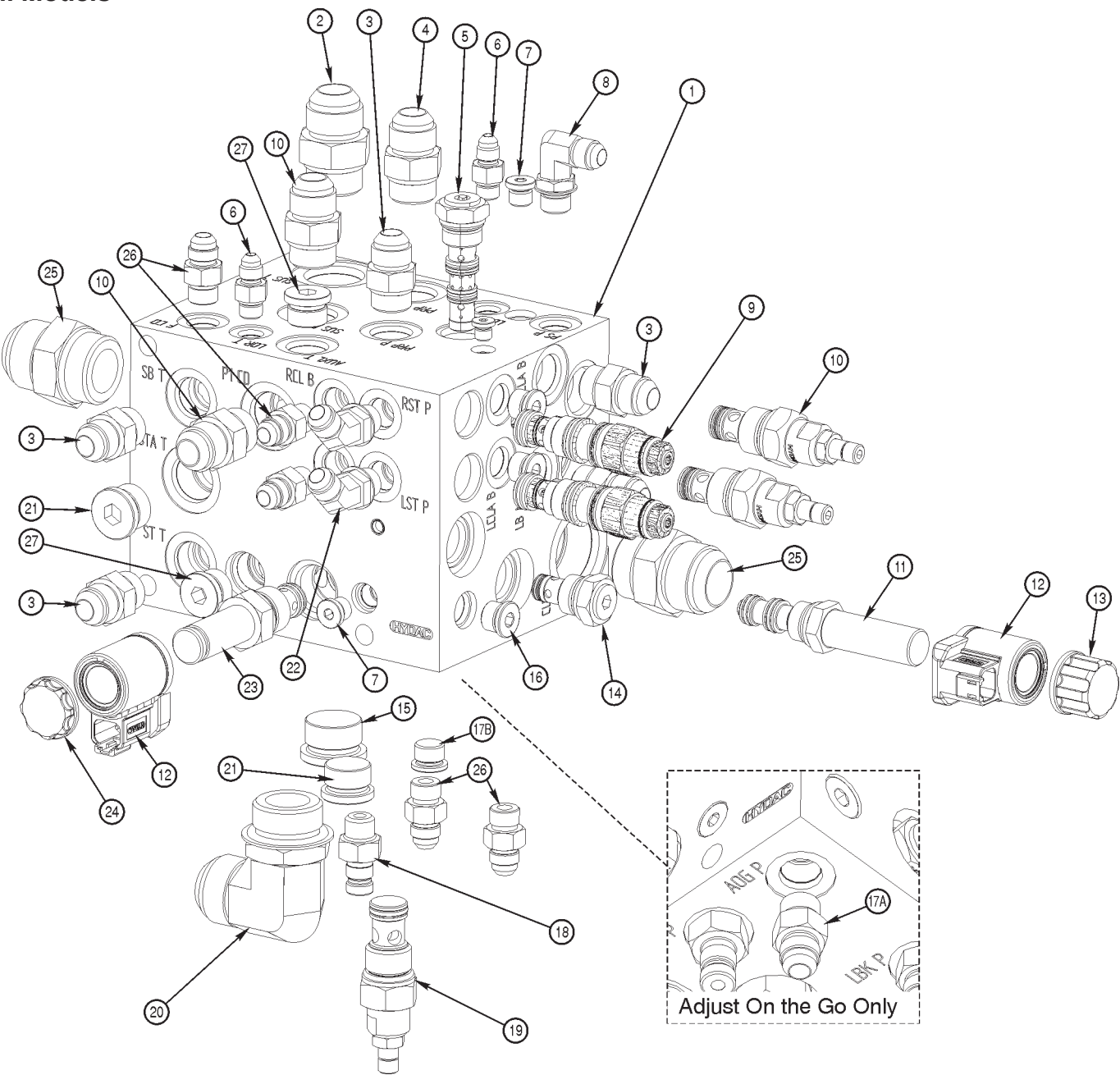
All Models



Item	Part Number	Qty	Description	Comments
1	810000100	1	Manifold, Junction/Steer 2012	
2	900010716	3	Bolt, HHCS 3/8 -16 x 7"	
3	902003045	3	Washer, Flat 3/8 ZP	
4	901003020	3	Nut, Nylock 3/8-16 ZP	

Junction Manifold

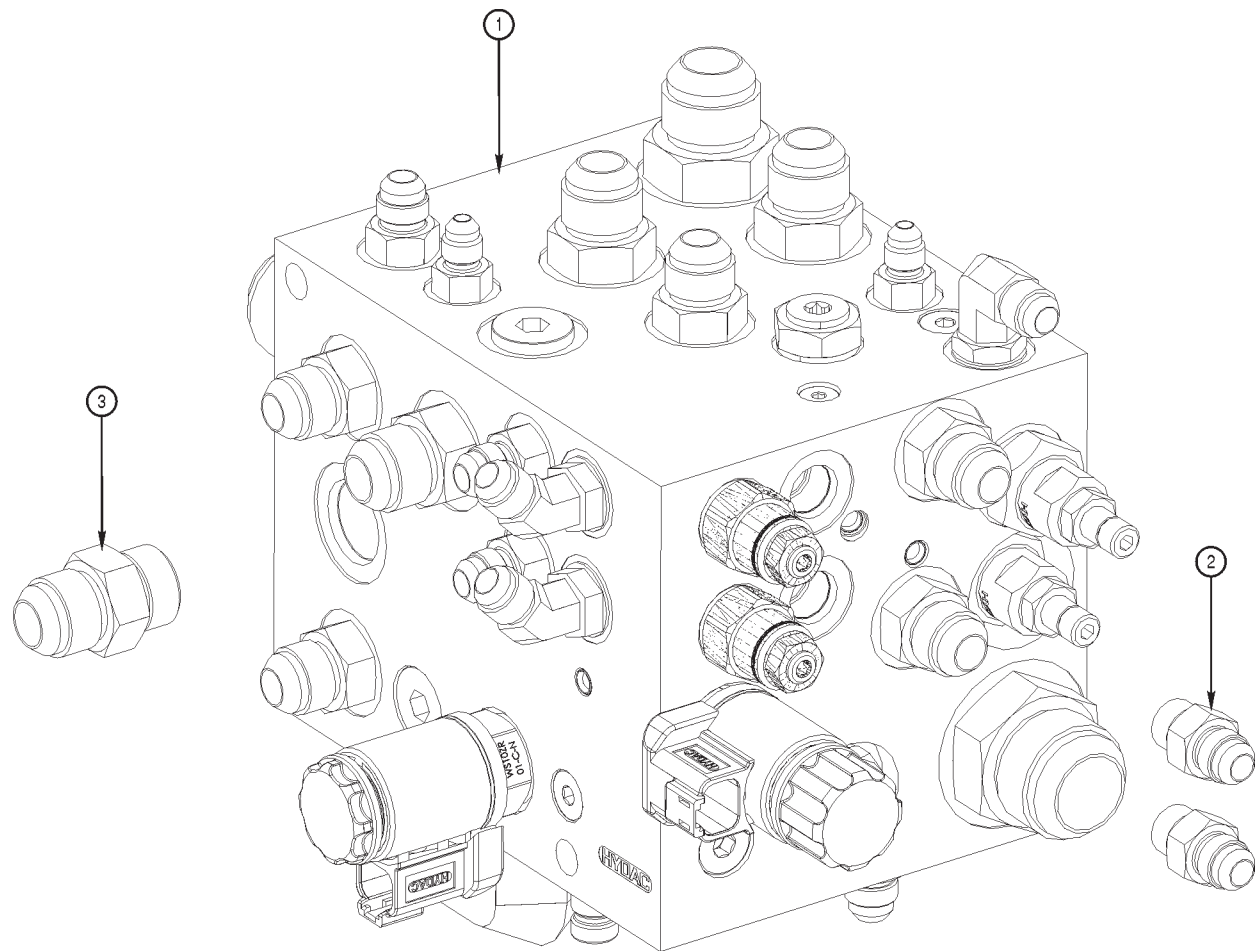
All Models



Item	Part Number	Qty	Description	Comments
1	810000100	1	Manifold, Junction/Steer 2012	
2	800303120	1	Fitting, 12 FLM x 12 ORM ST	
3	800303030	5	Fitting, 8 FLM x 8 ORM ST	
4	800302242	3	Fitting, 10 FLM x 10 ORM ST	
5	810000027	1	Valve, Control	
6	800302185	2	Fitting, 4 FLM x 4 ORM ST	
7	800000560	2	Plug, SAE 4 ORB Hollow Hex	
8	800404215	1	Fitting, 6 FLM x 6 ORM 90	
9	810000036	2	Counter balance Valve, Steering	Seal Kit P/N 810000056
10	810000039	2	Valve, Flow Control	Seal Kit P/N 810000052
11	810000037	1	Solenoid Valve, Ladder/Brake	Seal Kit P/N 810000057
12	810000040	2	Coil, 12 Volt	
13	810000042	1	Nut, Coil Tall	
14	810000049	1	Check Valve, 5 PSI Junction	
15	800000620	1	Plug ST O/R Socket 3/4"	
16	800000690	3	Plug, ST THD O R Hex 6408-6	
17A	800303022	1	Fitting, 6 FLM x 6 ORM ST	Use fitting if equipped with Adjust On the Go
17B	800000690	1	Plug, ST THD O R Hex 6408-6	Use plug if not equipped with Adjust On the Go
18	800302129	1	Fitting, QDC Pressure Port	
19	810000031	1	Needle Valve, Product Pump Pressure	Adjust to 120 psi, Seal Kit P/N 810000052
20	800404265	1	Fitting 16 FLM x 16 ORM 90 Deg	
21	800000600	2	Plug, HHPL 5/8" 10 ORM	
22	800302141	2	Fitting, 6 FLM x 6 ORM 45	
23	810000030	1	Solenoid Valve, Product Pump	Seal Kit P/N 810000052
24	810000041	1	Nut, Coil Short	
25	800302410	2	Fitting, 16 FLM x 16 ORM ST	
26	800303022	5	Fitting, 6 FLM x 6 ORM ST	
27	800000590	2	Plug Str O/R Socket 1/2	

Junction Manifold with AutoSteer or AutoPilot

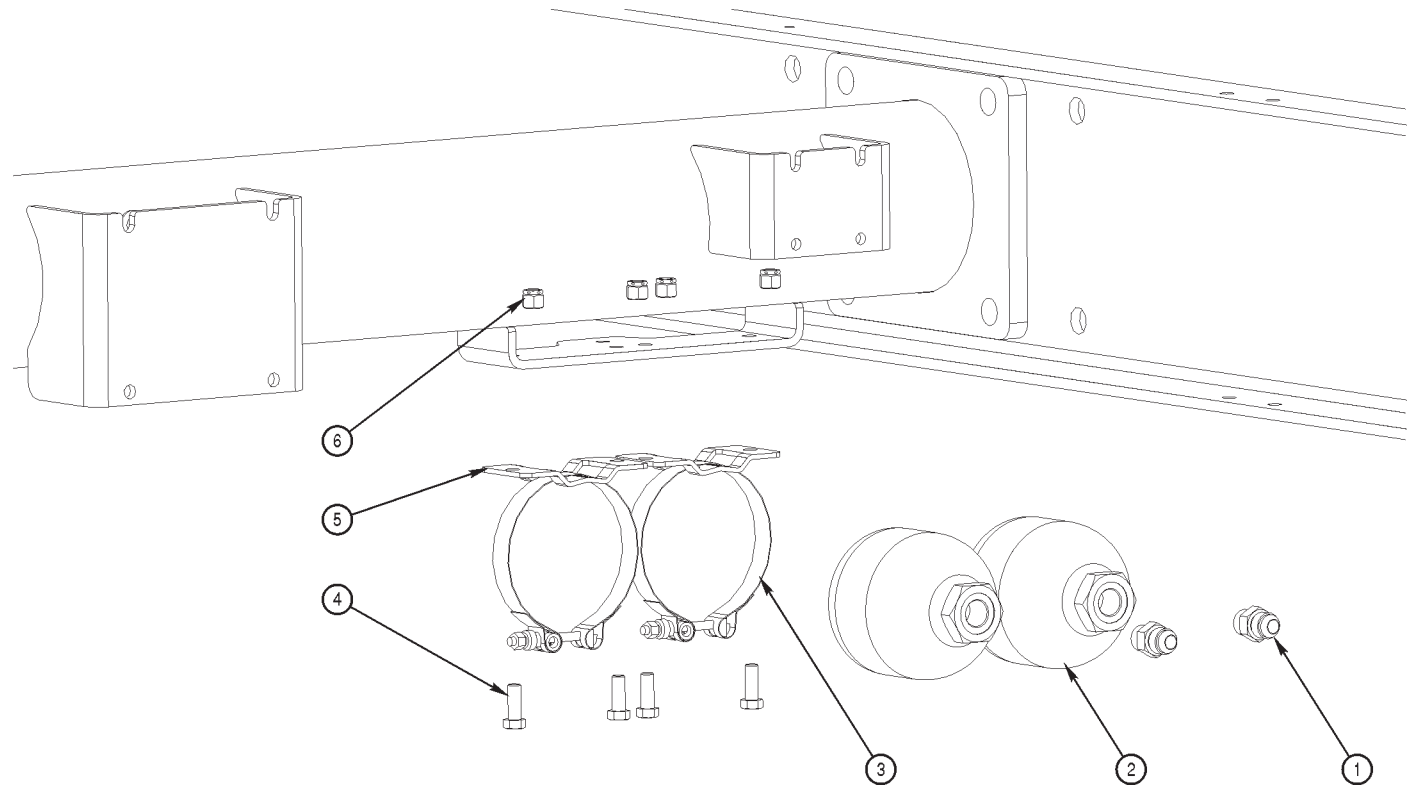
All Models



Item	Part Number	Qty	Description	Comments
1	810000100	1	Manifold, Junction/Steer 2012	
2	800303022	2	Fitting, 6 FLM x 6 ORM ST	
3A	800302242	1	Fitting, 10 FLM x 10 ORM ST	Used with Raven AutoSteer
3B	800303032	1	Fitting, 8 FLM x 10 ORM ST	Used with Trimble AutoPilot
See page 4-4 for all standard junction manifold fittings.				

Brake Accumulator

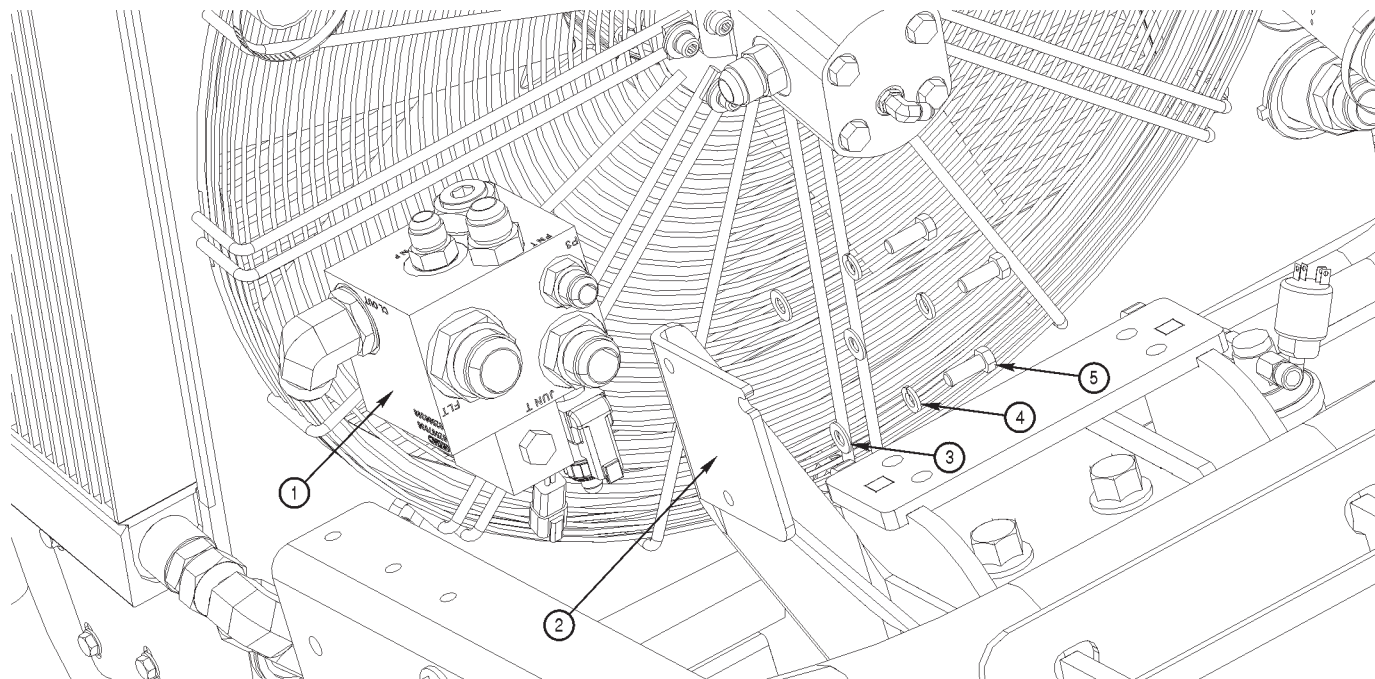
All Models



Item	Part Number	Qty	Description	Comments
1	800303445	2	Fitting, 8 FLM X 8 ORM ST	
2	301301120	2	Accumulator, Brake	Charged to 1200 PSI
3	301301121	2	Clamp, Brake Accumulator	
4	900002815	4	Bolt, HHCS 3/8-16 X 1" G5 ZP	
5	890000115	2	Bracket, Accumulator	
6	901003020	4	Nut, Nylock 3/8-16 ZP	
	700020101	1	Switch, Brake Pressure	Not shown
	800404226	1	Fitting, 8 ORB X 1/8 NPTF	Not shown

Fan Block Manifold Mounting

All Models

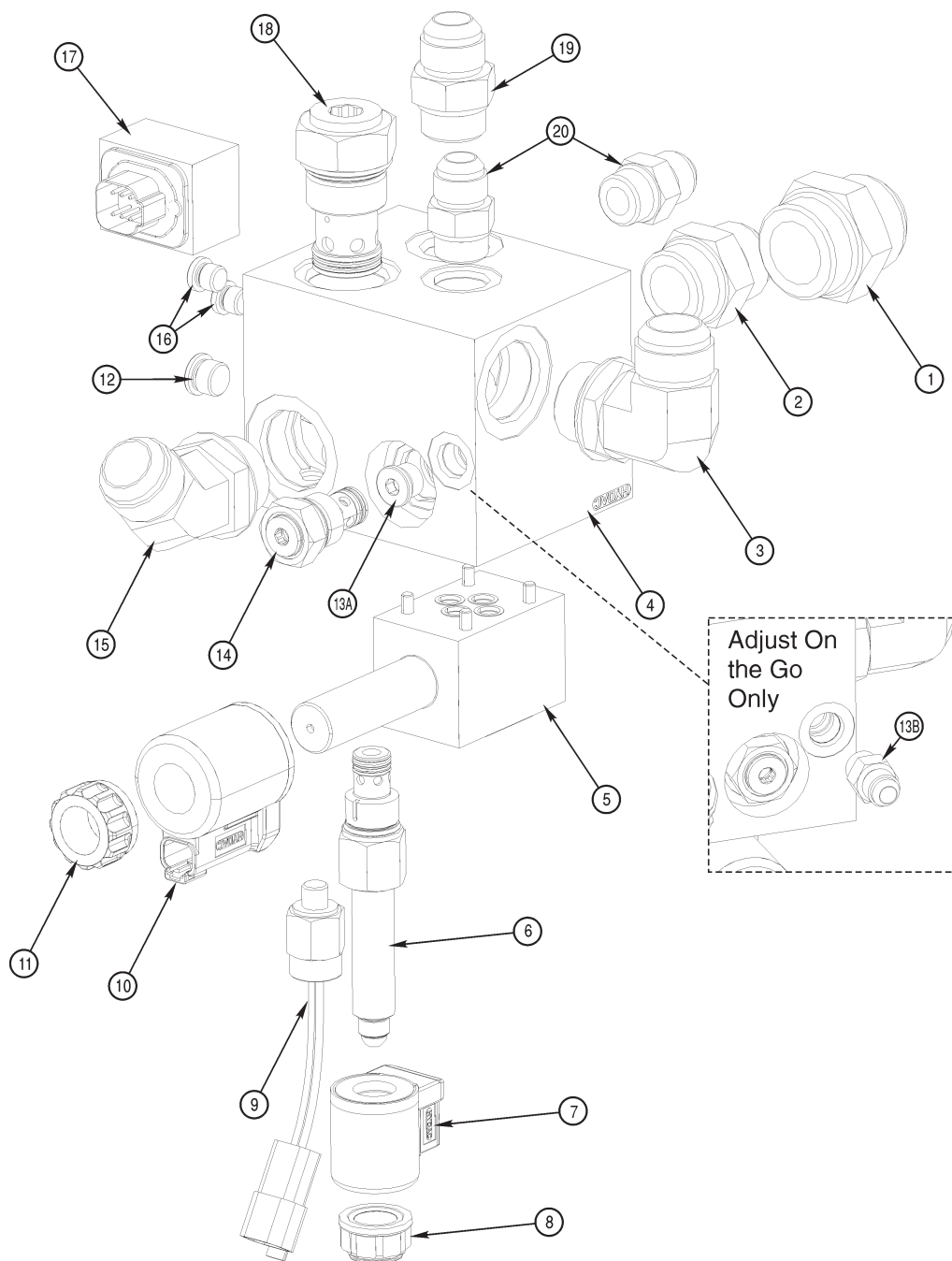


Item	Part Number	Qty	Description	Comments
1	810000120	1	Manifold, Fan Block	
2	100100117	1	Bracket, Fan Block 2012	
3	902003045	3	Washer, Flat 3/8 G5 ZP	
4	902003200	3	Washer, Lock 3/8 G5 ZP	
5	900002815	3	Bolt, HHCS 3/8-16 x 1 G5 ZP	

[illegible]

Fan Block Manifold

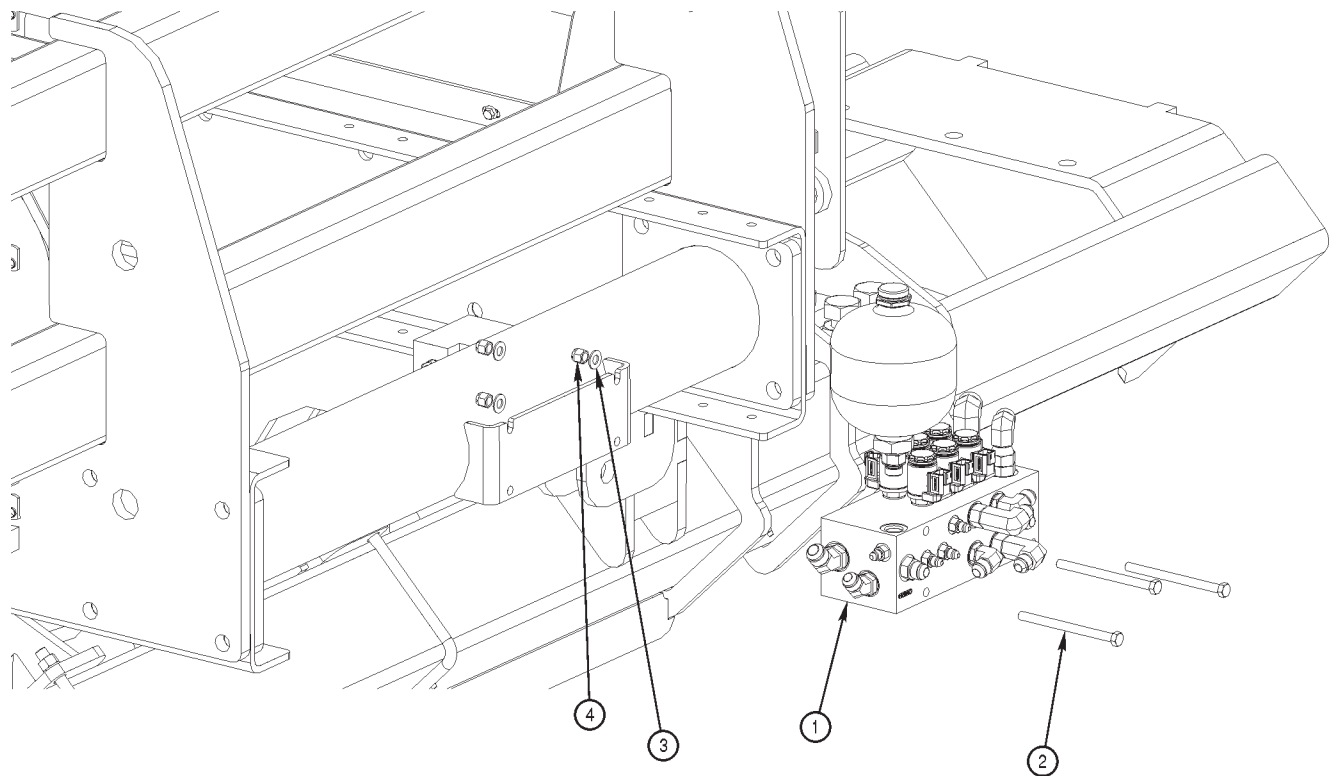
All Models



Item	Part Number	Qty	Description	Comments
1	800050280	1	Fitting, 20 FLM x 20 ORM ST	
2	800302410	1	Fitting, 16 FLM x 16 ORM ST	
3	800404265	1	Fitting, 16 FLM x 16 ORM 90	
4	810000120	1	Manifold, Fan Block	
5	810000084	1	Directional Control Valve 4/2	
6	810000082	1	Proportional Valve, Pressure Relief	
7	810000085	1	Coil, 12V Hydac Prop Valve 2.2	
8	810000066	1	Nut, Hydac Coil Size 8 Open	
9	700020112	1	Switch, Temp NC 200F 1/4 ORB	
10	810000086	1	Coil, 12V Hydac Size 10	
11	810000087	1	Nut, Coil Hydac Size 10	
12	800000690	1	Plug, ST THD O R HEX 6408-6	
13A	800000690	1	Plug, ST THD O R HEX 6408-6	Use plug if not equipped with Adjust On the Go
13B	800303022	1	Fitting, 6 FLM x 6 ORM ST	Use fitting if equipped with Adjust On the Go
14	810000083	1	Check Valve, 5 PSI, SAE8 Hydac	
15	800302504	1	Fitting, 16 FLM x 16 ORM 45	
16	800000550	2	Plug, SAE 4 ORB Hollow Hex	
17	750000020	1	Fan Control Module 2012	
18	810000029	1	Check Valve , 100 PSI	Seal Kit P/N 810000058
19	800303120	1	Fitting, 12 FLM x 12 ORM ST	
20	800302242	2	Fitting, 10 FLM x 10 ORM ST	

Suspension / Back Rack
Accumulator Manifold Mounting

All Models

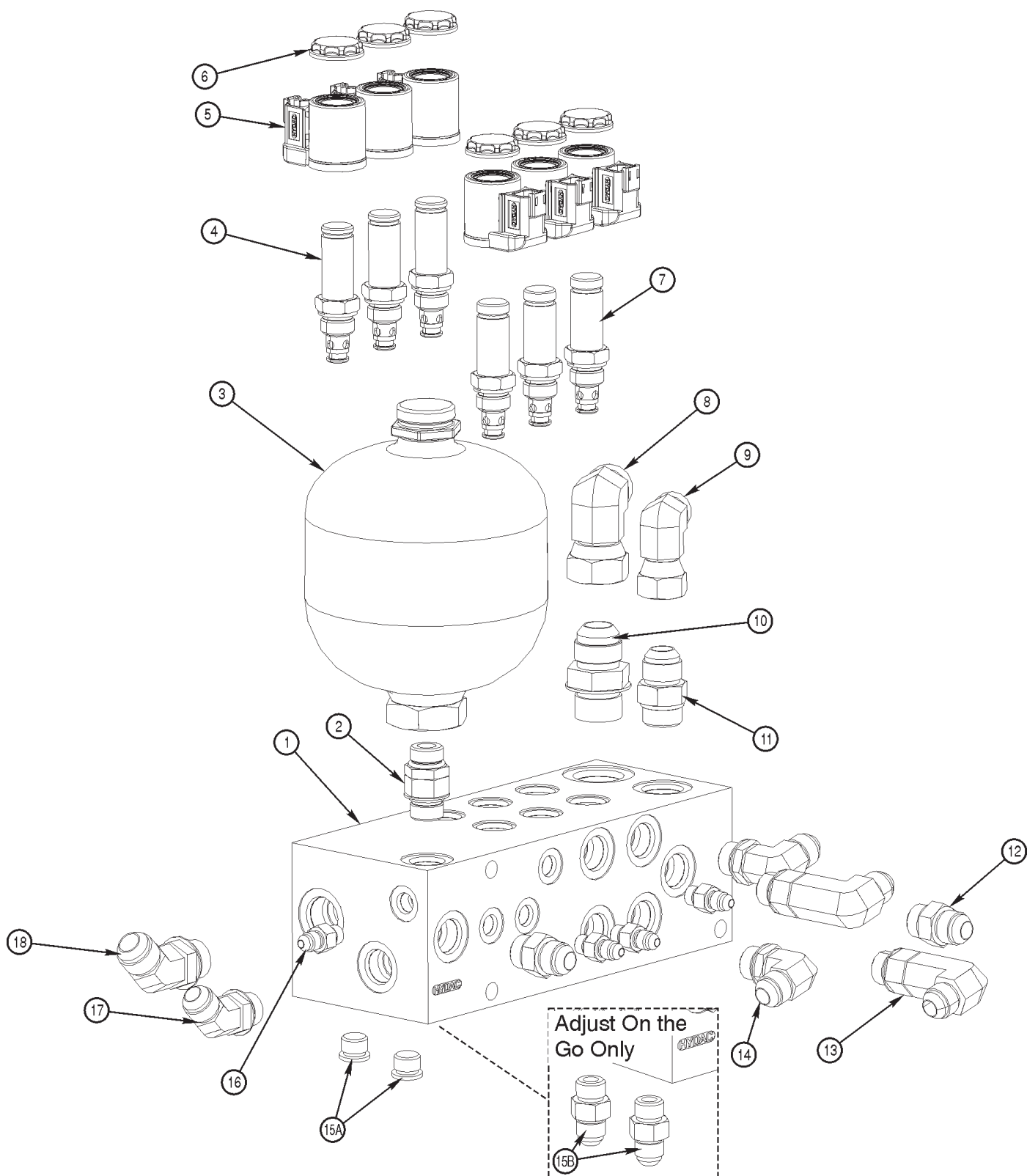


Item	Part Number	Qty	Description	Comments
1	810000105	1	Manifold, Suspension 2012	
2	900000490	3	Bolt, HHCS 3/8-16 x 5 G5	
3	902003045	3	Washer, Flat 3/8 ZP	
4	901003020	3	Nut, Nylock 3/8-16 ZP	

NOTES

Suspension Manifold / Back Rack Accumulator Manifold

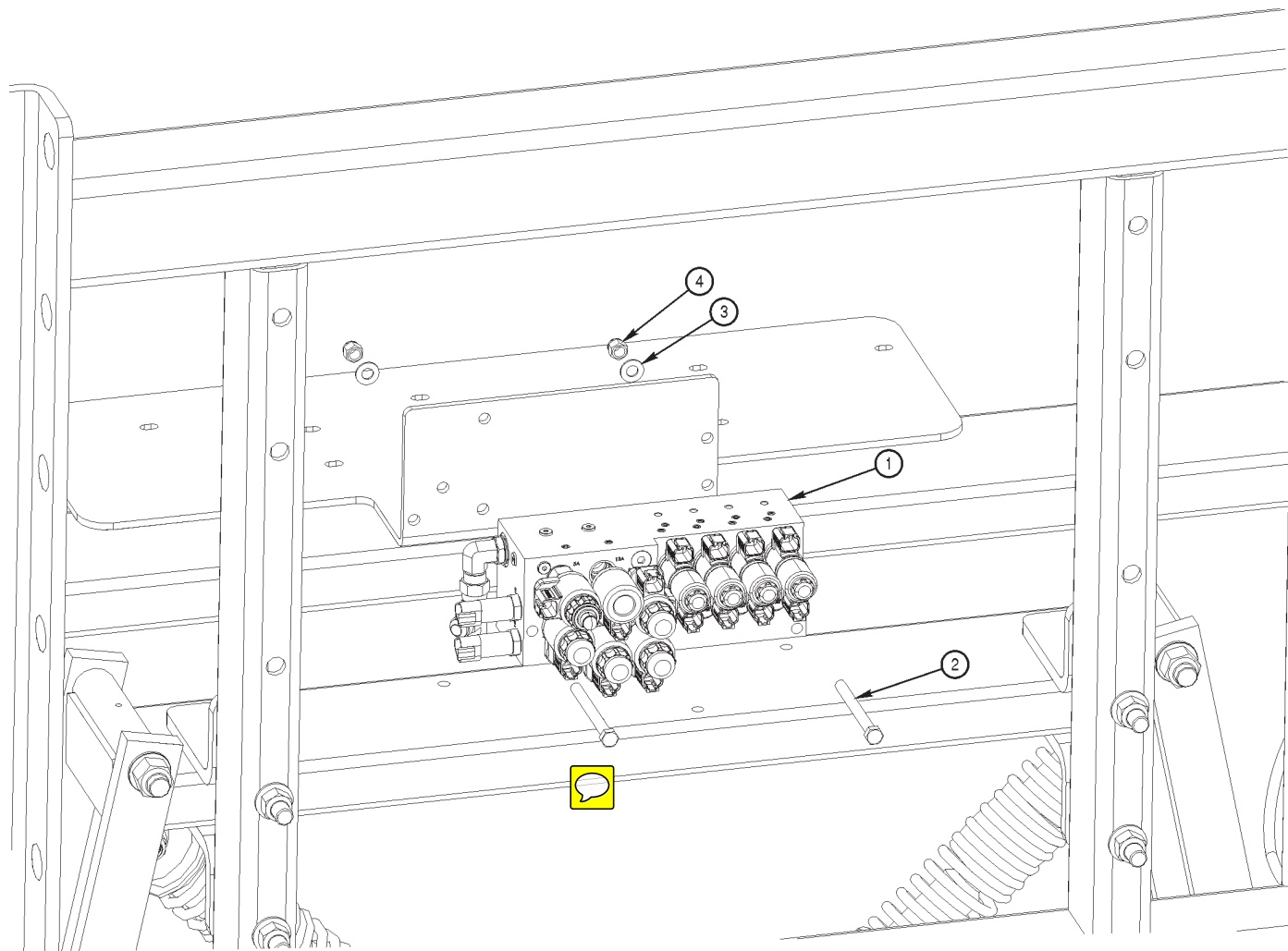
All Models



Item	Part Number	Qty	Description	Comments
1	810000105	1	Manifold, Suspension	
2	800302140	1	Fitting, 8 ORM x 8 ORM	
3	600901512	1	Accumulator, Backrack 60 Cubic Inch	200 PSI
4	810000033	3	Valve, Solenoid	Seal Kit P/N 810000053
5	810000040	6	Coil, Hydac 12 Volt	
6	810000041	6	Nut, Coil Short	
7	810000032	3	Valve, Solenoid	Seal Kit P/N 810000053
8	800403625	1	Fitting, 12 FLM x 12 FLF 90	
9	800302425	1	Fitting, 10 FLM x 10 FLF 90	
10	800303120	1	Fitting, 12 FLM x 12 ORM ST	
11	800302242	1	Fitting, 10 FLM x 10 ORM ST	
12	800303030	2	Fitting, 8 FLM x 8 ORM ST	
13	800302152	2	Fitting, 8FLM X 8ORM 90 EXT	
14	800404230	2	Fitting, 8FLM X 8ORM 90	
15A	800000690	2	Plug, StTTHD O R Hex 6408-6	Use plugs if not equipped with Adjust On the Go
15B	800303022	2	Fitting, 6 FLM x 6 ORM ST	Use fittings if equipped with Adjust On the Go
16	800302185	4	Fitting, 4 FLM x 4 ORM ST	
17	800302502	1	Fitting, 8 FLM x 8 ORM 45	
18	800302499	1	Fitting, 10 FLM x 10 ORB 45	

Boom Manifold Mounting

All Models

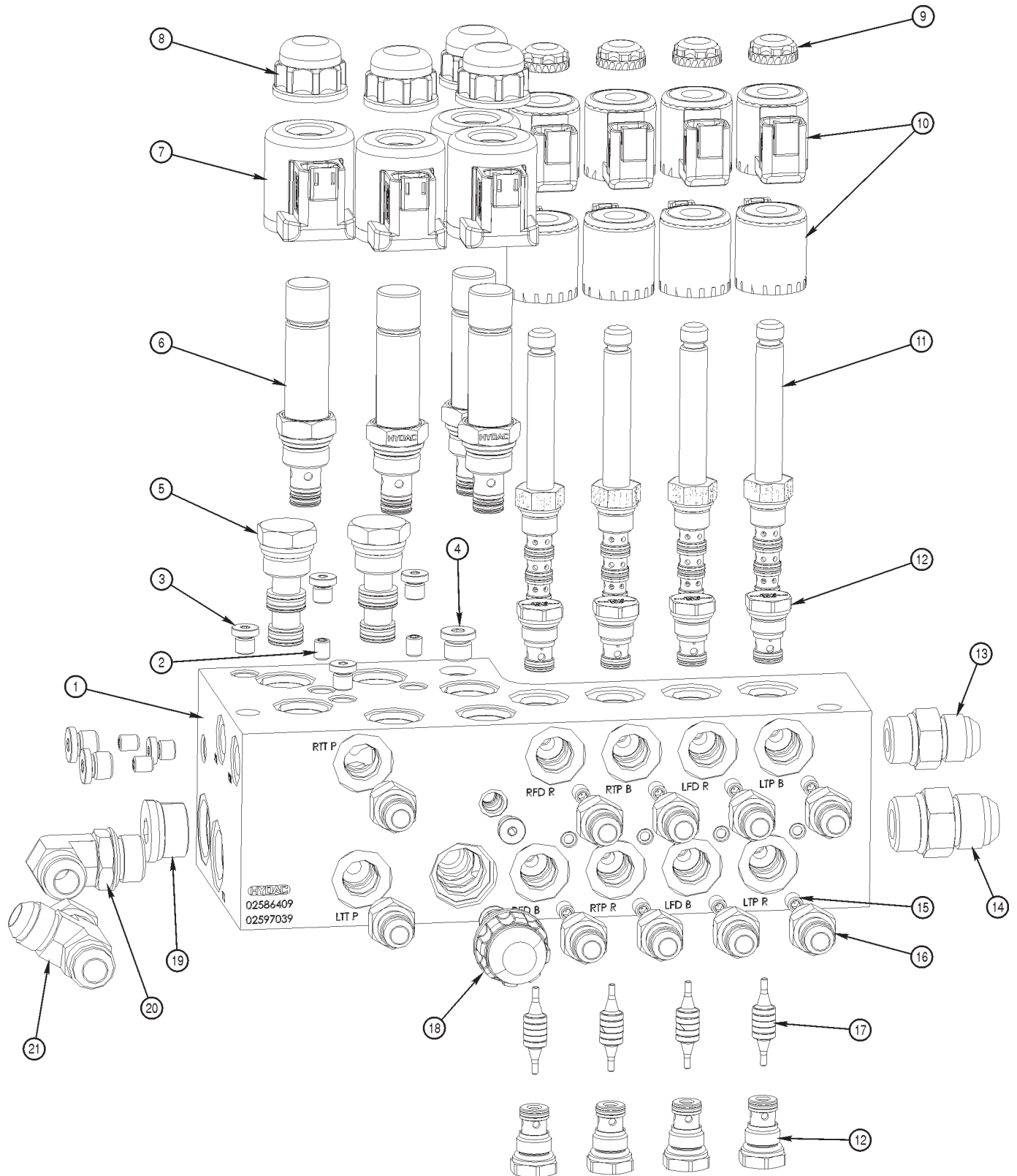


Item	Part Number	Qty	Description	Comments
1A	810000110	1	Manifold, Boom - AutoBoom Ready	
1B	810000115	1	Manifold, Boom - Plugged	
2	900002885	2	Bolt, HHCS 3/8-16 x 4" G8	
3	902003045	2	Washer, FLAT 3/8 ZP	
4	901003020	2	Nut, Nylock 3/8-16 ZP	

[illegible]

Boom Manifold

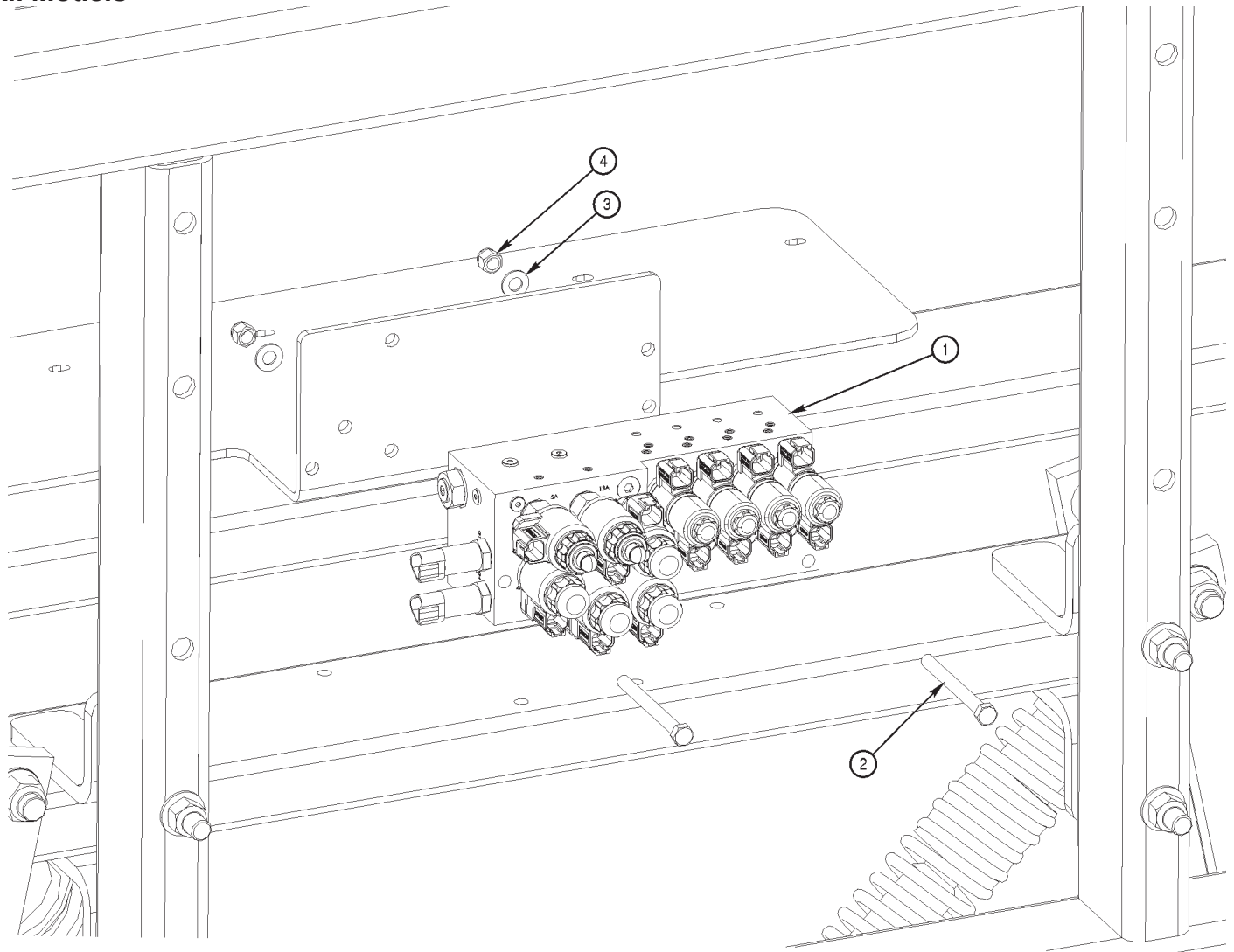
All Models



Item	Part Number	Qty	Description	Comments
1	810000115	1	Manifold, Boom - Plugged	
2	800302301	2	Orifice, 14-20 Plug 0.060 Dia	
3	800000550	8	Plug, SaE2 ORB Hollow Hex	
4	800000560	3	Plug, SaE 4 ORB Hollow Hex	
5	810000081	2	Cavity Plug, Hydac SaE 8, 3 Way	
6	810000063	4	Solenoid Valve, Left and Right Up/Down	Seal Kit P/N 810000053
7	810000040	4	Coil, Hydac 12 volt	
8	810000064	4	Nut, Hydac Coil Size 8	
9	810000060	4	Nut, Hydac Coil Size 6	
10	810000062	8	Coil, 12 Volt Size 6	
11	810000059	4	Valve, Solenoid	Seal Kit P/N 810000069
12	810000061	8	Check Valve, Boom Manifold	Seal Kit P/N 810000055
13	800303030	1	Fitting, 8 FLM x 8 ORM ST	
14	800302242	1	Fitting, 10 FLM x 10 ORM ST	
15	800302304	8	Orifice, 14-20 Plug 0.040 Dia	
16	800303022	10	Fitting, 6 FLM x 6 ORM ST	
17	810000078	4	Pilot Piston, Dual, Size 6	
18	810000079	1	Control Valve, Directional Manually Operated	
19	800000600	1	Plug, HHPL 5/8" 10 orm	
20	800404230	1	Fitting 8 FLM X 8 ORM 90	
21	800501060	1	Tee, Swivel nut Run 8 JIC	
	K65000231		Kit, PowerGlide AutoBoom 2012 Models	
	K65000232		Kit, UltraGlide 2012 Models	
	K65000233		Kit, UltraGlide w/wheels 2012 Models	
	K65000236		Kit, UltraGlide - 5 eyes 2012 Models	
	K65000237		Kit, Powerglide AutoBoom w/center eye 2012 Models	

Boom Manifold Mounting (AutoBoom Ready)

All Models

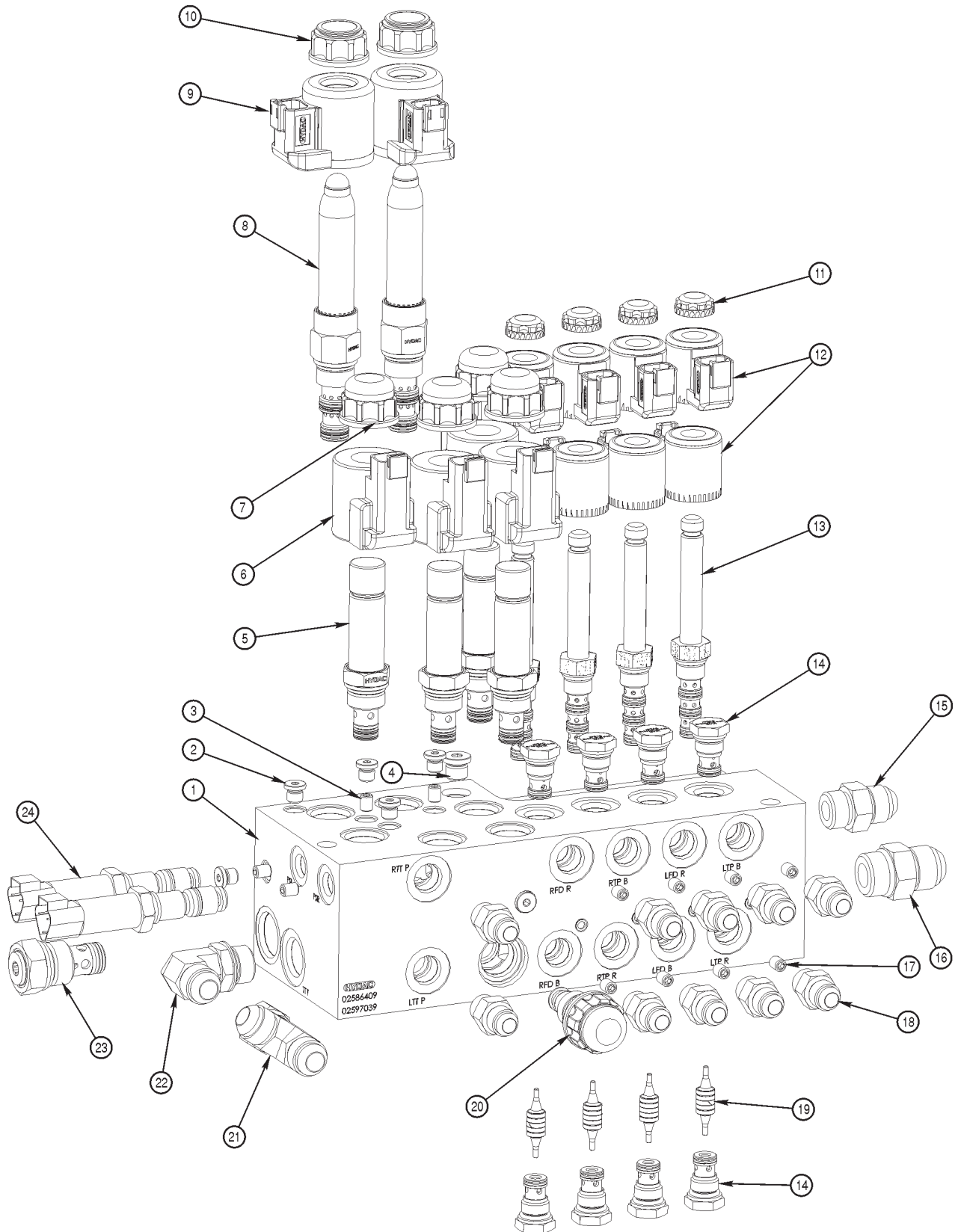


Item	Part Number	Qty	Description	Comments
1A	810000110	1	Manifold, Boom - AutoBoom Ready	
1B	810000115	1	Manifold, Boom - Plugged	
2	900002885	2	Bolt, HHCS 3/8-16 x 4 G8	
3	902003210	2	Washer, Flat 1/2" G5 ZP	
4	901003020	2	Nut, Nylock 3/8"	

This image shows a full page of blank white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for writing or drawing. There are no margins, text, or other markings present.

Boom Manifold (AutoBoom Ready)

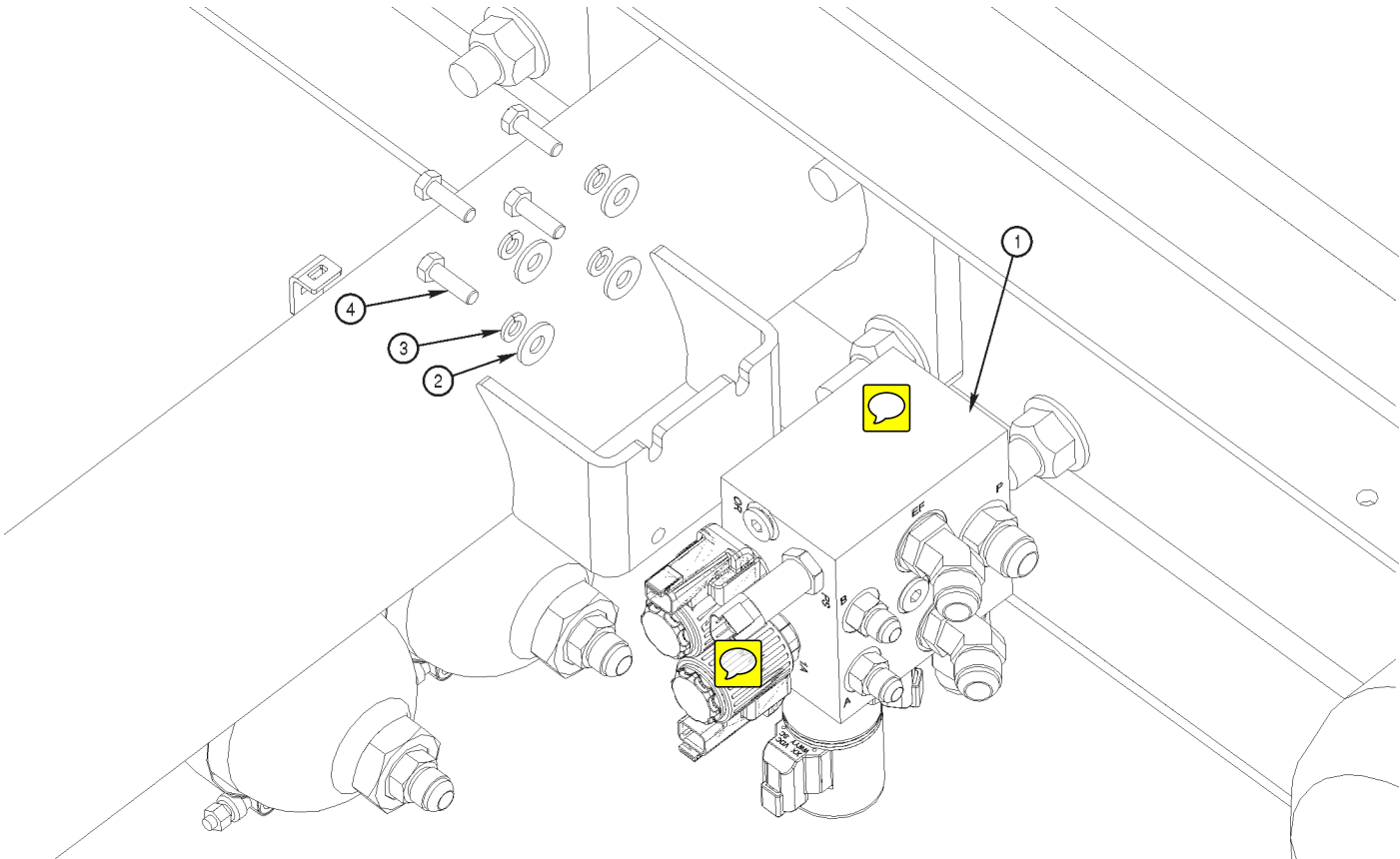
All Models



Item	Part Number	Qty	Description	Comments
1	810000110	1	Manifold, Boom - autoBoom Ready	
2	800000550	8	Plug, SaE2 ORB Hollow Hex	
3	800302301	4	Orifice, 14-20 Plug 0.060 Dia	
4	800000560	1	Plug, SaE 4 ORB Hollow Hex	
5	810000063	4	Solenoid Valve, Left and Right Up/Down	Seal Kit P/N 810000053
6	810000040	4	Coil, Hydac 12 volt	
7	810000064	4	Nut, Hydac Coil Size 8	
8	810000065	2	Solenoid Valve, Proportional, Left and Right Pressure	Seal Kit P/N 810000057
9	810000080	2	Coil, 12 Volt Hydac Prop Valve	
10	810000066	2	Nut, Hydac Coil Size 8 Open	
11	810000060	4	Nut, Hydac Coil Size 6	
12	810000062	8	Coil, 12 Volt Size 6	
13	810000059	4	Valve, Solenoid	
14	810000061	8	Check Valve, Boom Manifold	Seal Kit P/N 810000069
15	800303030	1	Fitting, 8 FLM x 8 ORM ST	Seal Kit P/N 810000055
16	800302242	1	Fitting, 10 FLM x 10 ORM ST	
17	800302304	8	Orifice, 14-20 Plug 0.040 Dia	
18	800303022	10	Fitting, 6 FLM x 6 ORM ST	
19	810000078	4	Pilot Piston, Dual, Size 6	
20	810000079	1	Control Valve, Directional Manually Operated	
21	800501060	1	Tee, Swivel Nut Run 8 JIC	
22	800404230	1	Fitting 8 FLM X 8 ORM 90	
23	810000067	1	Check Valve, AutoBoom Manifold	
24	611000186	2	Pressure Transducer	
	K65000231		Kit, Powerglide AutoBoom 2012 Models	
	K65000232		Kit, Ultraglride 2012 Models	
	K65000233		Kit, Ultraglride w/Wheels 2012 Models	
	K65000236		Kit, Ultraglride - with 5 eyes 2012 Models	
	K65000237		Kit, Powerglide autoBoom with Center Eye 2012 Models	

Raven AutoSteer Manifold Mounting

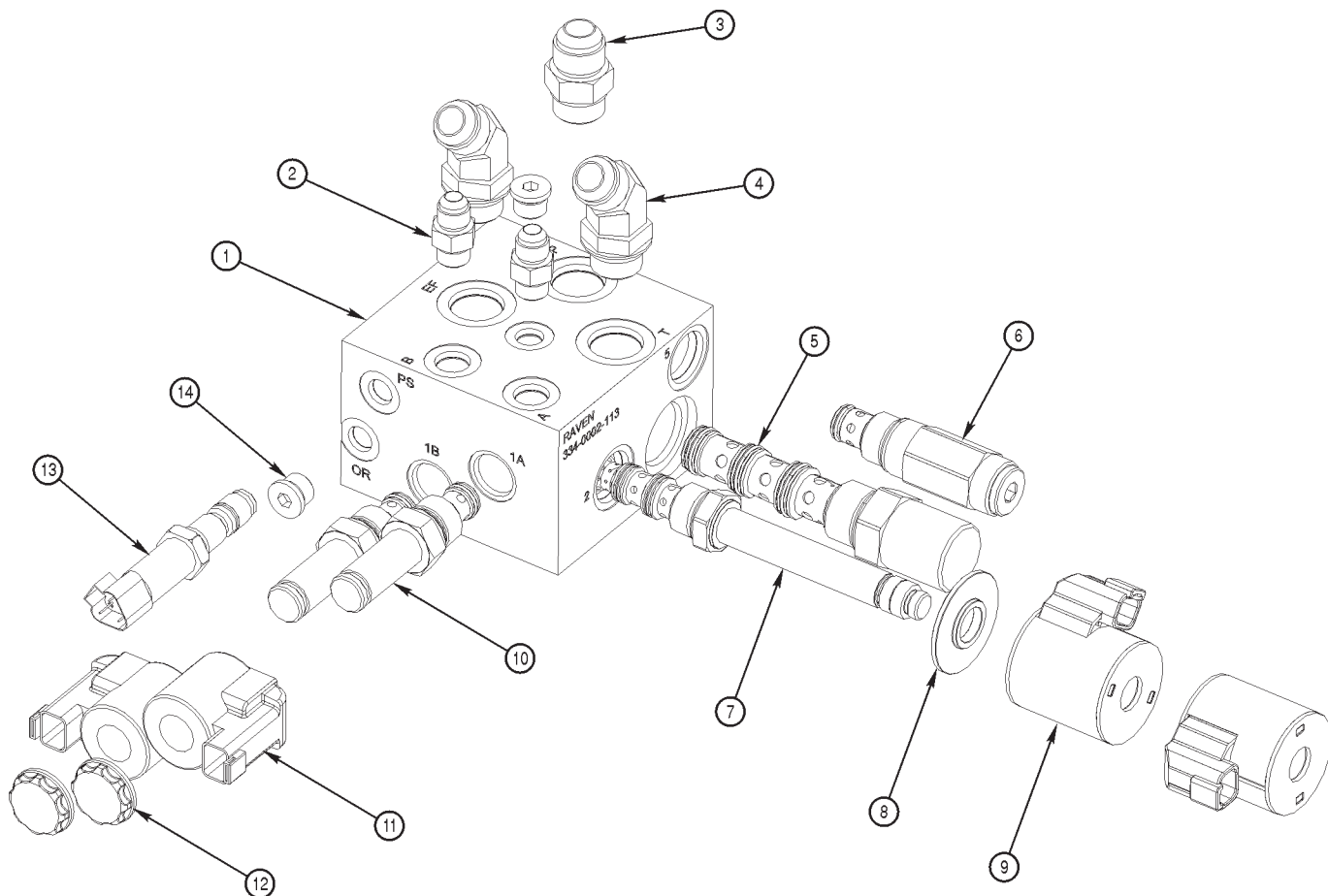
All Models



Item	Part Number	Qty	Description	Comments
1	740000135	1	Valve, SmarTrax AutoSteer	
2	902003195	4	Washer, Flat 5/16 G5 ZP	
3	902201095	4	Washer, Lock 5/16 ZP	
4	900002610	4	Bolt, HHCS 5/16-18 X 1" G5 ZP	
	K65000229		Kit, AutoSteer 2012	

Raven AutoSteer Manifold

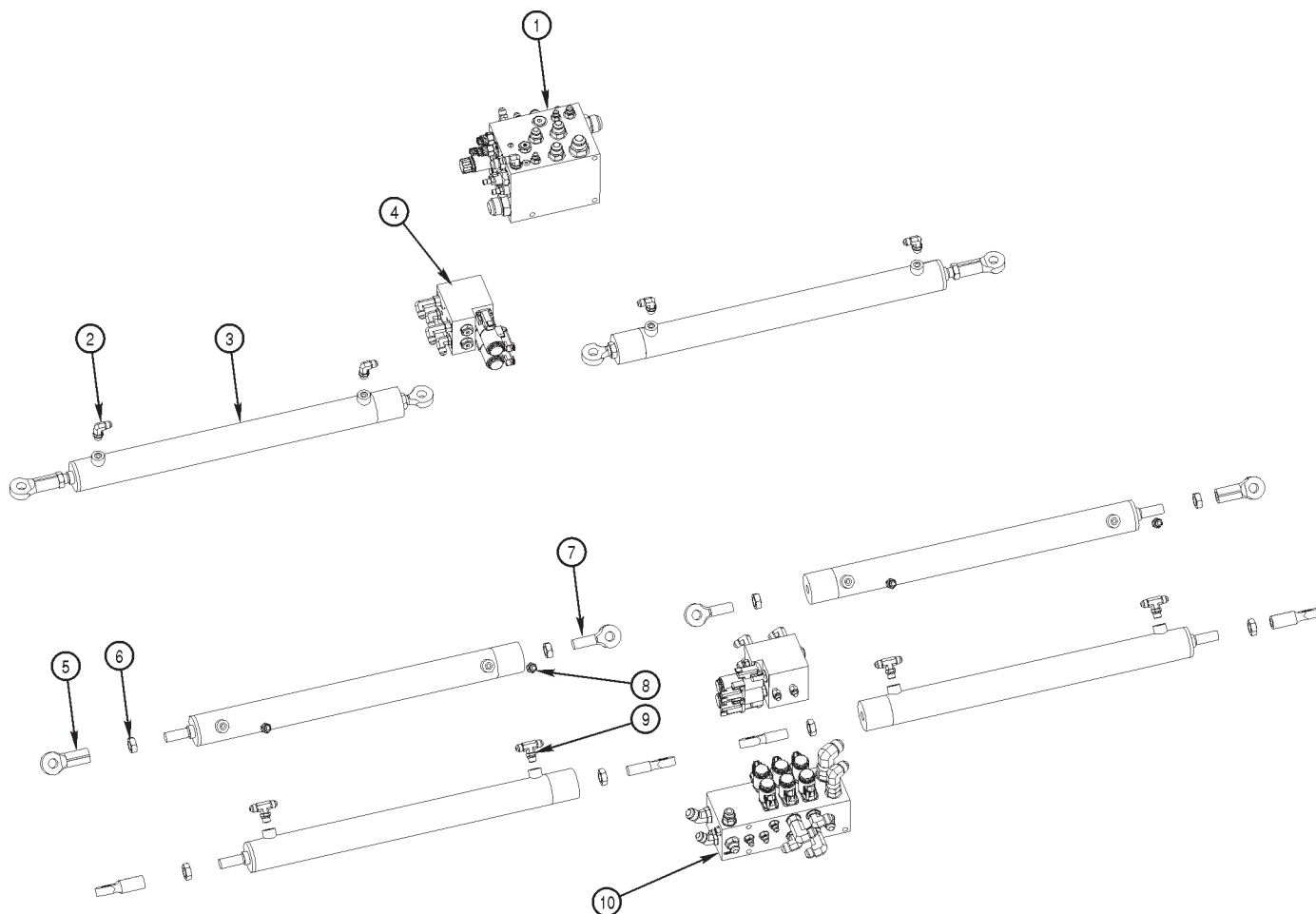
All Models



Item	Part Number	Qty	Description	Comments
1	740000135	1	Valve, SmarTrax AutoSteer	
2	800303022	2	Fitting, 6 FLM x 6 ORM ST	
3	800302242	1	Fitting, 10 FLM X 10 ORM ST	
4	800302499	2	Fitting, 10 FLM x 10 ORB 45	
5	810000073	1	Pressure Comp Size 12	
6	810000074	1	Relief Cartridge Size 10	
7	810000072	1	Solenoid Valve, Proportional Size 10	
8	810000076	1	Spacer, Coil, 12V Size 10	
9	810000075	2	Coil, 12V Size 10	
10	810000033	2	Solenoid Valve	
11	810000040	2	Coil, Hydac 12 Volt	
12	810000041	2	Nut, Hydac Coil Short	
13	611000186	1	Pressure transducer	
14	800000690	2	Plug, ST THD O-ring Hex 6408-6	
	740000065	1	Switch, Floor SmarTrax	
	A00000092		AutoSteer Fitting kit	
	A00000093		AutoSteer Hose kit	
	K65000229		Kit, AutoSteer 2012	

Adjust On the Go

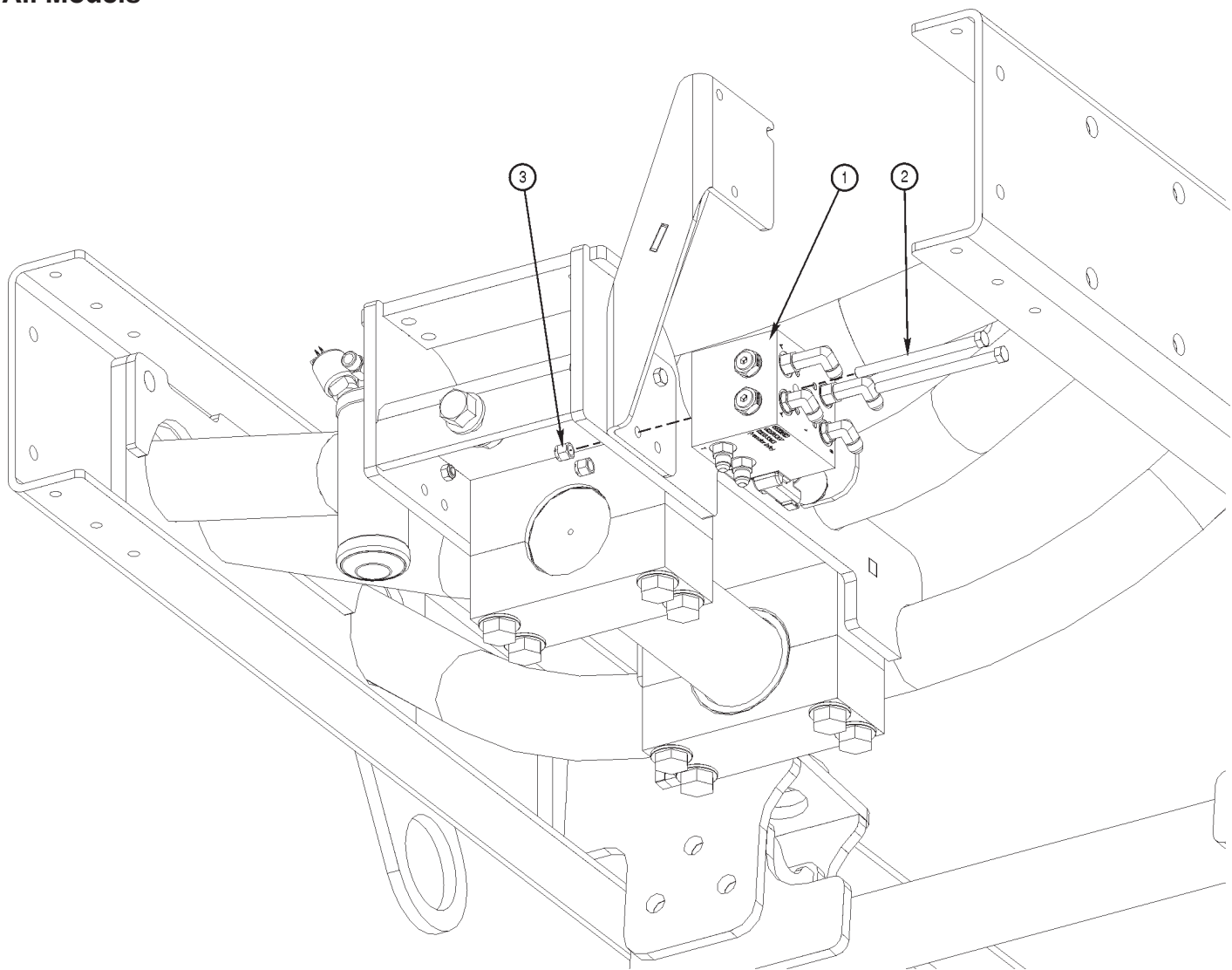
All Models



Item	Part Number	Qty	Description	Comments
1	810000100	1	Manifold, Junction	
2	800404215	4	Fitting, 6 FLM X 6 ORM 90	
3	850000005	6	Cylinder, AOG	
4	810000020	2	Manifold, Adjust on the go	
5	100106118	6	Ball Joint, Female R/H Thread	
6	901002117	12	Nut, Jam 3/4-16	
7	100106117	6	Ball Joint, Male R/H Thread	
8	800303022	4	Fitting, 6 FLM X 6 ORM ST	
9	800502805	4	Fitting, 6 FLM X 6 FLF X 6 FLM	
10	810000105	1	Manifold, Suspension	
	K65000035		Kit, AOG 2005	
	K65000186		Kit, AOG 2006 - 2010	
	K65000201		Kit, AOG 2011	
	K65000222		Kit, AOG 2012	
	A00000089		Kit, AOG Hose	
	A00000088		Kit, AOG Fitting	

Adjust On the Go Manifold Front Mounting

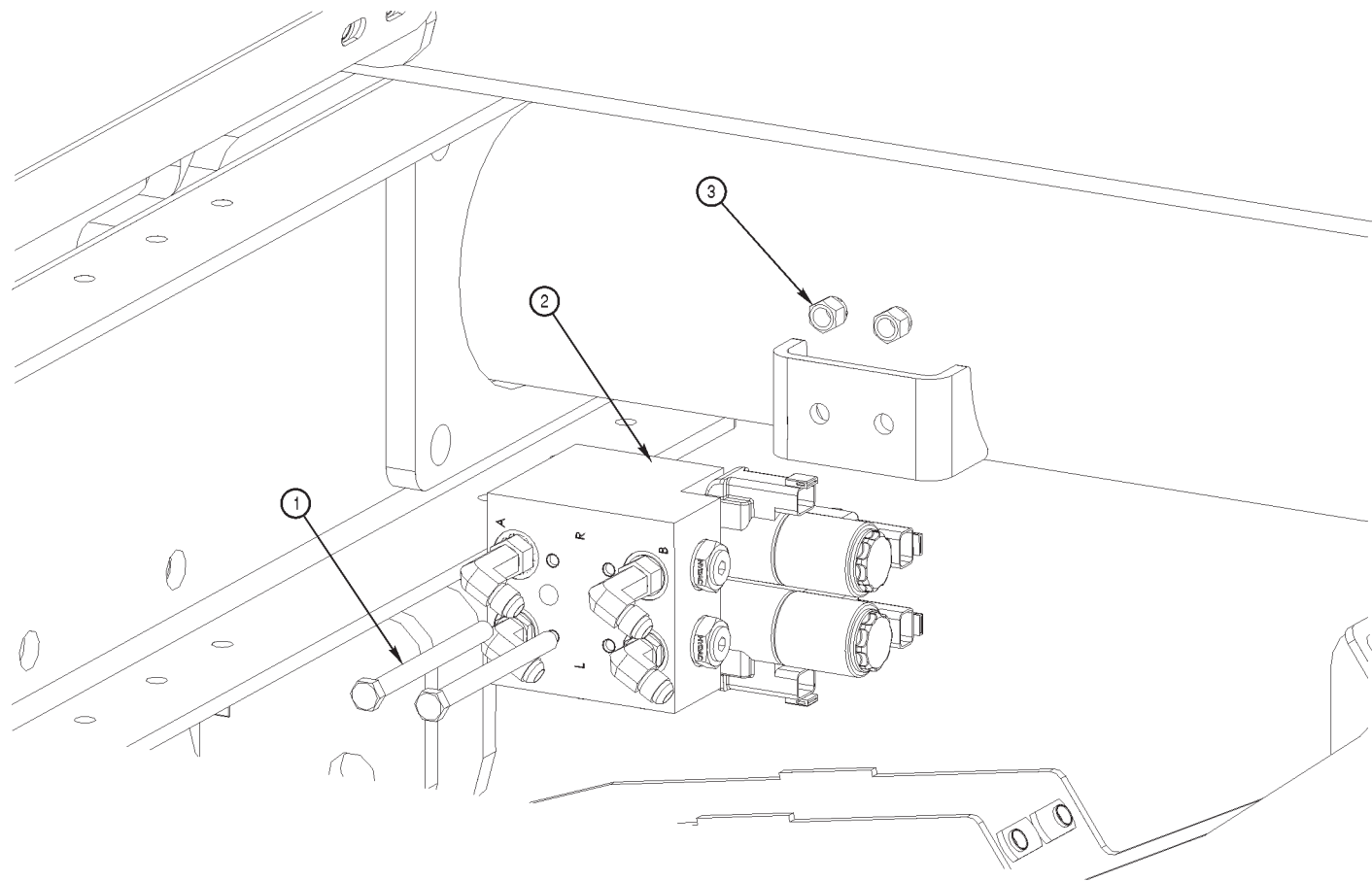
All Models



Item	Part Number	Qty	Description	Comments
1	810000020	1	Manifold, Adjust on the Go	
2	900000490	2	Bolt, HHCS 3/8-16 x 5 G5	
3	901003020	2	Nut, Nylock 3/8-16"	
	K65000222		Kit, AOG 2012	
	A00000089		Kit, AOG Hose	
	A00000088		Kit, AOG Fitting	

Adjust On the Go Manifold Rear Mounting

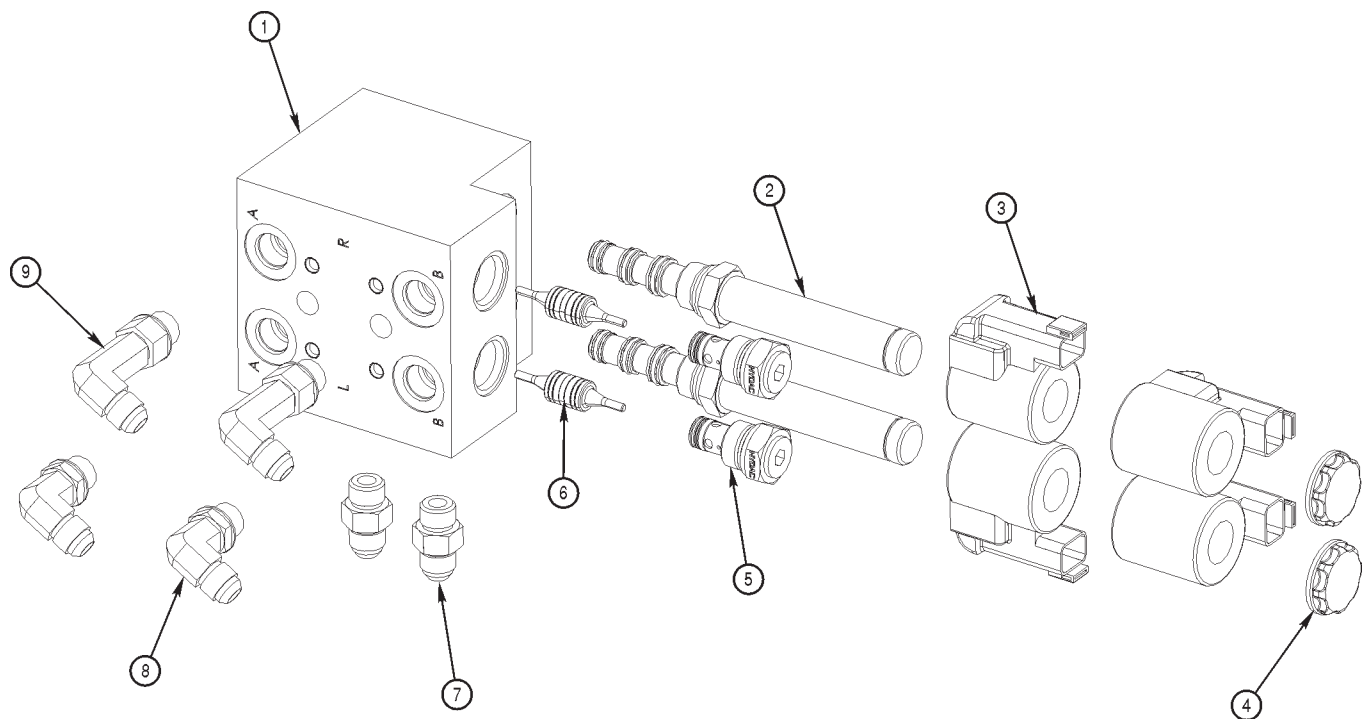
All Models



Item	Part Number	Qty	Description	Comments
1	900000490	2	Bolt, HHCS 3/8-16 x 5 G5	
2	810000020	1	Manifold, Adjust on the Go	
3	901003020	2	Nut, Nylock 3/8-16	
	K65000222		Kit, AOG 2012	
	A00000089		Kit, AOG Hose	
	A00000088		Kit, AOG Fitting	

Adjust On the Go Manifold

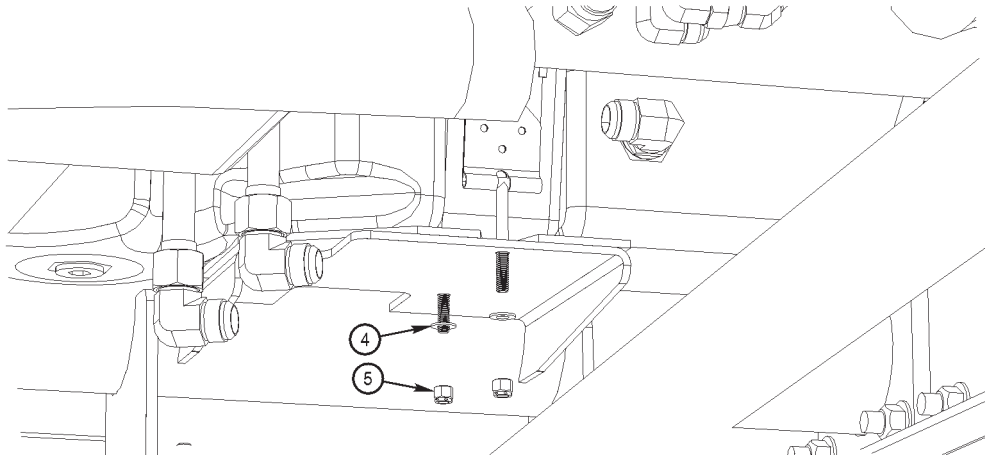
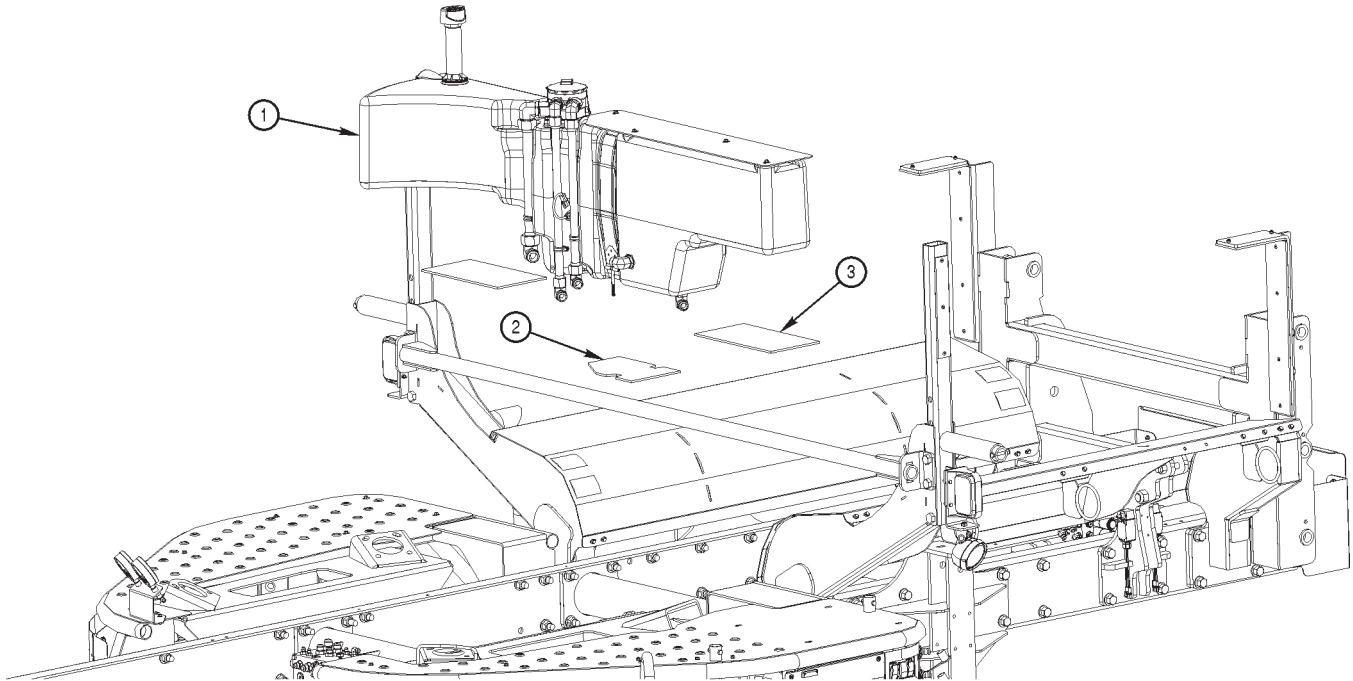
All Models



Item	Part Number	Qty	Description	Comments
1	810000020	2	Manifold, Adjust on the go	
2	810000034	2	Solenoid Valve	
3	810000040	4	Coil, Hydac 12 Volt	
4	810000041	2	Nut, Hydac Coil Short	
5	810000070	4	Check Valve, Adjust on the go	
6	810000071	4	Pilot Piston, ual, Size 8	
7	800303022	4	Fitting, 6 FLM x 6 ORM ST	
8	800404215	4	Fitting, 6 FLM X 6 ORM 90	
9	800302193	4	Fitting, 6 FLM x 6 ORM x Long drop	
	A00000088		AOG Fitting kit	
	A00000089		AOG Hose kit	
	K65000222		Kit, AOG 2012	

Hydraulic Tank Mounting

All Models

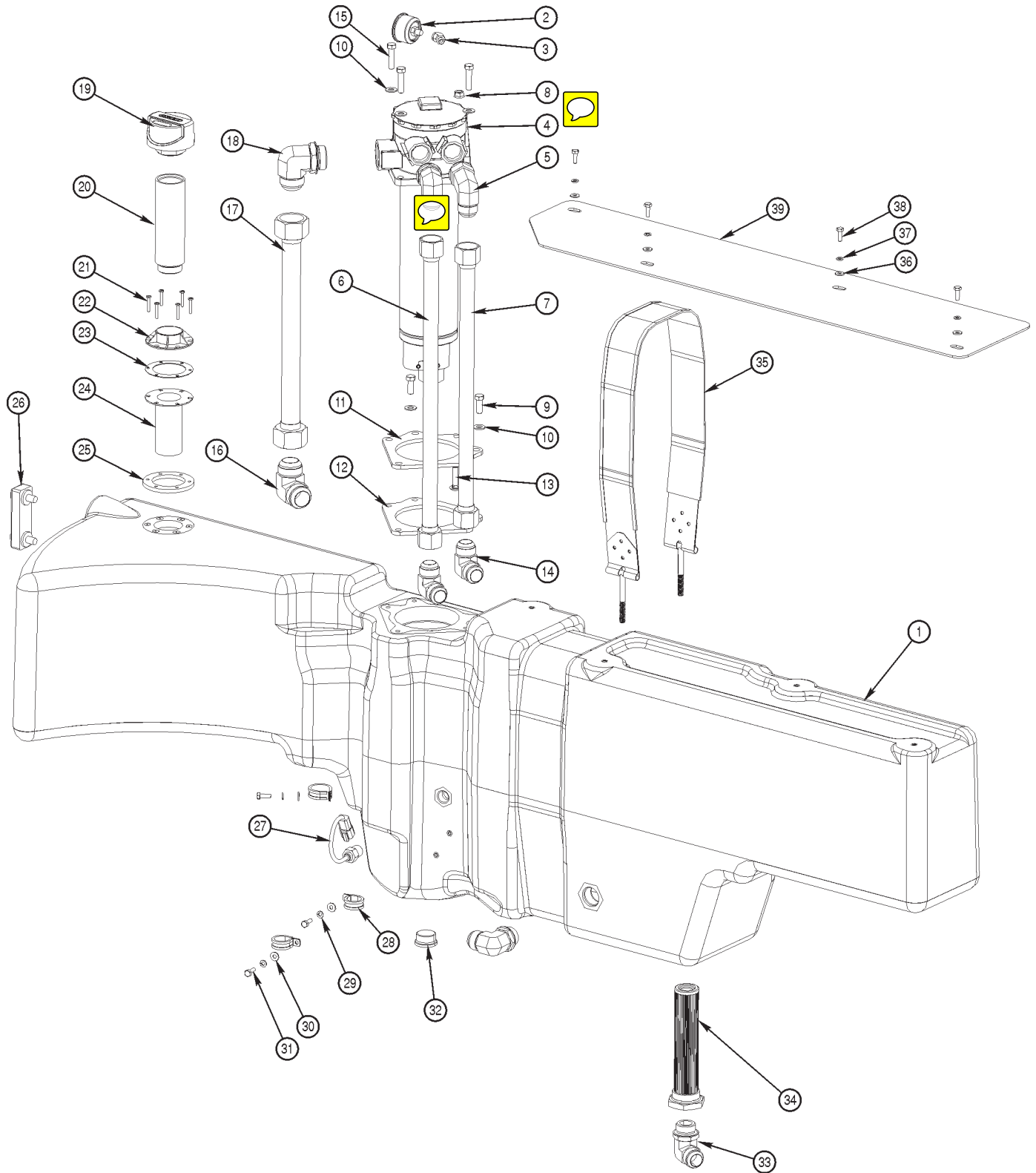


Item	Part Number	Qty	Description	Comments
1	880000015	1	Tank, Hydraulic	
2	880000036	1	Pad, Rubber, Hydraulic Tank Center	
3	880000028	2	Pad, Rubber, Hydraulic Tank	
4	902003045	4	Washer, Flat 3/8 ZP	For hydraulic tank strap
5	902003020	4	Nut, Nylock 3/8-16 ZP	For hydraulic tank strap
	K65000209		Kit, Hydraulic Filter	Includes o-rings
	K65000210		Kit, Hydraulic Filter with Oil	Includes o-rings
	A00000096	1	Kit, Fitting Hydraulic Tank	

This image shows a full page of blank handwriting practice paper. It features 20 evenly spaced horizontal blue lines across the entire page, providing a guide for letter height and placement. The lines are consistent in color and thickness throughout.

Hydraulic Tank

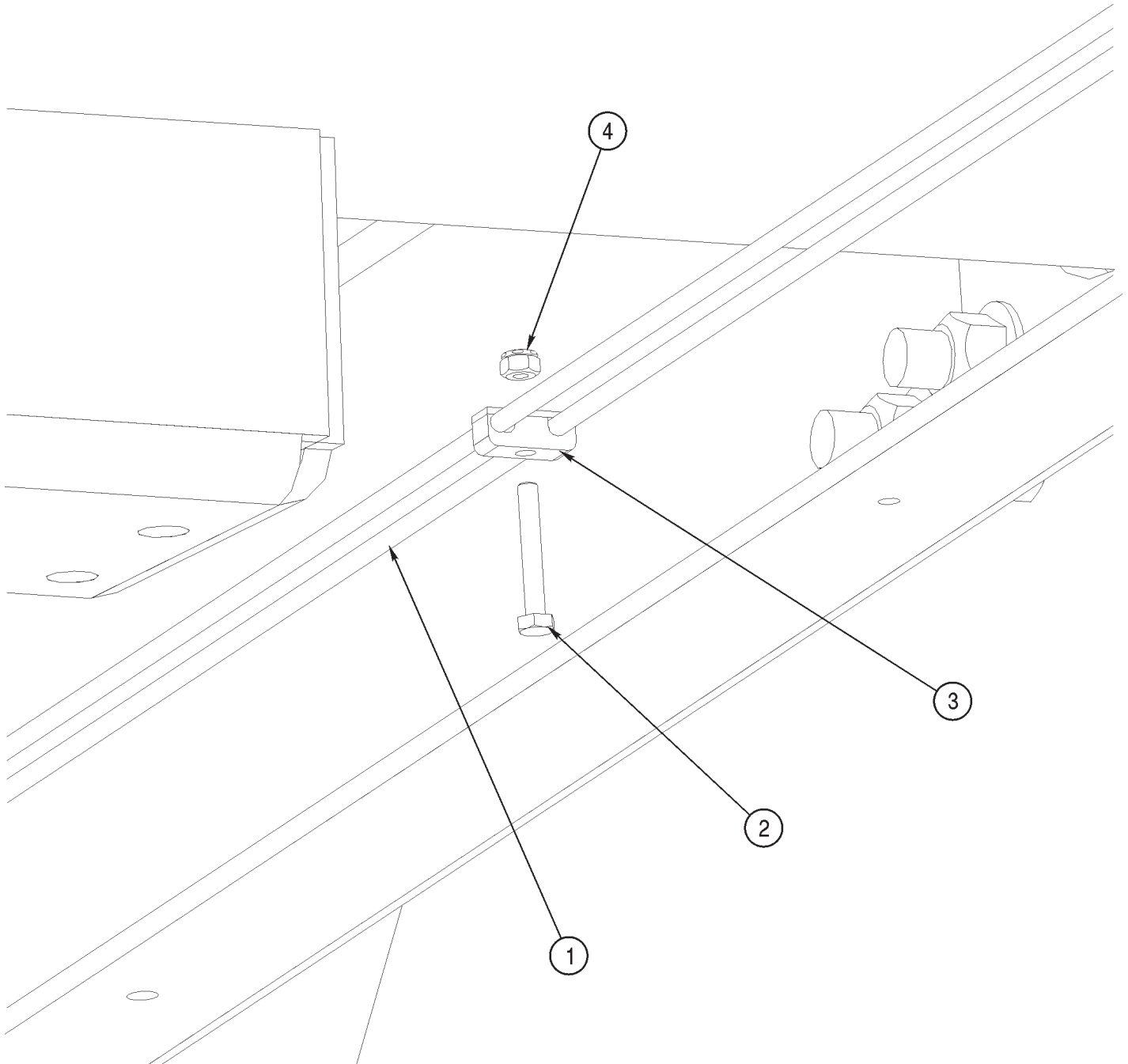
All Models



Item	Part Number	Qty	Description	Comments
1	880000015	1	Tank, Hydraulic	
2	880000025	1	Indicator, Hydraulic Filter Housing	
3	800404228	1	Fitting, 1/8 NPTF-M 45 Deg Elbow	
4	880000024	1	Assembly, Filter Housing, Hydraulic	Replacement filter 880000026
5	800302419	1	Fitting, 16 FLM x 16 ORM 90 ID	
6	880000018	1	Tube, Filter Suction	
7	880000019	1	Tube, Filter Suction	
8	901101201	1	Nut, Spin Lock 3/8-16 G5	
9	900002815	2	Bolt, HHCS 3/8-16 x 1" G5 ZP	
10	902003195	5	Washer, Flat 5/16" G5	
11	880000037	1	Adapter Plate, RKM Filter	
12	880000027	1	Gasket, RKM Adapter	
13	900002835	1	Bolt, HHCS 3/8-16 x 1 1/2 G5 ZP	
14	800000021	2	Union, JIC 1" 90 Elbow 16 ETX-S	
15	900002835	3	Bolt, HHCS 3/8-16 x 1 1/2 G5 ZP	
16	800000015	1	Union, JIC 1 1/4" 90 20FLM x 20FLM	
17	880000017	1	Tube, Filter Return	
18	800404270	1	Fitting, 20 FLM x 20 ORM 90 Deg	
19	840000109	1	Cap, Breather	
20	880000022	1	Extension, Hydraulic Fill	
21	900002512	6	Capscrew, Buttonhead 10-32 x 3/4"	
22	840000107	1	Plate, Adapter ELF 30	
23	840000108	1	Gasket, ELF3/30	
24	840000106	1	Strainer Basket ELF3/30	
25	880000031	1	Gasket, Hydraulic Fill Neck 1/4"	
26	880000023	1	Sight Glass, Hydraulic Tank	
27	700020113	1	Switch, Temp N.O. 200F 1/2 NPT	
28	915002802	3	Band, Insulated 1 1/4"	
29	902201085	3	Washer, Lock 1/4" ZP	
30	902003035	3	Washer, Flat 1/4" ZP	
31	900002395	4	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
32	800000641	1	Plug, 1" Hollow Hex O-ring	
33	800404265	2	Fitting, 16 FLM x 16 ORM	
34	840000010	1	Suction Strainer 1 7/8 - 1	
35	880000020	1	Strap, Hydraulic Tank	
36	902003035	4	Washer, Flat 1/4" ZP	
37	902201085	4	Washer, Lock 1/4" ZP	
38	900002395	4	Bolt, HHCS 1/4-20 x 3/4" G5 ZP	
39	880000029	1	Treadplate, Hydraulic Tank	
	880000030	1	Insert, Hydraulic Tank	Not Shown
	K65000209		Kit, Hydraulic Filter w/o Oil	
	K65000210		Kit, Hydraulic Filter with Oil	
	A00000096	1	Kit, Fitting Hydraulic Tank	

Brake Line Clamps

All Models



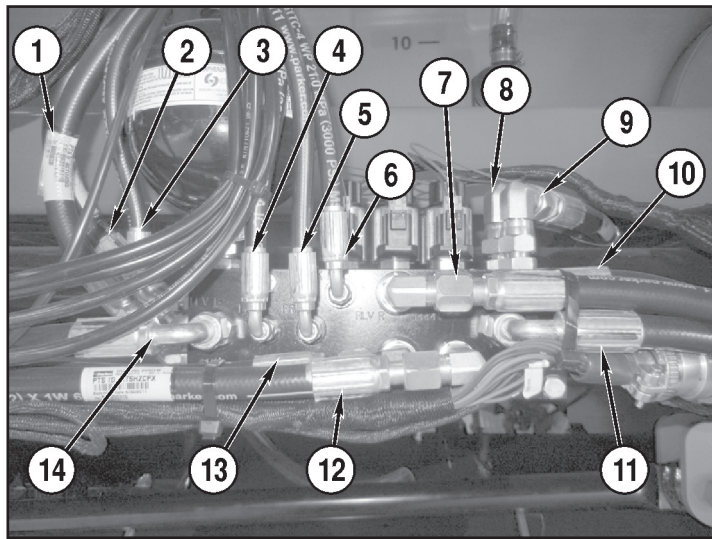
Item	Part Number	Qty	Description	Comments
1	825000125	2	Tube, Hydraulic Brake Line	
2	900002406	3	Bolt, HHCS 1/4-20 x 1 1/4" G5	
3	915002000	3	Clamp, Stauff	
4	901003000	3	Nut, Nylock 1/4" ZP	
	800200292	1	Hose, L/H Differential to Steel Brake Line	
	800200291	1	Hose, R/H Differential to Steel Brake Line	
	825000400	A/R	Ferrule, 1/4" Brake Line	
	700020101	1	Switch, Brake Pressure	Not shown
	800404226	1	Fitting, 8 ORB X 1/8 NPTF	Not shown

Hoses and Fittings

Hydraulic

Hoses

1. **Suspension Block BM P to Boom Block TT T**
All Models - Part Number 800200338
1/2 Female JIC
1/2 Female JIC 90
73" 451TC
2. **Suspension Block BM T to Boom Block Sus T**
All Models - Part Number 800200339
5/8 Female JIC
5/8 Female JIC 90
73" 451TC
3. **Left Rack Cylinder Bore to Suspension Block LRK B**
All Models - Part Number 800200337
3/8 Female JIC
1/4 Female JIC 90
50" 451TC
4. **Left Rack Cylinder Rod to Suspension Block LRK R**
All Models - Part Number 800200337
3/8 Female JIC
1/4 Female JIC 90
50" 451TC
5. **Right Rack Cylinder Bore to Suspension Block RRK B**
All Models - Part Number 800200337
3/8 Female JIC
1/4 Female JIC 90
50" 451TC
6. **Right Rack Cylinder Rod to Suspension Block RRK R**
All Models - Part Number 800200337
3/8 Female JIC
1/4 Female JIC 90
50" 451TC
7. **Right Leveling Cylinder Rod to Suspension Manifold RLV R**
All Models - Part Number 800200319
1/2 Female JIC 90
1/2 Female JIC
66" 451TC
8. **Junction Manifold Suspension T to Suspension Manifold Junction T**
All Models - Part Number 800200317
3/4 Female JIC 90
3/4 Female JIC
138" 451TC
9. **Junction Manifold Suspension P to Suspension Manifold Junction P**
All Models - Part Number 800200316
5/8 Female JIC 90
5/8 Female JIC
143" 451TC
10. **Right Ram Cylinder to Suspension Manifold RRM P**
All Models - Part Number 800200320
1/2 Female JIC 90
1/2 Female JIC
51" 451TC
11. **Right leveling Cylinder Bore to Suspension Manifold RLV B**
All Models - Part Number 800200318
3/8 Female JIC
1/2 Female JIC 90
75" 451TC



12. Left leveling Cylinder Rod to Suspension

Manifold LLV R

All Models - Part Number 800200319

1/2 Female JIC 90

1/2 Female JIC

66" 451TC

13. Left Ram Cylinder to Suspension Manifold LRM P

All Models - Part Number 800200320

1/2 Female JIC 90

1/2 Female JIC

51" 451TC

14. Left leveling Cylinder Bore to Suspension

Manifold LLV B

All Models - Part Number 800200318

3/8 Female JIC

1/2 Female JIC 90

75" 451TC

15. AOG rear P to Suspension Manifold AOG P

AOG Option Only - Part Number 800200307

3/8 Female JIC 90

3/8 Female JIC

19" 451TC

16. AOG rear T to Suspension Manifold AOG T

AOG Option Only - Part Number 800200307

3/8 Female JIC 90

3/8 Female JIC

19" 451TC

17. Left Ram Cylinder to Suspension Manifold LRM P

All Models - Part Number 800200320

1/2 Female JIC 90

1/2 Female JIC

51" 451TC

18. Fan Motor Case Drain to Junction Manifold CD

All Models - Part Number 800200314

1/4 Female JIC

3/8 Female JIC 90

112" 451TC

19. Junction Manifold Suspension T to Suspension Manifold Junction T

All Models - Part Number 800200317

3/4 Female JIC 90

3/4 Female JIC

138" 451TC

20. Junction Manifold Suspension P to Suspension Manifold Junction P

All Models - Part Number 800200316

5/8 Female JIC 90

5/8 Female JIC

143" 451TC

21. Product pump Return to Junction Manifold PRP T

All Models - Part Number 800200324

5/8 Female JIC

5/8 Female JIC 90

93" 451TC

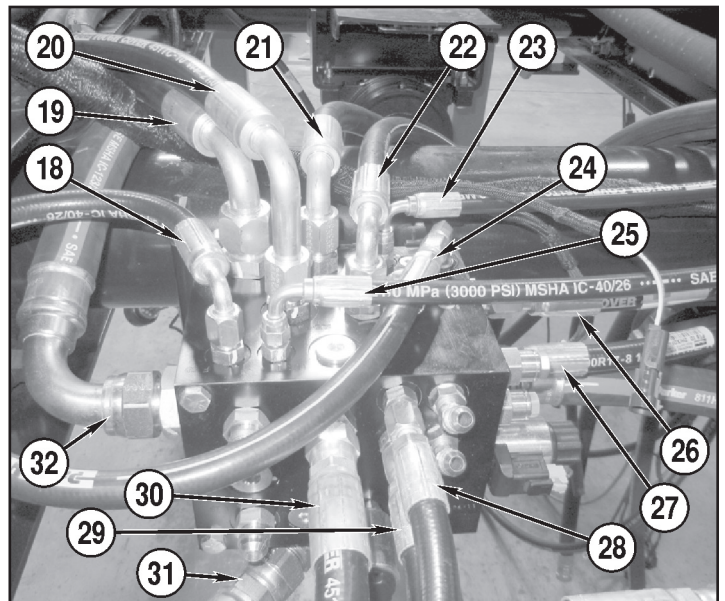
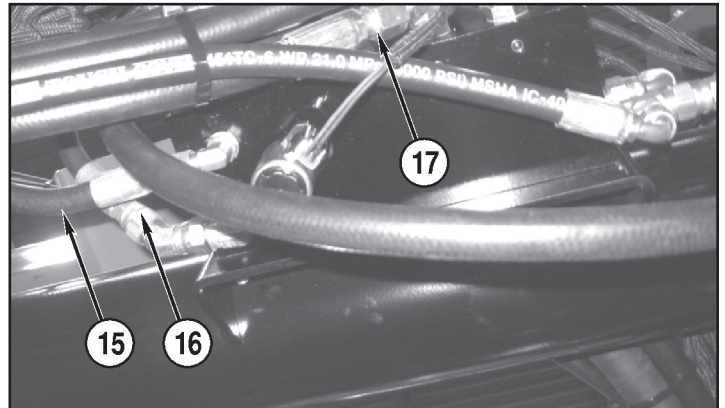
22. Product pump Pressure to Junction Manifold PRP P

All Models - Part Number 800200323

1/2 Female JIC

1/2 Female JIC 90

93" 451TC



- 23. Ladder Cylinder Bore to Junction Manifold LDR P**
All Models - Part Number 800200269
 1/4 Female JIC
 1/4 Female JIC 90
 83" 451TC
- 24. Junction Manifold PB P to Ausco Inline Brake**
AS1020 and AS1220 - Part Number 800200342
 3/8 Female JIC
 1/2 Female JIC
 85" 451TC
- 25. Ladder Cylinder Rod to Junction Manifold LDR T**
All Models - Part Number 800200271
 1/4 Female JIC
 1/4 Female JIC 90
 93" 451TC
- 26. Right Brake Accumulator to Junction Manifold RB AC**
All Models - Part Number 800200326
 1/2 Female JIC 90
 1/2 Female JIC
 21" 451TC
- 27. Left Brake Accumulator to Junction Manifold LB AC**
All Models - Part Number 800200326
 1/2 Female JIC 90
 1/2 Female JIC
 21" 451TC
- 28. Right Steering Hose**
All Models - Part Number 800200277
 3/8 Female JIC
 3/8 Female JIC
 132" 451TC
- 29. Left Steering Hose**
All Models - Part Number 800200276
 3/8 Female JIC
 3/8 Female JIC
 125" 451TC
- 30. Pump Case drain to Junction Manifold P1 CD**
All Models - Part Number 800200313
 5/8 Female JIC 90
 5/8 Female JIC
 30" 451TC
- 31. Hydraulic Silencer to Junction Manifold P1 P, ZF**
AS1020 and AS1220 - Part Number 800200315
 1" Female JIC 90
 1" Female JIC
 18.5" 451TC
- Hydraulic Silencer to Junction Manifold P1 P, ITL**
AS720 - Part Number 800200345
 1" Female JIC 90
 1" Female JIC
 14" 451TC
- 32. Hydraulic Tank Right to Junction Manifold**
All Models - Part Number 800200321
 11" Female JIC
 1" Female JIC 90
 60" 811HT

33. Steering Motor return (top left) to Junction Manifold ST T

All Models - Part Number 800200322

1/2 Female JIC 90 LD

1/2 Female JIC

33" 451TC

34. Brake valve return to Junction Manifold SB T

All Models - Part Number 800200283

1/2 Female JIC 90 LD

1/2 Female JIC

26" 451TC

35. Pump Case drain to Junction Manifold P1 CD

All Models - Part Number 800200313

5/8 Female JIC 90

5/8 Female JIC

30" 451TC

36. Right Steering Hose

All Models - Part Number 800200277

3/8 Female JIC

3/8 Female JIC

132" 451TC

37. Left Steering Hose

All Models - Part Number 800200276

3/8 Female JIC

3/8 Female JIC

125" 451TC

38. Steering Motor Pressure (top right) to Junction Manifold LST P

All Models - Part Number 800200334

1/2 Female JIC 90

3/8 Female JIC

15" 451TC

39. Steering Motor Pressure (bottom right) to Junction Manifold RST P

All Models - Part Number 800200335

1/2 Female JIC 90

3/8 Female JIC

12" 451TC

40. Left Brake Accumulator to Junction Manifold LB AC

All Models - Part Number 800200326

1/2 Female JIC 90

1/2 Female JIC

21" 451TC

41. Right Brake Accumulator to Junction Manifold RB AC

All Models - Part Number 800200326

1/2 Female JIC 90

1/2 Female JIC

21" 451TC

42. Junction Manifold CLR T to Fan Manifold JUN T

All Models - Part Number 800200328

1" Female JIC

1" Female JIC

98" 811HT

43. Brake Valve Left Pressure to Junction Manifold LBK P

All Models - Part Number 800200336

3/8 Female JIC

3/8 Female JIC 90

33" 451TC

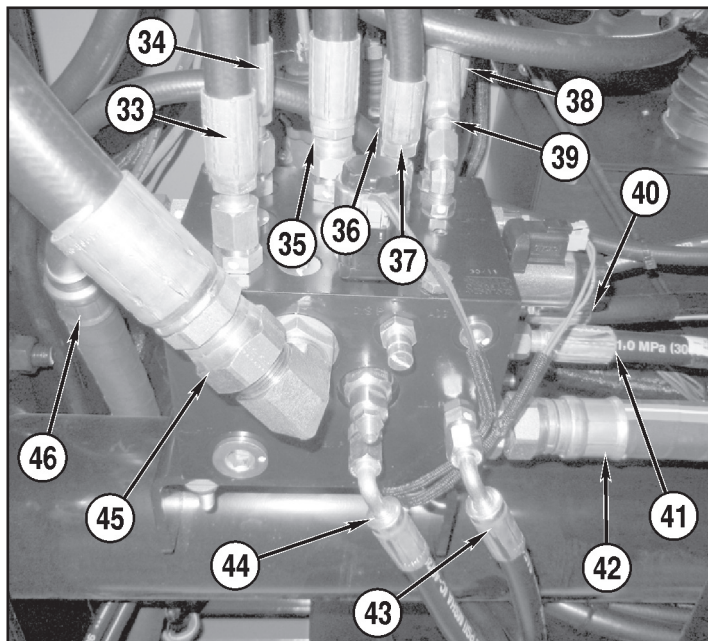
44. Brake Valve Right Pressure to Junction Manifold RBK P

All Models - Part Number 800200336

3/8 Female JIC

3/8 Female JIC 90

33" 451TC



**45. Hydraulic Silencer to Junction Manifold P1 P, ZF
AS1020 and AS1220 Only - Part Number 800200315**

1" Female JIC 90
1" Female JIC
18.5" 451TC

**46. Hydraulic Tank right to Junction Manifold
All Models - Part Number 800200321**

1" Female JIC
1" Female JIC 90
60" 811HT

**47. Rear Gear Pump Suction to Hydraulic Tank Bottom
All Models - Part Number 800200265**

1" Female JIC
1" Female JIC
62" 811HT

**48. Front Gear Pump Suction to Hydraulic Tank Filter Right
All Models - Part Number 800200267**

1" Female JIC
1" Female JIC
81.5" 811HT

**49. Piston Pump Suction to Hydraulic Tank Filter Middle
All Models - Part Number 800200268**

1" Female JIC
1" Female JIC
87" 811HT

**50. Hydraulic Silencer to Junction Manifold P1 P, ZF
AS1020 and AS1220 Only - Part Number 800200315**

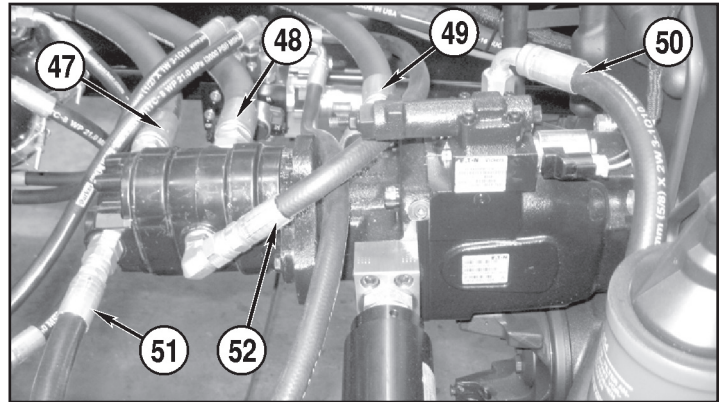
1" Female JIC 90
1" Female JIC
18.5" 451TC

**51. Rear Gear Pump Pressure to Fan Manifold P3
All Models - Part Number 800200325**

35/8 Female JIC
5/8 Female JIC
97" 451TC

**52. Steering Motor Pressure (bottom left) to Front Gear Pump Pressure
All Models - Part Number 800200333**

1/2 Female JIC 90
5/8 Female JIC
75" 451TC



**53. Right Leveling Cylinder Rod to Suspension
Manifold RLV R**

All Models - Part Number 800200319

1/2 Female JIC 90

1/2 Female JIC

66" 451TC

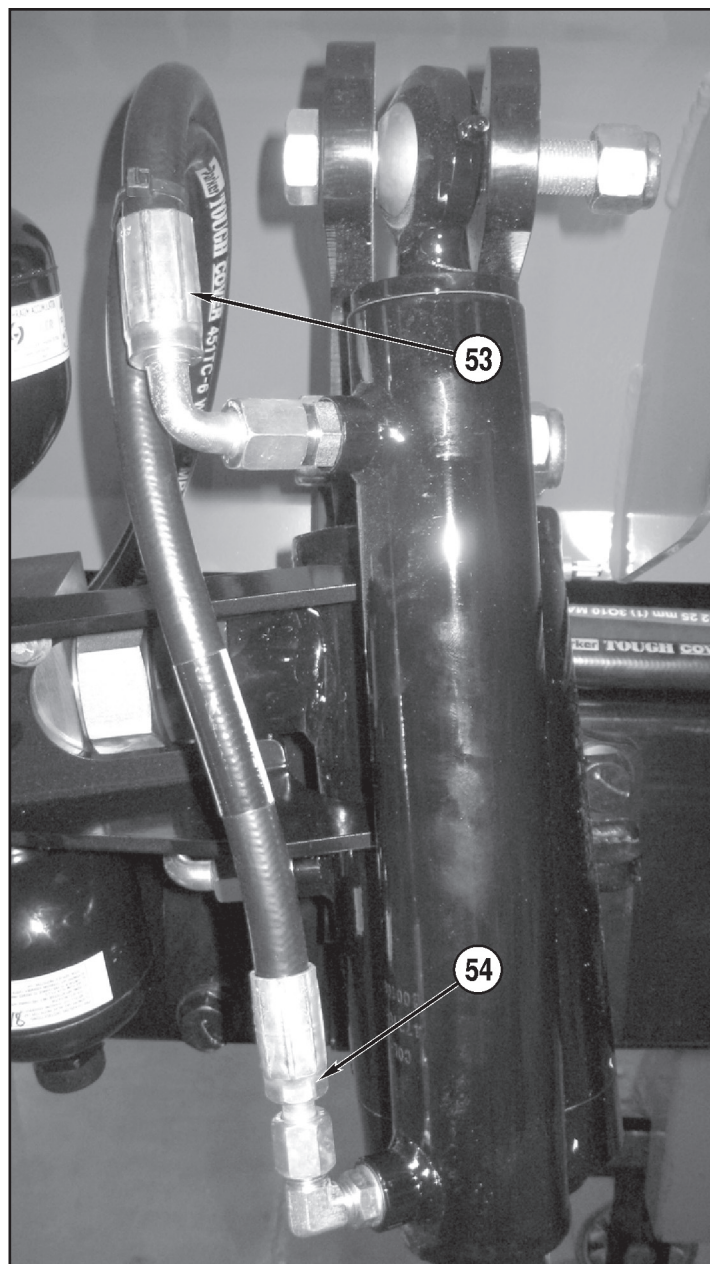
**54. Right Leveling Cylinder Bore to Suspension
Manifold RLV B**

All Models - Part Number 800200318

3/8 Female JIC

1/2 Female JIC 90

75" 451TC



55. Left Cylinder Rod to Right Cylinder Rod

All Models - Part Number 800200273

3/8 Female JIC

3/8 Female JIC

170.5" 451TC

Left Cylinder Bore to Junction Manifold RCL B (Not Shown)

All Models - Part Number 800200274

3/8 Female JIC

3/8 Female JIC

189.5" 451TC

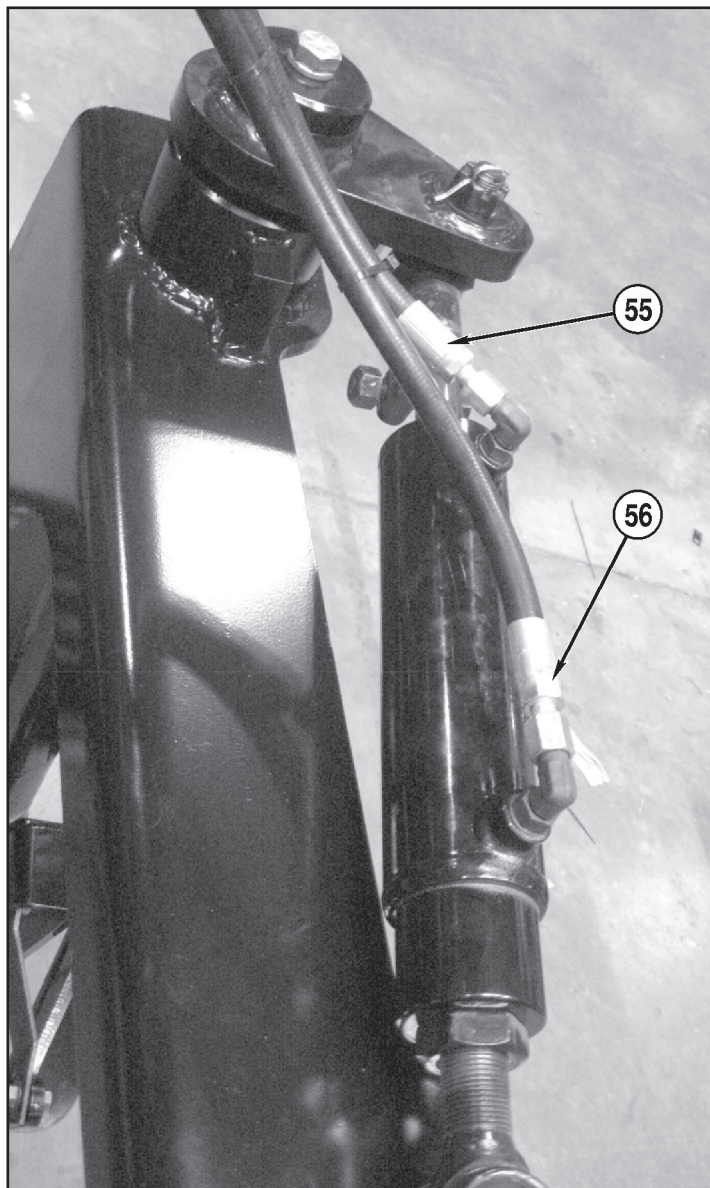
56. Right Cylinder Bore to Junction Manifold LCL B

All Models - Part Number 800200275

3/8 Female JIC

3/8 Female JIC

173.5" 451TC



57. Left Steering Hose

All Models - Part Number 800200276

3/8 Female JIC

3/8 Female JIC

125" 451TC

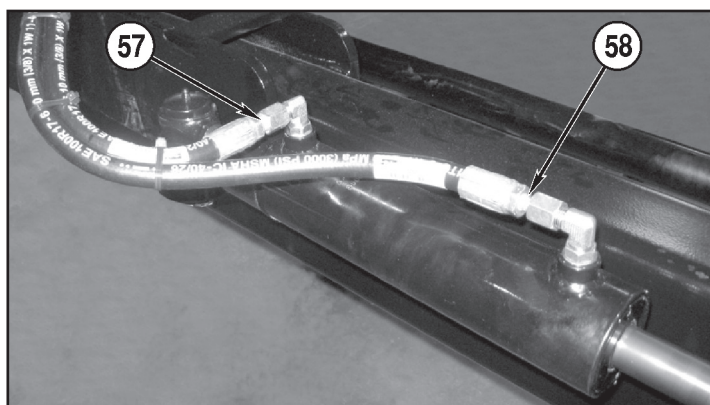
58. Right Steering Hose

All Models - Part Number 800200277

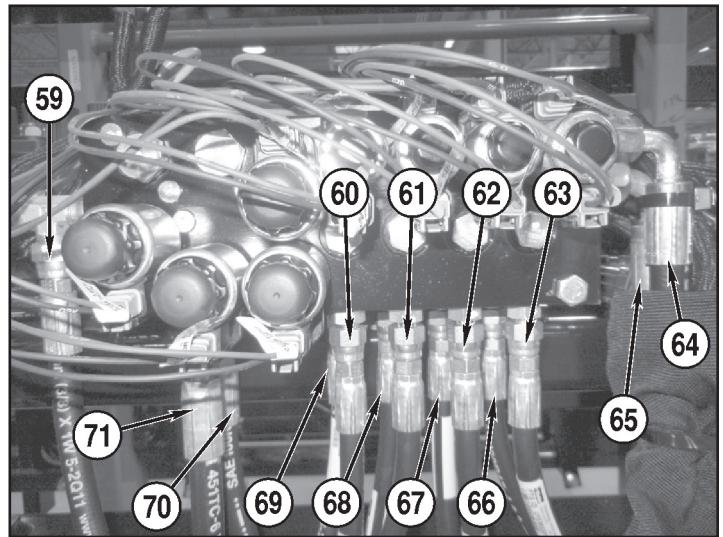
3/8 Female JIC

3/8 Female JIC

132" 451TC



- 59. Left Tilt Cylinder Bore to Boom Block TT T**
All Models - Part Number 800200340
 3/8 Female JIC
 1/2 Female JIC
 145" 451TC
- Right Tilt Cylinder Bore to Boom Block TT T (Not Shown)**
All Models - Part Number 800200341
 3/8 Female JIC
 1/2 Female JIC 90
 145" 451TC
- 60. Right Fold Cylinder Rod to Boom Block RFD R**
All Models - Part Number 800200301
 3/8 Female JIC
 3/8 Female JIC
 62" 451TC
- 61. Right Tip Cylinder Bore to Boom Block RTP B**
All Models - Part Number 800200300
 3/8 Female JIC
 3/8 Female JIC
 331" 451TC
- 62. Left Fold Cylinder Rod to Boom Block LFD R**
All Models - Part Number 800200301
 3/8 Female JIC
 3/8 Female JIC
 62" 451TC
- 63. Left Tip Cylinder Bore to boom Block LTP B**
All Models - Part Number 800200299
 3/8 Female JIC
 3/8 Female JIC
 336" 451TC
- 64. Suspension Block BM T to Boom Block Sus T**
All Models - Part Number 800200339
 5/8 Female JIC
 5/8 Female JIC 90
 73" 451TC
- 65. Suspension Block BM P to Boom Block TT T**
All Models - Part Number 800200338
 #1/2 Female JIC
 1/2 Female JIC 90
 73" 451TC
- 66. Left Tip Cylinder Rod to Boom Block LTP R**
All Models - Part Number 800200297
 3/8 Female JIC
 3/8 Female JIC
 353" 451TC
- 67. Left Fold Cylinder Bore to Boom Block LFD B**
All Models - Part Number 800200302
 3/8 Female JIC
 3/8 Female JIC
 52" 451TC
- 68. Right tip Cylinder Rod to Boom Block RTP R**
All Models - Part Number 800200298
 3/8 Female JIC
 3/8 Female JIC
 348" 451TC
- 69. Right Fold Cylinder Bore to Boom Block RFD B**
All Models - Part Number 800200302
 3/8 Female JIC
 3/8 Female JIC
 52" 451TC



70. Right Tilt Accumulator to Boom Block RTT P

All Models - Part Number 800200344

1/2 Female JIC
3/8 Female JIC
126" 451TC

71. Left Tilt Accumulator to Boom Block LTT P

All Models - Part Number 800200344

1/2 Female JIC
3/8 Female JIC
126" 451TC

72. Differential Brake Left to Left Steel Brake Line

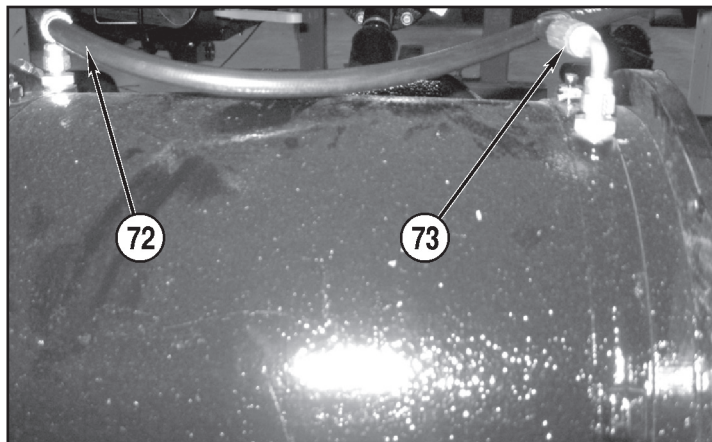
All Models - Part Number 800200292

1/4 Female JIC
1/4 Comp
33.5" 451TC

73. Differential Brake Right to Right Steel Brake Line

All Models - Part Number 800200291

1/4 Female JIC
1/4 Comp
33.5" 451TC



74. A/C Evaporator to Compressor

All Models - Part Number 420110013

#6 A/C Hose

75. A/C Drier to Evaporator

All Models - Part Number 420110012

#10 A/C Hose

76. A/C Compressor to Condenser

All Models - Part Number 420110010

#8 A/C Hose

77. A/C Condenser to Drier

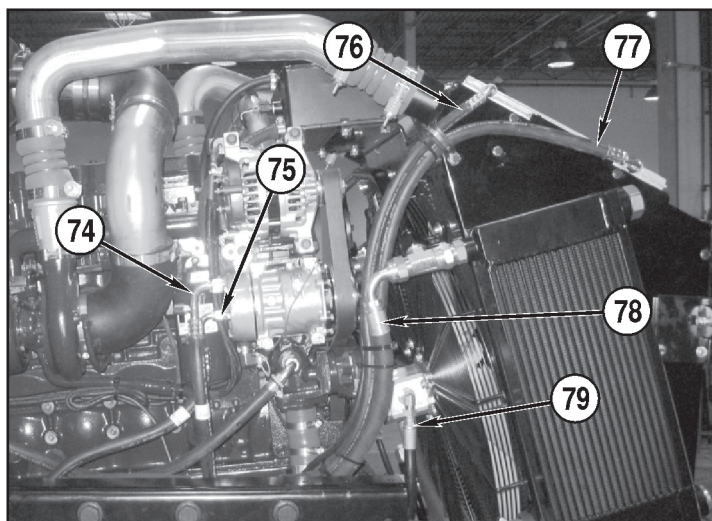
All Models - Part Number 420110011

#6 A/C Hose

78. Transmission Cooler Top to Transmission Top

All Models - Part Number 800200226

1" Female JIC
1" Female JIC 90 LD
79" 100R4



79. Fan Motor Case Drain to Junction Manifold CD

All Models - Part Number 800200314

1/4 Female JIC
3/8 Female JIC 90
112" 451TC

80. Fan In (Right Side) to Fan manifold FN P

All Models - Part Number 800200312

5/8 Female JIC

5/8 Female JIC 45

45" 451TC

81. Fan Out (Left Side) to Fan Manifold FN T

All Models - Part Number 80020011



3/4 Female JIC

3/4 Female JIC 90

13.5" 451TC

82. Rear Gear Pump Pressure to Fan Manifold P3

All Models - Part Number 800200325

5/8 Female JIC

5/8 Female JIC

97" 451TC

83. Hydraulic Tank Filter Left to Fan Manifold FLT

All Models - Part Number 800200327

1 1/4" Female JIC

1 1/4" Female JIC

147" 811HT

84. Cooler Out (Left) to Fan Manifold CL Out

All Models - Part Number 800200322

1" Female JIC

1" Female JIC

12.5" 811HT

85. Cooler In (Right) to Fan Manifold CL IN

All Models - Part Number 800200310

1" Female JIC 90

1" Female JIC

27" 811HT

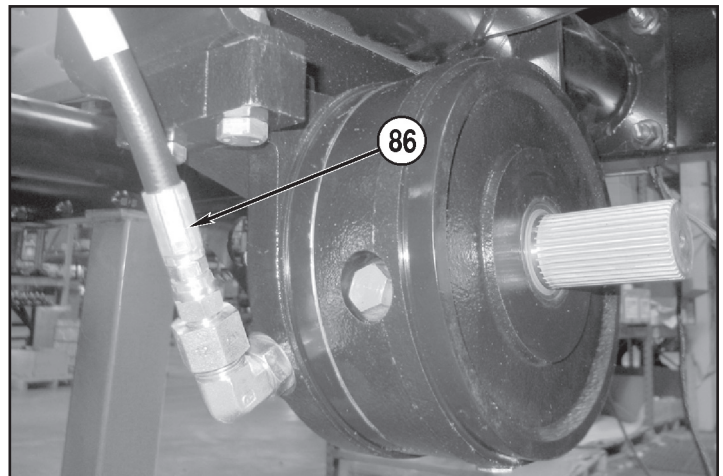
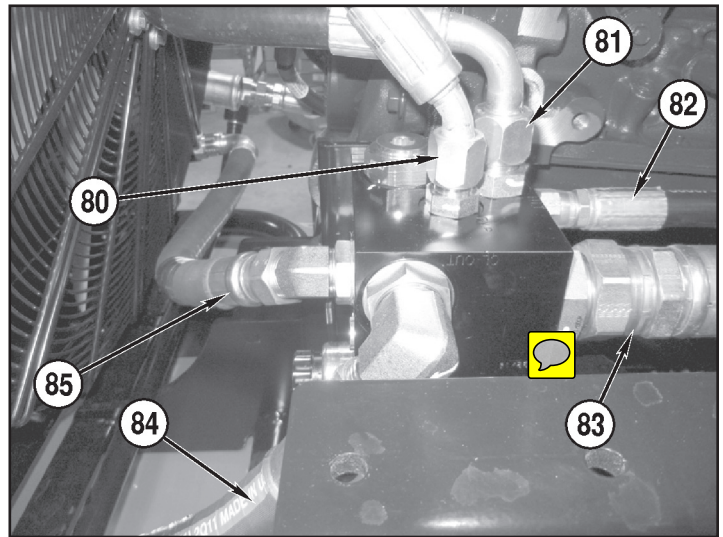
86. Junction Manifold PB P to Ausco Inline

AS1020 and AS1220 Only - Part Number 800200342

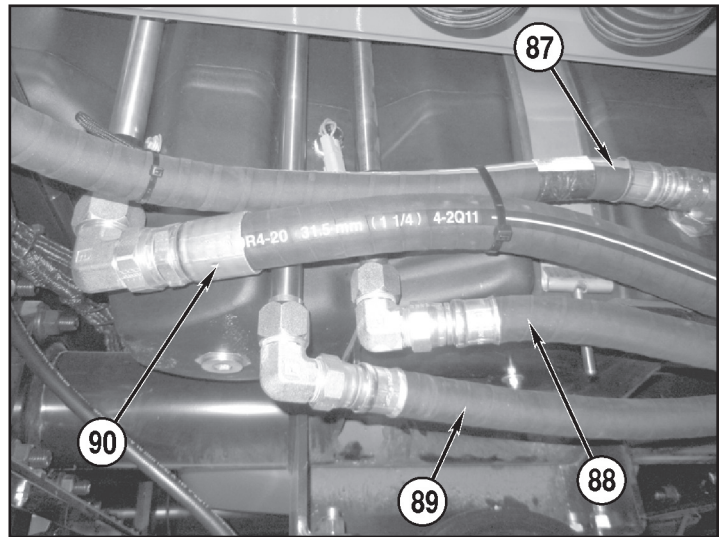
3/8 Female JIC

1/2 Female JIC

85" 451TC



- 87. Hydraulic Tank Right to Junction Manifold**
All Models - Part Number 800200321
1" Female JIC
1" Female JIC 90
60" 811HT
- 88. Front Gear Pump Suction to Hydraulic Tank Filter Right**
All Models - Part Number 800200267
1" Female JIC
1" Female JIC
81.5" 811HT
- 89. Piston Pump Suction to Hydraulic Tank Filter Middle**
All Models - Part Number 800200268
1" Female JIC
1" Female JIC
87" 811HT
- 90. Hydraulic Tank Filter Left to Fan Manifold FLT**
All Models - Part Number 800200327
1 1/4" Female JIC
1 1/4" Female JIC
147" 811HT



Non-Hydraulic

Hoses and Fittings AS720 and AS1020

Part Number	Qty	Description	Comments, Where Used
RM800675	3 feet	Hose 3/4 Heater CHK 70133	
RM800325	8 feet	Fuel Line 3/8" H177	Cummins Engine
RM800500	6 feet	Fuel Line 1/2"	Cummins Engine
RM800650	21 feet	Hose Heater Black H168	Cummins Engine
420110013	1	Hose, A/C Evaporator to Compressor	A/C
420110012	1	Hose, A/C Drier to Evaporator	A/C
420110010	1	Hose, A/C Compressor to Cond Cummins	A/C, 420120001 Switch A/C Pressure Binary
420110011	1	Hose, A/C Cond to Drier Cummins	A/C
201199098	8 inch	Hose, 2" Silicone Hose for Charge Air	Cooling Package
201200007	4	Coupler, Nomex 3" ID 6" Long	Cooling Package
520400104	8 inch	Hose Coupling 1.75"	Cooling Package
RM800100	4 feet	Fuel Line, 1/4" H175	Cooling Package
RM800850	4 feet	Hose, 1" Rubber AG300	Rinse Tank
RM801050	5 feet	Hose, 2" AG Suction EPDM 3	Rinse Tank
RM800950	16 feet	Hose, 1 1/2" AG Suction EPDM 3	Poly Product Tank
RM801050	8 feet	Hose, 2" AG Suction EPDM 3	Poly Product Tank
RM801075	4 feet	Hose, 3" AG Suction EPDM 3	Poly Product Tank Quick Flow
RM800950	16 feet	Hose, 1 1/2" AG Suction EPDM 3	Poly Product Tank Quick Flow
RM801050	8 feet	Hose, 2" AG Suction EPDM 3	Poly Product Tank Quick Flow
RM800850	16 feet	Hose, 1" Rubber AG300	Stainless Product Tank
RM800950	16 feet	Hose, 1 1/2" AG Suction EPDM 3	Stainless Product Tank
RM801050	4 feet	Hose, 2" AG Suction EPDM 3	Stainless Product Tank
RM800850	16 feet	Hose, 1" Rubber AG300	Stainless Product Tank Quick Flow
RM801050	16 feet	Hose, 2" AG Suction EPDM 3	Stainless Product Tank Quick Flow
RM801075	2 feet	Hose, 3" AG Suction EPDM 3	Stainless Product Tank Quick Flow
RM800150	25 feet	Hose, Air Line NT 10004BK	Product Pump
RM800850	15 feet	Hose, 1" Rubber AG300	Product Pump
RM801050	2 feet	Hose, 2" AG Suction EPDM 3	Product Pump
RM800150	25 feet	Hose, Air Line NT 10004BK	Product Pump Quick Flow
RM800850	15 feet	Hose, 1" Rubber AG300	Product Pump Quick Flow
RM801075	2 feet	Hose, 3" AG Suction EPDM 3	Product Pump Quick Flow
RM800876	21 feet	Hose, 1 1/2" Flat Inductor	Inductor
RM800850	30 feet	Hose, 1" Rubber AG300	Roto-Flush
RM800850	20 feet	Hose, 1" Rubber AG300	Extra Rinse Tank
RM800150	30 feet	Hose, Air Line NT 10004BK	Pressure Gages on Right Side of Cab
RM800850	55 feet	Hose, 1" Rubber AG300	Wet System
RM800601	84 feet	Hose, 1/2" Push Lock	Fence Row Nozzle
RM800850	6 feet	Hose, 1" Rubber AG300	Fence Row Nozzle
RM800160	400 feet	Hose, 1/4" Clear Vinyl	Foam Marker, Smucker

Hoses and Fittings AS1220

Part Number	Qty	Description	Comments, Where Used
RM800675	3 feet	Hose 3/4 Heater CHK 70133	
RM800325	8 feet	Fuel Line 3/8" H177	Cummins Engine
RM800500	6 feet	Fuel Line 1/2"	Cummins Engine
RM800650	21 feet	Hose Heater Black H168	Cummins Engine
420110013	1	Hose, A/C Evaporator to Compressor	A/C
420110012	1	Hose, A/C Drier to Evaporator	A/C
420110010	1	Hose, A/C Compressor to Cond Cummins	A/C, 420120001 Switch A/C Pressure Binary
420110011	1	Hose, A/C Cond to Drier Cummins	A/C
201199098	8 inch	Hose, 2" Silicone Hose for Charge Air	Cooling Package
201200007	4	Coupler, Nomex 3" ID 6" Long	Cooling Package
520400104	8 inch	Hose Coupling 1.75"	Cooling Package
RM800100	4 feet	Fuel Line, 1/4" H175	Cooling Package
RM800850	4 feet	Hose, 1" Rubber AG300	Rinse Tank
RM801050	5 feet	Hose, 2" AG Suction EPDM 3	Rinse Tank
RM800850	16 feet	Hose, 1" Rubber AG300	Stainless Product Tank Quick Flow
RM801050	16 feet	Hose, 2" AG Suction EPDM 3	Stainless Product Tank Quick Flow
RM801075	4 feet	Hose, 3" AG Suction EPDM 3	Stainless Product Tank Quick Flow
RM800150	25 feet	Hose, Air Line NT 10004BK	Product Pump
RM800850	15 feet	Hose, 1" Rubber AG300	Product Pump
RM801050	2 feet	Hose, 2" AG Suction EPDM 3	Product Pump
RM800150	25 feet	Hose, Air Line NT 10004BK	Product Pump Quick Flow
RM800850	15 feet	Hose, 1" Rubber AG300	Product Pump Quick Flow
RM801075	2 feet	Hose, 3" AG Suction EPDM 3	Product Pump Quick Flow
RM800876	21 feet	Hose, 1 1/2" Flat Inductor	Inductor
RM800850	30 feet	Hose, 1" Rubber AG300	Roto-Flush
RM800850	20 feet	Hose, 1" Rubber AG300	Extra Rinse Tank
RM800150	30 feet	Hose, Air Line NT 10004BK	Pressure Gages on Right Side of Cab
RM800850	55 feet	Hose, 1" Rubber AG300	Wet System
RM800601	84 feet	Hose, 1/2" Push Lock	Fence Row Nozzle
RM800850	6 feet	Hose, 1" Rubber AG300	Fence Row Nozzle
RM800160	400 feet	Hose, 1/4" Clear Vinyl	Foam Marker, Smucker

Fittings

Danfoss Steering Unit Kit (BOM A000000042)

ETI Part Number	Manufacture Part Number	Description	Qty	Comments, Where Used
860000005	OSPC 125 ON 150N2234	Steering Unit, Danfoss	1	
800302445	6400-O-08-08	Fitting 8 FLM x 8 ORM	4	

Main Fitting Kit (BOM A000000090)

ETI Part Number	Manufacture Part Number	Description	Qty	Comments, Where Used
800405000	8-6 F50X-S	Fitting, 8 FLM x 6 ORM	4	Suspension Cylinder
800302410	16 F5OX-S	Fitting, 16 FLM x 16 ORB	2	Cooler
800302133	16-12 F5OX-S	Fitting, 16 FLM x 12 ORB	4	Cooler Cross
800302134	16 C6X-S	Fitting, 16 FLF x 16 FLM 90	2	Cooler Cross
800501120	16 R6X-S	Fitting, 16 FLM x 16 FLF x 16 FLM Run Tee	1	Cooler
800302497	12-10 F5OX-S	Fitting, 12 FLM x 10 ORB	1	Fan Motor Return
800302242	10 F5OX-S	Fitting, 10 FLM x 10 ORB	1	Fan Motor Pressure
800302240	4 C5OX-S	Fitting, 4 FLM x 4 ORB 90	1	Fan Motor Case Drain
800302190	24 F5OHAO-S	Fitting, Union 24 ORB x 24 ORB	2	Suspension Cylinder Block
800302136	20-24 F5OG5-S	Fitting, 20 M-ORB x 24 ORB	2	Suspension Cylinder Block
800302137	2202P-4-4	Fitting, Brass 90 Street Elbow 1/4 Pipe	1	ADD
800302498		Fitting, 4 PM x 6 HB 1/8" Orifice	1	Radiator Fill
800403625	12 C6X-S	Fitting, 12 FLF x 12 FLM 90	1	Suspension Block Return
800404215	6 C5OX-S	Fitting, 6 FLM x 6 ORB 90	2	Sway Cylinder Return
800302425	10 C6X-S	Fitting, 10 FLF x 10 FLM 90	1	Suspension Block Pressure
800302445	8 F5OX-S	Fitting, 8 FLM x 8 ORM	2	Brake Accumulator

Adjust On the Go (AOG) Fitting Kit (BOM A000000088)

ETI Part Number	Manufacture Part Number	Description	Qty	Comments, Where Used
800302193	6 CC5OX-S	Fitting, 6 FLM x 6 ORB 90 LD	4	
800404215	6 C5OX-S	Fitting, 6 FLM x 6 ORB 90	10	
800303022	6 F5OX-S	Fitting, 6 FLM x 6 ORB	8	
800302496	6 S5OX-S	Fitting, 6 FLM x 6 ORB x 6 FLM Branch Tee	4	
800404219	6801-6 (0.046 Restrictor)	Fitting, 6 FLM x 6 ORB 90 (0.060 Orifice)	2	

AutoSteer Fitting Kit (BOM A000000092)

ETI Part Number	Manufacture Part Number	Description	Qty	Comments, Where Used
800302242	10 F5OX-S	Fitting, 10 FLM x 10 ORB	2	
800302499	10 V5OX-S	Fitting, 10 FLM x 10 ORB 45	2	
800303022	6 F5OX-S	Fitting, 6 FLM x 6 ORB	4	

Hydraulic Tank Fitting Kit (BOM A000000096)

ETI Part Number	Manufacture Part Number	Description	Qty	Comments, Where Used
800000021	16 ETX-S	Fitting, 16 FLM x 16 FLM 90	2	
800000015	20 ETX-S	Fitting, 20 FLM x 20 FLM 90	1	
800000641	16 HP5ON-S	Fitting, 16 ORM Hollow Hex Plug	1	6408-H-16-O
800404265	16 C5OX-S	Fitting, 16 FLM x 16 ORM 90	3	6801-16-16-NWO
800302419	16 CC5OX-S	Fitting, 16 FLM x 16 ORM 90 LD	1	
800404270	20 C5OX-S	Fitting, 20 FLM x 20 ORM 90	1	

Engine Fitting Kit (BOM A000000097)

ETI Part Number	Manufacture Part Number	Description	Qty	Comments, Where Used
800302218	10-8 FTX	Fitting, 10 FLM x 8 PM	1	
800302220	269HB-12-12	Fitting, 12 PM x 12 HB 90	1	
800302221	33982-10-10	Fitting, 10 FLF x 10 HB	2	
800302500	68HB-8-MI12	Fitting, 8 HB x M12 x 1.5 ORM	1	

Eaton Pump Fittings

ETI Part Number	Manufacture Part Number	Description	Qty	Comments, Where Used
800302242	10 F5OX-S	Fitting, 10 FLM x 10 ORM	2	Brennan, 6400-10-10-O
800302410	16 F5OX-S	Fitting, 16 FLM x 16 ORM	2	Brennan, 6400-16-16-O
800404002	16 F5OHAO	Fitting, 16 ORM x 16 ORM	1	Brennan, 3474-16-16-NOW
800450050	5151HK-32	Kit Split FLG 2" Code 61	1	Anchor, 32SFO
800460095	6840-20-32-S (Tompkins)	Fitting, 20 FLM x 32 Code 61	1	Tompkins, 1700-20-32
800302454	20-16 TRTX	Fitting, 20 FLF x 16 FLM	1	Brennan, 2406-20-16
	1174-16-16	Fitting, Block 16 Female or Code 61	1	Anchor, W46-16-16-U
800303119	10-12 F5OX-S	Fitting, 10 FLM x 12 ORM	1	Brennan, W6400-10-12-O

Bulk Fittings

ETI Part Number	Manufacturer Part Number	Description	Qty	Comments, Where Used
800404245	16M33F87OMX-S	Fitting, 16 FLM X M33x2 ORM	2	AS1020/AS1220, ZF Transmission Cooling
800302134	16 C6X-S	Fitting, 16 FLF X 16 FLM 90	1	AS1020/AS1220, ZF Transmission Cooling
800302453	12-8 F4OMX	Fitting, 12 FLM X 8 BSPP	2	AS720, JCB Transmission Cooling, 7002-12-8-BS
800403625	12 C6X-S	Fitting, 12 FLF X 12 FLM 90	1	AS720, JCB Transmission Cooling
800302501	4601-08-08-NWO	Fitting, 8 ORM X 1/2" HB 90	1	All models, Fuel Tank
800303027	4601-06-08-NWO	Fitting, 8 ORM X 3/8" HB 90	1	All models, Fuel Tank
800000641	16 HP5ON-S	Fitting, 16 ORM Hex Head Plug	1	All models, Fuel Tank
800302240	4 C5OX-S	Fitting, 4 FLM X 4 ORM 90	2	All Models, Ladder Cylinder
800302502	8 V5OX-S	Fitting, 8 FLM X 8 ORM 45	1	All modes, Product Pump Pressure
800302503	10-8 V5OX-S	Fitting, 10 FLM X 8 ORM 45	1	All models, Product Pump Return
800302208	8-12 C5OX-S	Fitting, 8 FLM X 12 ORM 90	1	AS1020/AS1220, ZF Brake
800404226	8-1/8 F50G-S	Fitting, 8 ORM X 1/8 PF	1	All models, Mico Brake
800404227	PB0202	Fitting, 1/8 BSPB TO 1/8 NPTF	1	All Models, Hydraulic Tank
800404228	1/8 CD45-S	Fitting, 1/8NPTF-M 45 Deg Elbow	1	All Models, Hydraulic Tank
800501060	8 R6X-S	Fitting, 8 FLF X 8 FLM X 8 FLM	1	All Models, Boom Block
800302410	16 F5OX-S	Fitting, 16 FLM X 16 ORM	1	AS1020/AS1220, Silencer
800302504	16 V5OX-S	Fitting, 16 FLM X 16 ORM 45	1	AS720, Silencer
800302132	8 S5OX-S	Fitting, 8 FLM X 8 FLM X 8 ORM	2	All Models, Boom Accumulator
800302172	4M12F8OMX-S	Fitting, 4 FLM X M12x1.5 ORM	2	All Models, Diff Brake
800404215	6 C5OX-S	Fitting, 6 FLM X 6 ORM 90	2	All Models, Rack Cylinder Bore
800303022	6 F5OX-S	Fitting, 6 FLM X 6 ORM	2	All Models, Rack Cylinder Rod
800302222	68HB-6-M12	Fitting, 6HB X M12 X 1.5 ORM	1	All Models, Engine Fuel Pump
800302168	4 R6X-S	Fitting, 4 FLM X 4 FLM X 4 FLF	2	Inductor Equipped, Inductor Cylinder
800302240	4 C5OX-S	Fitting, 4 FLM X 4 ORM 90	2	Inductor Equipped, Inductor Cylinder

Hoses

Main Hose Kit

(BOM A000000091 / Parker PKT20912)

ETI Part Number	Description	Fitting 1	Fitting 2	Length	Size	Material	Qty
800200265	Rear Gear Pump Suction to Hydraulic Tank Bottom	16FLF (0668-16-16)	16FLF (0668-16-16)	62	16	811HT	1
800200267	Front Gear Pump Suction to Hydraulic Tank Filter Right	16FLF (0668-16-16)	16FLF (0668-16-16)	81.5	16	811HT	1
800200268	Piston Pump Suction to Hydraulic Filter Middle	16FLF (0668-16-16)	16FLF (0668-16-16)	87	16	811HT	1
800200269	Ladder Cylinder Bore to Junction Manifold LDR P	4FLF (10643-4-4)	4FLF 90 (13943-4-4)	83	4	451TC	1
800200271	Ladder Cylinder Rod to Junction Manifold LDR T	4FLF (10643-4-4)	4FLF 90 (13943-4-4)	93	4	451TC	1
800200310	Cooler In (Right) to Fan Manifold CL In	16FLF 90 (3988-16-16)	16FLF (0668-16-16)	27	16	811HT	1
800200311	Fan Out (Left Side) to Fan Manifold FN T	12FLF (10643-12-12)	12FLF 90 (13943-12-12)	13.5	12	451TC	1
800200312	Fan In (Right Side) to Fan Manifold FN P	10FLF (10643-10-10)	10FLF 45 (13743-10-10)	45	10	451TC	1
800200313	Pump Case Drain to Junction Manifold P1 CD	10FLF 90 (13943-10-10)	10FLF (10643-10-10)	30	10	451TC	1
800200314	Fan Motor Case Drain to Junction Manifold F CD	4FLF (10643-4-6)	6FLF 90 (13943-6-6)	112	6	451TC	1
800200316	Junction Manifold SUS P to Suspension Manifold JUN P	10FLF 90 LD (14143-10-10)	10FLF (10643-10-10)	143	10	451TC	1
800200317	Junction Manifold SUS T to Suspension Manifold JUN T	12FLF 90 (13943-12-12)	12FLF (10643-12-12)	138	12	451TC	1
800200318	Left Leveling Cylinder Bore to Suspension Manifold LLV B Right Leveling Cylinder Bore to Suspension manifold RLV B	6FLF (10643-6-8)	8FLF 90 (13943-8-8)	75	8	451TC	2
800200319	Left Leveling Cylinder Rod to Suspension Manifold LLV R Right Leveling Cylinder Rod to Suspension manifold RLV R	8FLF 90 (13943-8-8)	8FLF (10643-8-8)	66	8	451TC	2
800200320	Left Ram Cylinder to Suspension Manifold LRM P Right Ram Cylinder to Suspension manifold RLV R	8FLF 90 (13943-8-8)	8FLF (10643-8-8)	51	8	451TC	2
800200321	Hydraulic Tank Right to Junction Manifold RES T	16FLF (0668-16-16)	16FLF 90 (3988-16-16)	60	16	811HT	1
800200322	Cooler Out (Left) to Fan Manifold CL Out	16FLF (0668-16-16)	16FLF (0668-16-16)	12.5	16	811HT	1
800200323	Product Pump Pressure to Junction Manifold PRP P	8FLF (10643-8-8)	8FLF 90 (13943-8-8)	93	8	451TC	1
800200324	Product Pump Return to Junction Manifold PRP T	10FLF (10643-10-10)	10FLF 90 (13943-10-10)	93	10	451TC	1
800200325	Rear Gear Pump Pressure to Fan Manifold P3	10FLF (10643-10-10)	10FLF (10643-10-10)	97	10	451TC	1
800200326	Left Brake Accumulator to Junction Manifold LB AC Right Brake Accumulator to Junction Manifold RB AC	8FLF 90 (13943-8-8)	8FLF (10643-8-8)	21	8	451TC	2
800200327	Hydraulic Tank Filter Left to Fan Manifold FLT	20FLF (0668-20-20)	20FLF (0668-20-20)	147	20	811HT	1
800200328	Junction manifold CLR to Fan Manifold JUN T	16FLF (0668-16-16)	16FLF (0668-16-16)	98	16	811HT	1

**AOG Hose Kit
(BOM A000000089 / Parker PKT20911)**

ETI Part Number	Description	Fitting 1	Fitting 2	Length	Size	Material	Qty
800200233	AOG LA to Inside Left Front Cylinder	6FLF (10643-6-6)	6FLF (10643-6-6)	10	6	451TC	1
800200234	AOG LB to Outside Left Front Cylinder	6FLF (10643-6-6)	6FLF (10643-6-6)	31	6	451TC	1
800200235	AOG RA to Inside Right Front Cylinder	6FLF (10643-6-6)	6FLF (10643-6-6)	29.5	6	451TC	1
800200236	AOG RB to Outside Right Front Cylinder	6FLF (10643-6-6)	6FLF (10643-6-6)	50	6	451TC	1
800200243	AOG Rear Rod End Crossover	6FLF (10643-6-6)	6FLF 90 (13943-6-6)	16.5	6	451TC	2
800200244	AOG Butt End Crossover	6FLF (10643-6-6)	6FLF 90 (13943-6-6)	22.5	6	451TC	2
800200306	AOG Front P to Junction Manifold AOG P	6FLF 90 (13943-6-6)	6FLF (10643-6-6)	112	6	451TC	1
800200307	AOG Front T to Fan Manifold AOG T AOG Rear P to Suspension Manifold AOG P AOG Rear T to Suspension Manifold AOG T	6FLF 90 (13943-6-6)	6FLF (10643-6-6)	19	6	451TC	3
800200308	AOG LA to Inside Cylinder Rear Left AOG RA to Inside Cylinder Rear Right	6FLF (10643-6-6)	6FLF 90 (13943-6-6)	40	6	451TC	2
800200309	AOG LB to Outside Cylinder Rear Left AOG RB to Outside Cylinder Rear Right	6FLF (10643-6-6)	6FLF (10643-6-6)	56	6	451TC	2

**Adjustable 120-160" Steering Hose Kit
(BOM A000000079 / Parker PKT20536)**

ETI Part Number	Description	Fitting 1	Fitting 2	Length	Size	Material	Qty
800200273	Left Front Cylinder to Right Front Cylinder	6FLF (10643-6-8)	6FLF (10643-6-6)	170.5	6	451TC-6	1
800200274	Left Rear Cylinder to Junction Manifold RHC	6FLF (10643-6-6)	6FLF (10643-6-6)	189.5	6	451TC-6	1
800200275	Right Rear Cylinder to Junction Manifold LHC	6FLF (10643-6-6)	6FLF (10643-6-6)	173.5	6	451TC-6	1

**Fixed 120" Steering Hose Kit
(BOM A000000080 / Parker PKT20537)**

ETI Part Number	Description	Fitting 1	Fitting 2	Length	Size	Material	Qty
800200276	Left Steering Hose	6FLF (10643-6-6)	6FLF (10643-6-6)	125	6	451TC-6	1
800200277	Right Steering Hose	6FLF (10643-6-6)	6FLF (10643-6-6)	132	6	451TC-6	1

AutoSteer Hose Kit
(BOM A000000093 / Parker PKT20913)

ETI Part Number	Description	Fitting 1	Fitting 2	Length	Size	Material	Qty
800200329	AutoSteer Port A to Junction Manifold LCLA B AutoSteer Port B to Junction Manifold RCLA B	6FLF 90 (13943-6-6)	6FLF (10643-6-6)	18	6	451TC-8	2
800200330	AutoSteer Port P to Front Gear Pump Pressure	10FLF (10643-10-10)	10FLF (10643-10-10)	96	10	451TC-8	1
800200331	AutoSteer Port T to Junction Manifold STA T	10FLF (10643-10-10)	10FLF 90 (13943-10-10)	26	10	451TC-8	1

Station 2 Hose Kit
(BOM A000000094 / Parker PKT20914)

ETI Part Number	Description	Fitting 1	Fitting 2	Length	Size	Material	Qty
800200283	Brake Valve Return to Junction Manifold SB T	8FLF 90 LD (14143-8-8)	8FLF (10643-8-8)	26	8	451TC	1
800200291	Brake Valve Left Brake to Left Steel Brake Line Brake Valve Right Brake to Right Steel Brake Line Differential Brake Right to Right Steel Brake Line	4FLF 90 (13943-4-4)	4 COMP (11143-4-4)	25	4	451TC	3
800200292	Differential Brake Left to Left Steel Brake Line	4FLF 90 (13943-4-4)	4 COMP (11143-4-4)	33.5	4	451TC	1
800200332	Steering Motor Return (Top Left) to Junction Manifold ST T	8FLF 90 (13943-8-8)	8FLF (10643-8-8)	33	8	451TC	1
800200333	Steering Motor Pressure (Bottom Left) to Front Gear Pump Pressure	8FLF 90 (13943-8-8)	10FLF (10643-10-8)	76	8	451TC	1
800200334	Steering Motor Left (Top Right) to Junction Manifold LST P	8FLF 90 (13943-8-6)	6FLF (10643-6-6)	15	6	451TC	1
800200335	Steering Motor Right (Bottom Right) to Junction Manifold RST P	8FLF 90 (13943-8-6)	6FLF (10643-6-6)	12	6	451TC	1
800200336	Brake Valve Left Pressure to Junction Manifold LBK P Brake Valve Right Pressure to Junction Manifold RBK P	6FLF (10643-6-6)	6FLF 90 (13943-6-6)	33	6	451TC	2

Boom Hose Kit
(BOM A000000095 / Parker PKT20915)

ETI Part Number	Description	Fitting 1	Fitting 2	Length	Size	Material	Qty
800200344	Left Tilt Accumulator to Boom Block LTT P Right Tilt Accumulator to Boom Block RTT P	8FLF (10643-8-6)	6FLF (10643-6-6)	126	6	451TC	2
800200301	Left Fold Cylinder Rod To Boom Block LFD R Right Fold Cylinder Rod To Boom Block RFD R	6FLF (10643-6-4)	6FLF (10643-6-4)	62	4	451TC	2
800200302	Left Fold Cylinder Bore To Boom Block LFD B Right Fold Cylinder Bore To Boom Block RFD B	6FLF (10643-6-4)	6FLF (10643-6-4)	52	4	451TC	2
800200303	Left Tilt Cylinder Rod To Left Tilt Accumulator Right Tilt Cylinder Rod To Right Tilt Accumulator	8FLF (10643-8-8)	6FLF (10643-6-8)	36	8	451TC	2
800200360	Left Rack Cylinder Rod To Suspension Block LRK R Right Rack Cylinder Rod To Suspension Block RRK R	6FLF (10643-6-4)	4FLF 90 (13943-4-4)	58	4	451TC	2
800200361	Left Rack Cylinder Bore To Suspension Block LRK B Right Rack Cylinder Bore To Suspension Block RRK B	6FLF (10643-6-4)	4FLF 90 (13943-4-4)	74	4	451TC	2
800200338	Suspension Block BM P To Boom Block Suspension P	8FLF (10643-8-8)	8FLF 90 (13943-8-8)	73	8	451TC	1
800200339	Suspension Block BM T To Boom Block Suspension T	10FLF (10643-10-10)	10FLF 90 (13943-10-10)	73	10	451TC	1
800200340	Left Tilt Cylinder Bore To Boom Block TT T	6FLF (10643-6-6)	8FLF (10643-8-6)	145	6	451TC	1
800200341	Right Tilt Cylinder Bore To Boom Block TT T	6FLF (10643-6-6)	8FLF-90 (13943-8-6)	145	6	451TC	1

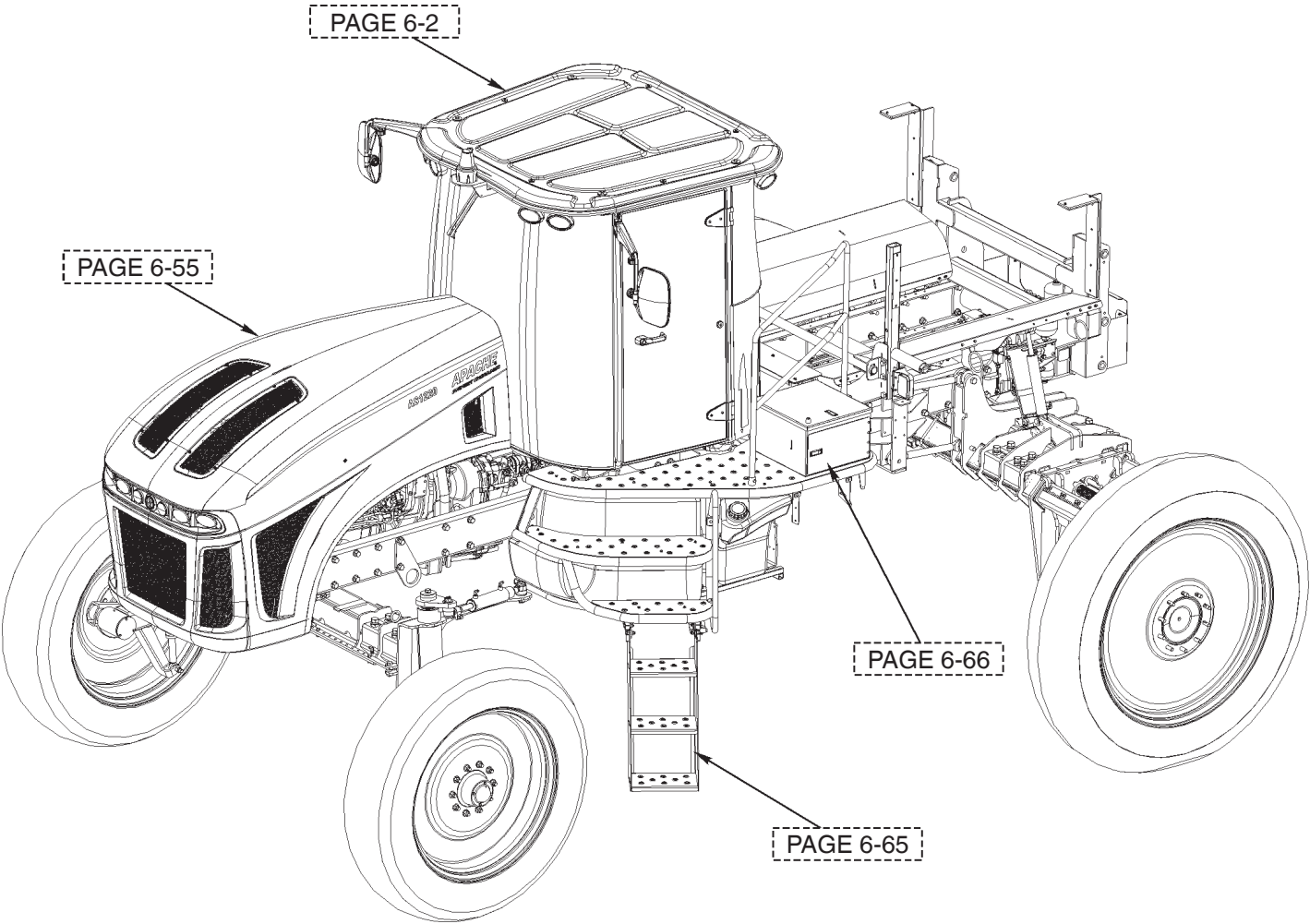
Bulk Hoses

ETI Part Number	Description	Fitting 1	Fitting 2	Length	Size	Material	Qty
800200225	Transmission Cooler Bottom to Transmission Bottom AS1020/ AS1220	16FLF (10643-16-16)	16FLF 90 LD (14143-16-16)	68	16	100R4	1
800200226	Transmission Cooler top to Transmission top AS1020/ AS1220	16FLF (10643-16-16)	16FLF 90 LD (14143-16-16)	79	16	100R4	1
800200342	Junction Manifold PB P to Ausco Inline Brake AS1020/AS1220	6FLF (10643-6-6)	8FLF (10643-8-6)	85	6	451TC	1
800200228	Transmission Right Bottom Cooler to Right Transmission AS720	16FLF (10643-16-12)	12FLF (10643-12-12)	58	12	100R4	1
800200229	Transmission Right Top Cooler to Left Transmission AS720	16FLF 90 (13943-16-12)	12FLF (10643-12-12)	100	12	100R4	1
800200343	Junction Manifold PB P to Spring Can Sahr AS720	6FLF (10643-6-6)	6SLF 90 SD (1J943-6-6)	56.5	6	451TC	1
800200297	100' Left Tip Cylinder Rod to Boom Block LTP R AS1020/ AS1220	6FLF (10643-6-4)	6FLF (10643-6-4)	353	4	451TC	1
800200298	100' Right Tip Cylinder Rod to Boom Block RTP R AS1020/ AS1220	6FLF (10643-6-4)	6FLF (10643-6-4)	348	4	451TC	1
800200299	100' Left Tip Cylinder Bore to Boom Block LTP B AS1020/ AS1220	6FLF (10643-6-4)	6FLF (10643-6-4)	336	4	451TC	1
800200300	100' Right Tip Cylinder Bore to Boom Block RTP B AS1020/ AS1220	6FLF (10643-6-4)	6FLF (10643-6-4)	331	4	451TC	1
800200315	Hydraulic Silencer to Junction Manifold P1 P, ZF AS1020/ AS1220	16 FLF 90 (13943-16-16)	16 FLF (10643-16-16)	18.5	16	451TC	1
800200345	Hydraulic Silencer to Junction Manifold P1 P, ITL AS720	16 FLF 90 (13943-16-16)	16 FLF (10643-16-16)	14	16	451TC	1
800200362	Inductor Cylinder Bore to Ladder Cylinder Bore Inductor Cylinder Rod to Ladder Cylinder Rod Inductor Equipped	4FLF (10643-4-4)	4FLF 90 (13943-4-4)	78	4	451TC	2
820000001	80'/90' Left Tip Cylinder Rod to Boom Block LTP R AS1020/ AS1220	6FLF (10643-6-4)	6FLF (10643-6-4)	330	4	451TC	1
820000002	80'/90' Right Tip Cylinder Rod to Boom Block RTP R AS1020/ AS1220	6FLF (10643-6-4)	6FLF (10643-6-4)	325	4	451TC	1
820000003	80'/90' Left Tip Cylinder Bore to Boom Block LTP B AS1020/ AS1220	6FLF (10643-6-4)	6FLF (10643-6-4)	312	4	451TC	1
820000004	80'/90' Right Tip Cylinder Bore to Boom Block RTP B AS1020/ AS1220	6FLF (10643-6-4)	6FLF (10643-6-4)	307	4	451TC	1

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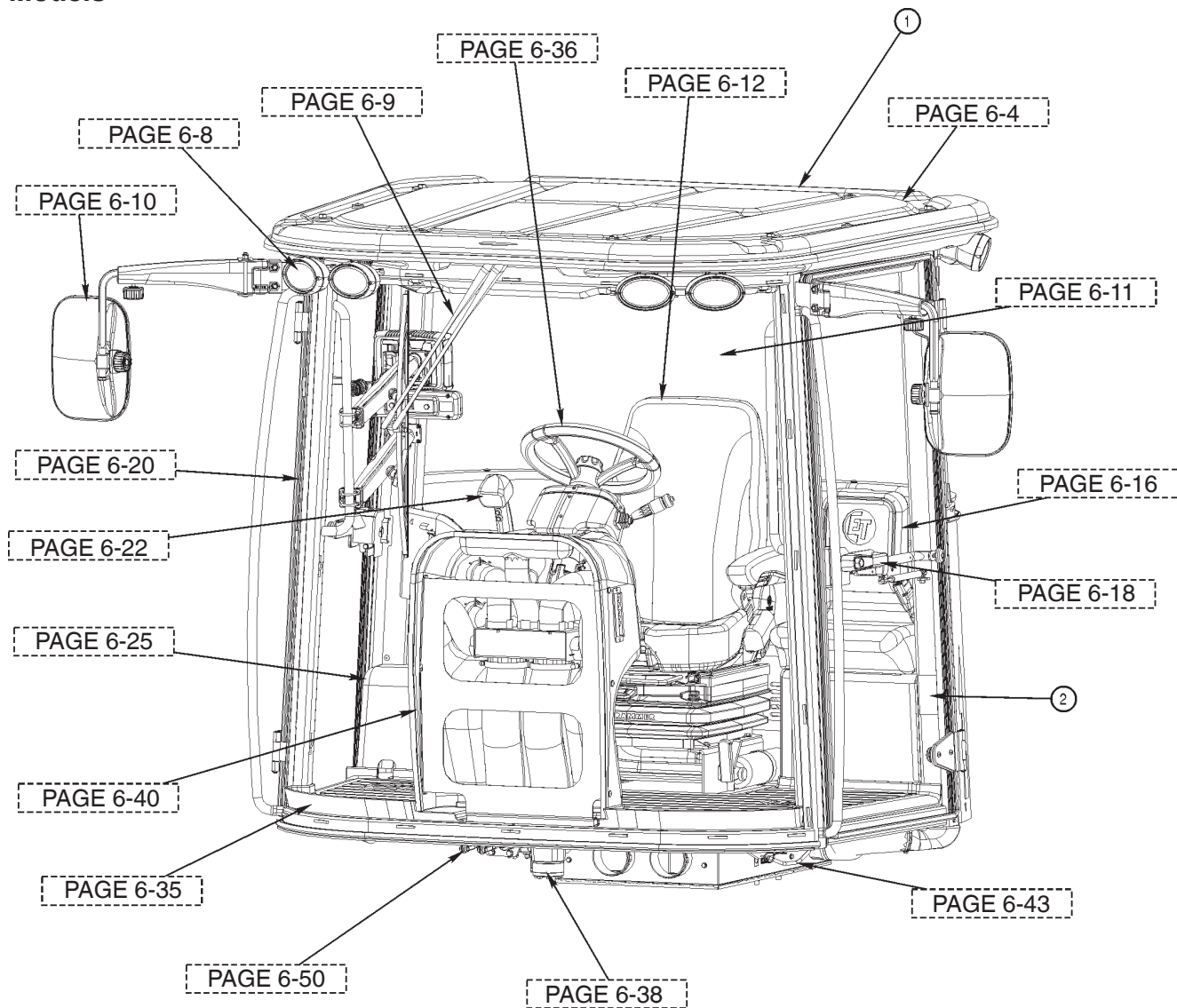
Cab, Hood and Trim
Section Overview

All Models



Cab Overview

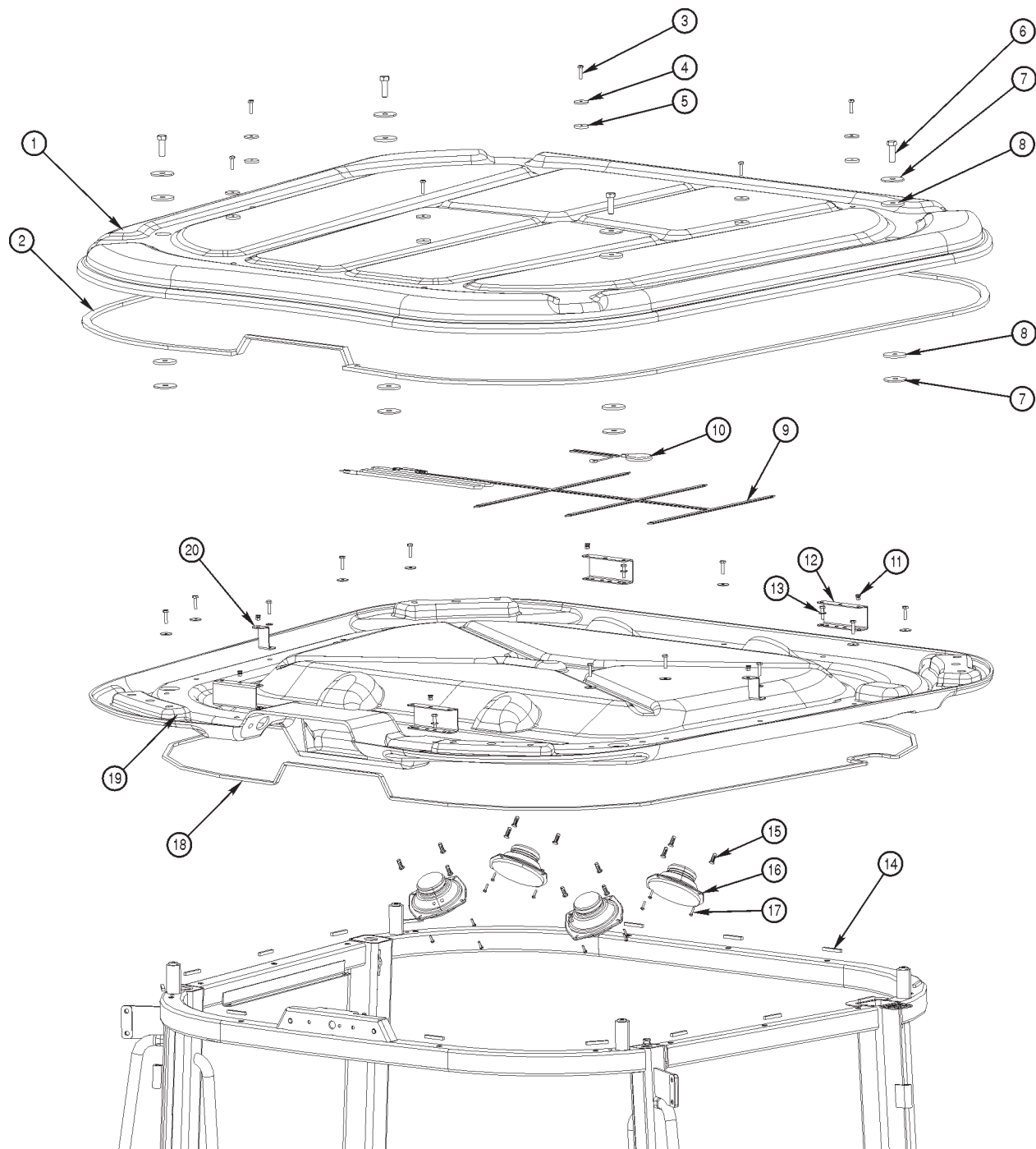
All Models



Item	Part Number	Qty	Description	Comments
1	400000802	1	Cab, Assembly, Angus (2012)	
2	420305501		Plate, Serial Number	

Roof

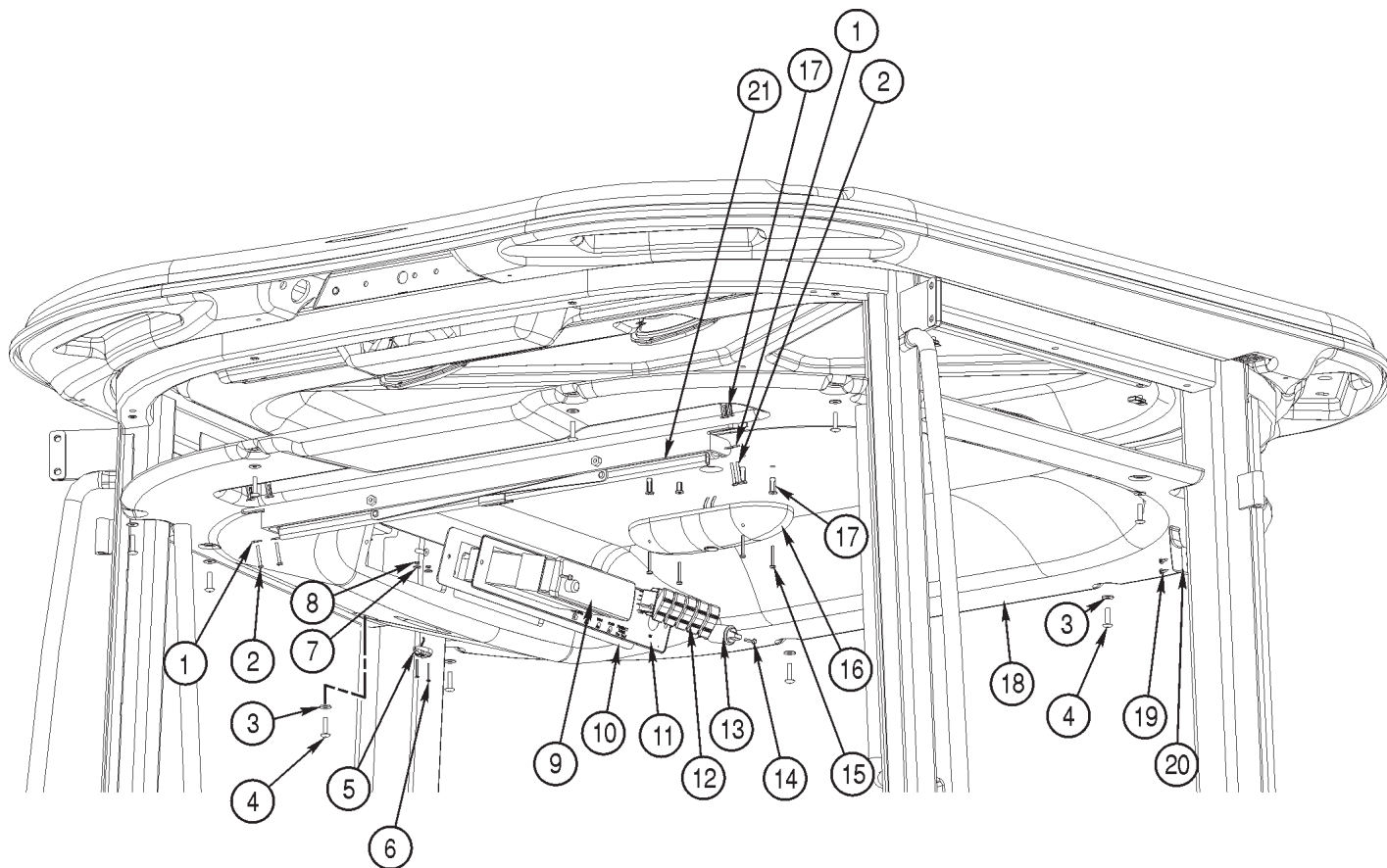
All Models



Item	Part Number	Qty	Description	Comments
1	400200161	1	Cab Roof, Outer	
2	400200165	1	Seal, Cab Roof	
3	400200012	6	Bolt, Cab 1/4-20 x 1" G8	
4	902002051	6	Washer, Fender 1-1/4 OD x 1/4 ID ZP 1/8 Thick	
5	490000118	6	Gasket, 0.2 ID x 3/16 Thick	See SB #2011-07A
6	900003245	4	Bolt, HHCS 1/2-13 x 1 1/2 G5 ZP	
7	400000854	8	Washer, 0.5, 2.0, 0.125, FLT, ES5YZ	
8	490000119	8	Gasket, 0.45 ID x 3/16 THICK	
9A	721000186	1	Antenna, 3-Band Folded Dipole with coax cable	
9B	721000187	1	Antenna, 3-Band Folded Dipole Upper half only	
10	420200005	1	Antenna, Sat Sirius Magnetic	
11	400200021	6	Rivnut, 1/4-20 0.305 Cab	
12	400200164	4	Bracket, Roof Mounting	
13	400200012	10	Bolt, Cab 1/4-20 x 1" G8	
14	400200002	15	Block, Setting Cab 0.25 x 0.25 x 2 " Neoprene	
15	400200159	20	Rivnut, M4 x 0.7, RND, 8.23P, 4.75-9.53, ST	
16	420200002	4	Speaker, DLS 225	
17	400000821	12	Bolt, M4 x 0.7 x 16, Pan , PH	
18	400200162	1	Seal, Cab Roof Inner	
19	400200160	1	Cab Roof , Inner	
20	400200163	2	Bracket, Roof Mounting	
	420200003		Tuner Sat Sirius	Not shown
	420200006		Cable, iPod 12'	Not shown
	420200007		Cable, 3.5 mm, audio Male T Male 6'	Not shown
	420200008		Ram Mount, Diamond Base C Ball	Not shown
	420200009		Ram Mount, Cradle, Side Clamp	Not shown

Headliner

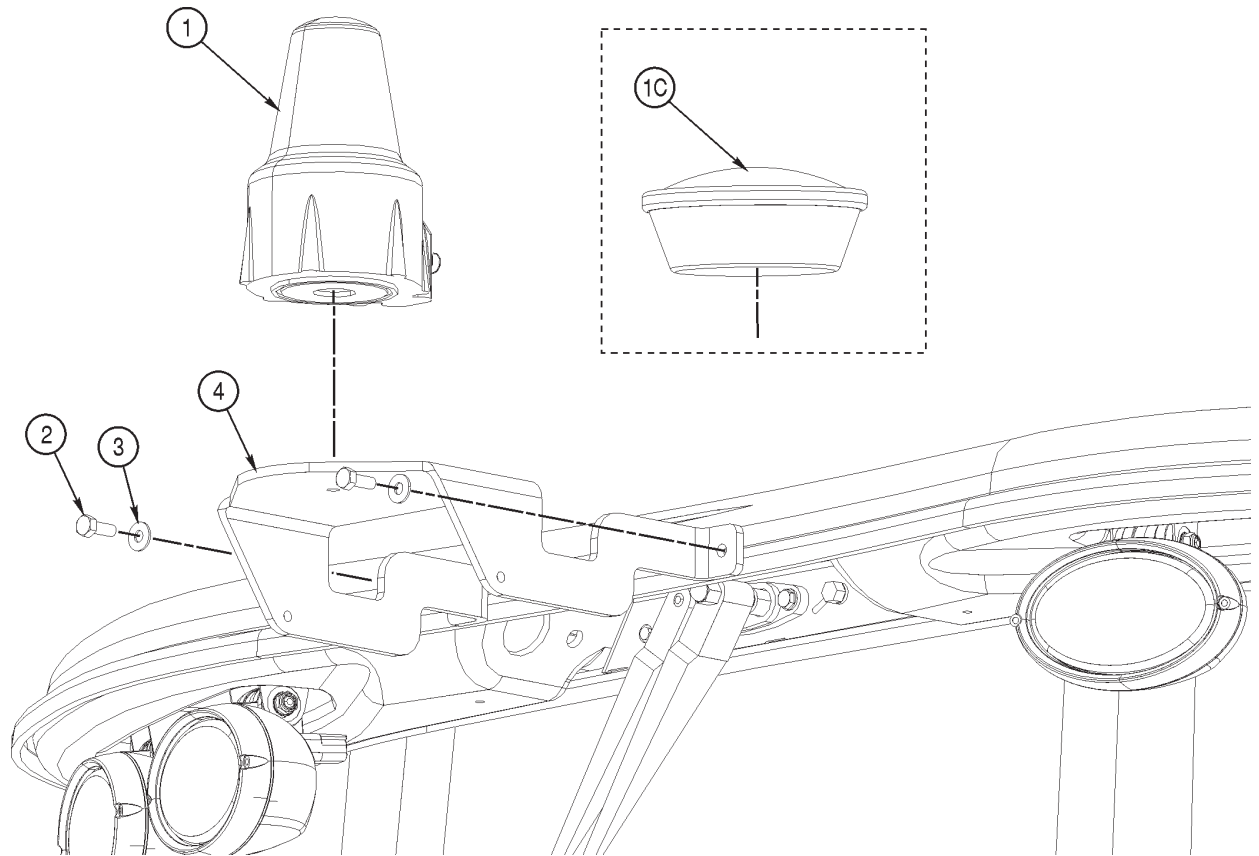
All Models



Item	Part Number	Qty	Description	Comments
1	400200071	4	Washer, Cab Sun Visor	
2	400000637	4	Bolt, M4 x 0.7 x 30	
3	400000346	26	Washer, Flat 0.260, 0.680, 0.062	
4	400000362	12	Bolt, 1/4-20 x 1 TRS Cab	
5	400200175	1	Assembly, Accent Light	
6	400000858	2	Bolt, #4-40 x 1.00, Pan	
7	400000857	2	Washer, 0.188, 0.435, 0.053	
8	400000859	2	Nut, #4-40, Hex	
9	420200001	1	Radio, Jensen JDH3620B	
10	400200171	1	Plate, Switch Panel	
11	400200172	1	Decal, Switch Panel	
12	400000832	5	Switch, Rocker, 12V 20A, SPST	
13	400000697	1	Power Point with Cap	
14	400000821	3	Bolt, M4 x 0.7 x 16, Pan, PH	
15	400000637	4	Bolt, M4 x 0.7 x 30	
16	400200174	1	Assembly, Dome Light	
17	400200159	20	Rivnut, M4 x 0.7, RND, 8.23P, 4.75-9.53, ST	
18	400200167	1	Headliner, Cab	
19	400000349	2	Screw, #8-18 x 0.50 Pan Cab	
20	400000693	1	Hook, Clothing	
21	400200073	1	Sun Visor, Cab	
	420200003		Tuner Sat Sirius	Not shown
	420200005		Antenna, Sat Sirius Magnetic	Not shown
	420200006		Cable, iPod 12'	Not shown
	420200007		Cable, 3.5 mm, Audio Male T Male 6'	Not shown
	420200008		Ram Mount, Diamond Base C Ball	Not shown
	420200009		Ram Mount, Cradle, Side Clamp	Not shown

Antenna Mount

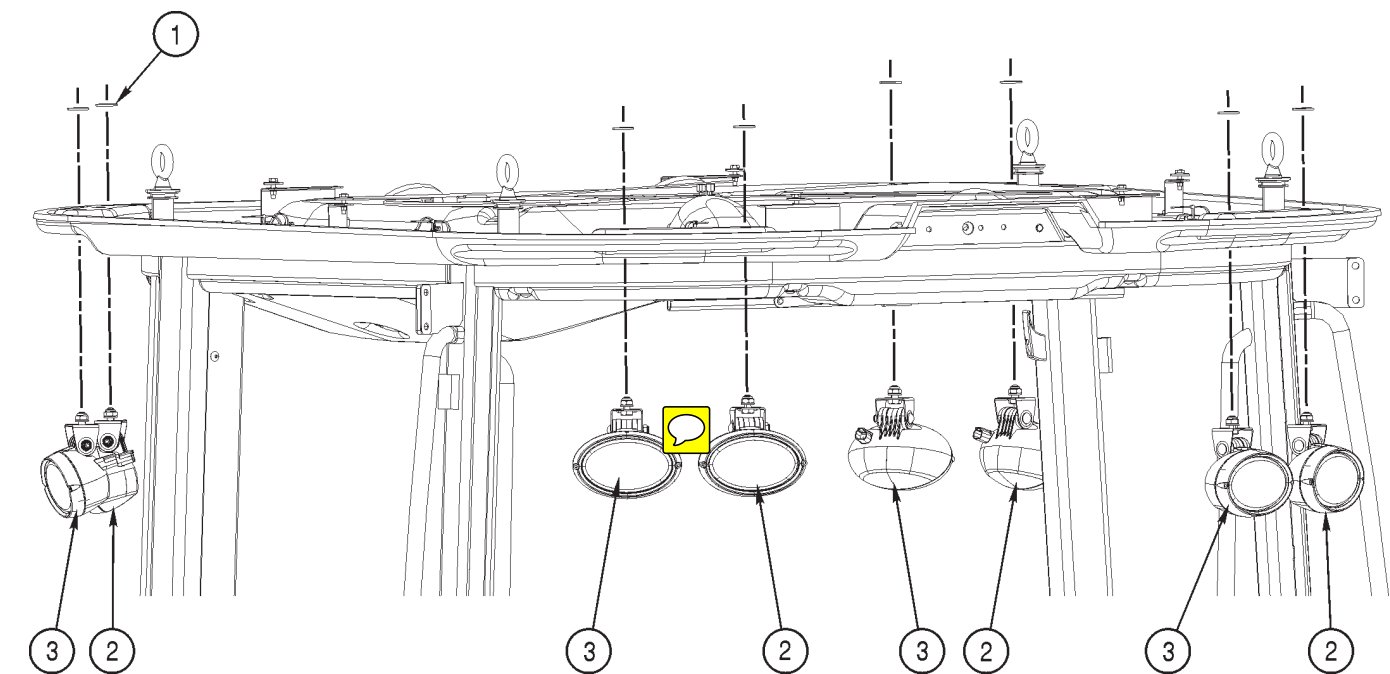
All Models



Item	Part Number	Qty	Description	Comments
1A	740000119	1	Antenna, Phoenix 200 Receiver	
1B	740000121	1	Antenna, Phoenix 300 Receiver	
1C	743000000	1	AG 25 GNSS Antenna	For Trimble equipped machines
2	420000050	1	Bracket, Antenna Front Mount	
3	902003195	2	Washer, Flat 5/16 G5 ZP	
4	900002600	2	Bolt, HHCS 5/16-18 X 3/4 G5 ZP	
	440000004	1	Ram Mount, Double Socket Arm B Length	Not shown
	450000001	1	Mount Bracket, AutoSteer Cont and Phoenix Receiver	Not shown
	740000032	1	Cable, Receiver to PC, 300 and SmarTrax	Not shown
	740000120	1	Receiver, Phoenix 300	Not shown
	740000122	1	Cable, 12' Power Phoenix 300	Not shown
	K65000227		Kit, Antenna Phoenix 200 2012	
	K65000228		Kit, Antenna Phoenix 300 w/ Viper 2012	

Cab Lights

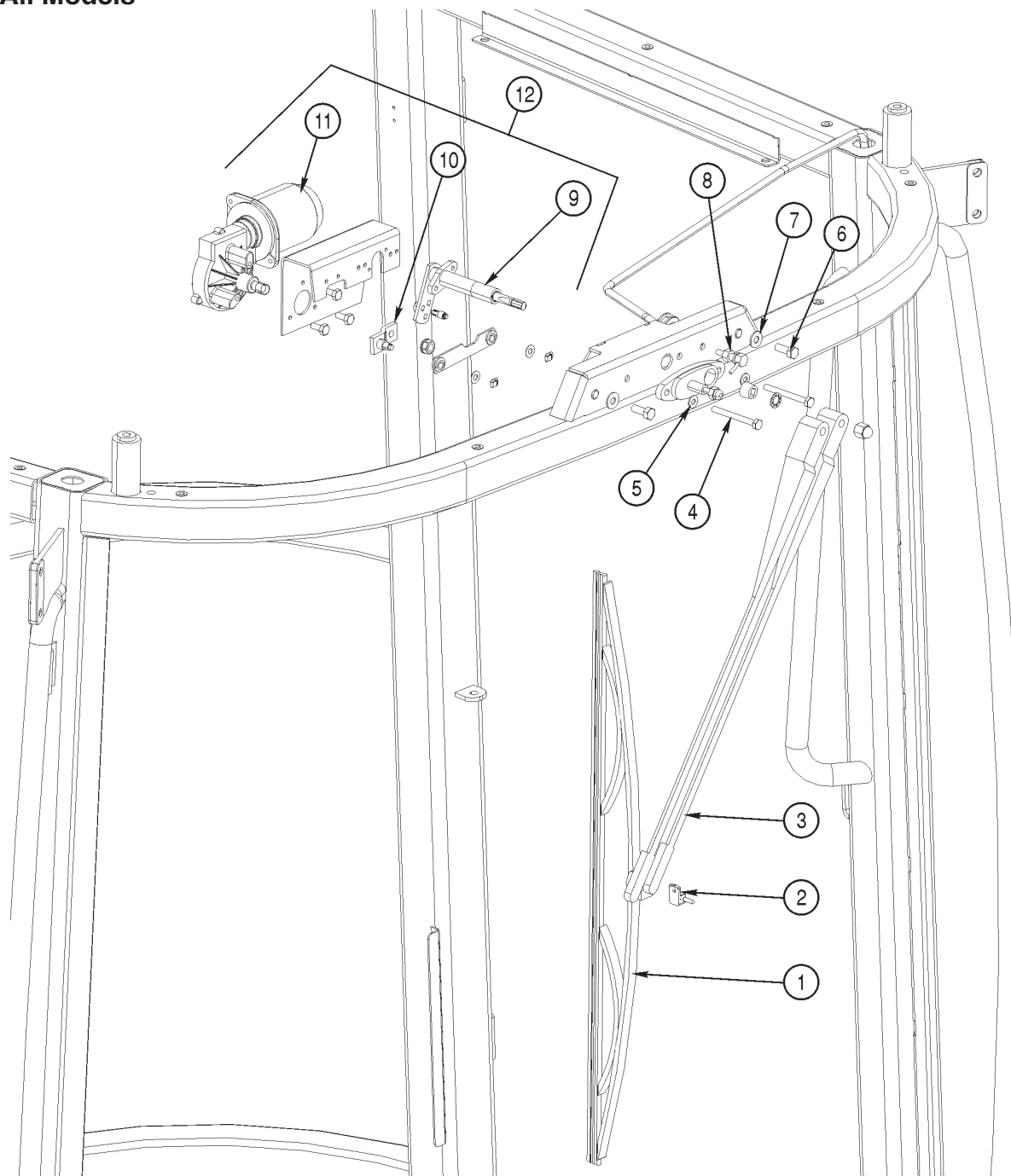
All Models



Item	Part Number	Qty	Description	Comments
1	400000847	8	Washer, Flat 0.406,1.250, 0.094	
2	400000865	4	Light, Oval, DBL Bulb H3, 12V L	Ribbed Glass
3	400000866	4	Light, Oval, DBL Bulb H3, 12V G	Smooth Glass

Wiper

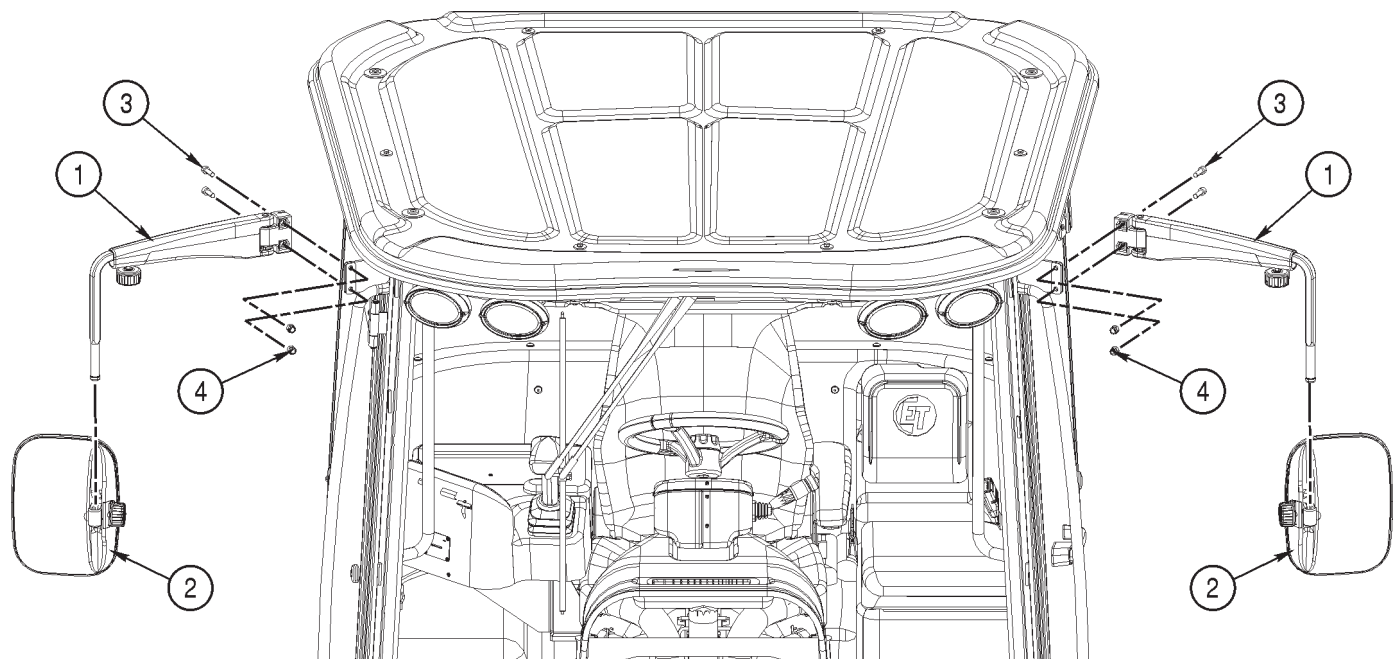
All Models



Item	Part Number	Qty	Description	Comments
1	400000837	1	Blade, Wiper, 28" Flex, Black	
2	443000000	1	Wet Kit, Wiper	
3	400000836	1	Arm, Wiper, 22" Panto, Dry	
4	400000840	2	Bolt, 0.25-28 x 2.50, Hex, G8	
5	400000826	2	Washer, Flat 0.251, 0.565, 0.060	
6	400000839	2	Bolt, 0.31-18x 0.75, Hex, G8	
7	400200059	2	Washer, Cab 0.313, 0.750, 0.062	
8	400000834	1	Adapter, Wet Arm	
9	400000842	1	Shaft, 3" Pivot	
10	400000841	1	Arm, Drive, WWJ Wiper, 0.950 Long	
11	400000843	1	Wiper, Motor 12 V	Motor Only
12	400200154	1	Assembly, Wiper Motor	Includes items 9, 10 and 11.

Mirror

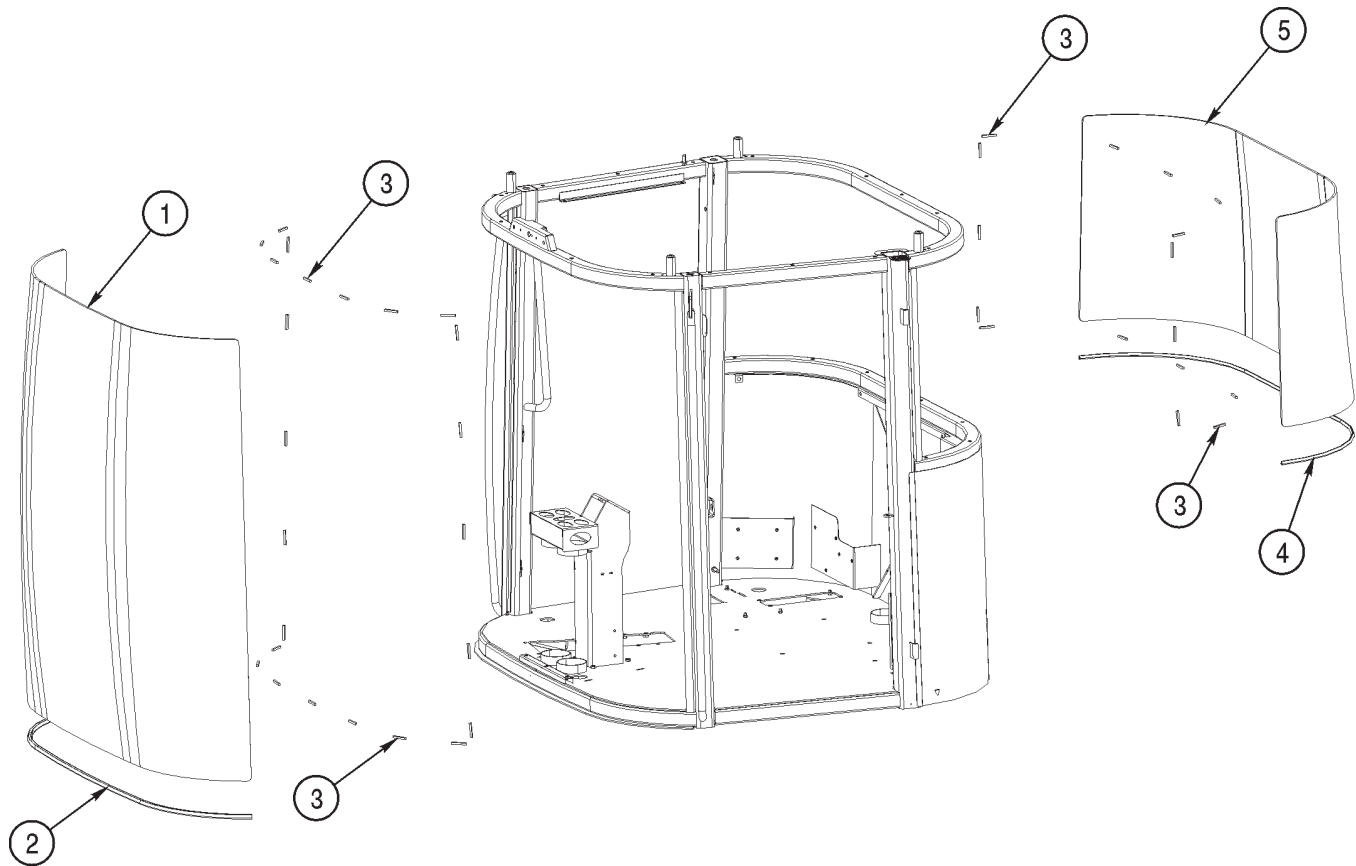
All Models



Item	Part Number	Qty	Description	Comments
1	400200204	2	Arm, Mirror, Extendable	
2	400000725	2	Mirror, Britax	
3	400200203	4	Bolt, M10 x 1.5 x 30, SKT, FT, C8.8	
4	400200205	4	Nut, M10 x 1.5, Hex, NK, C8	

Front and Rear Glass

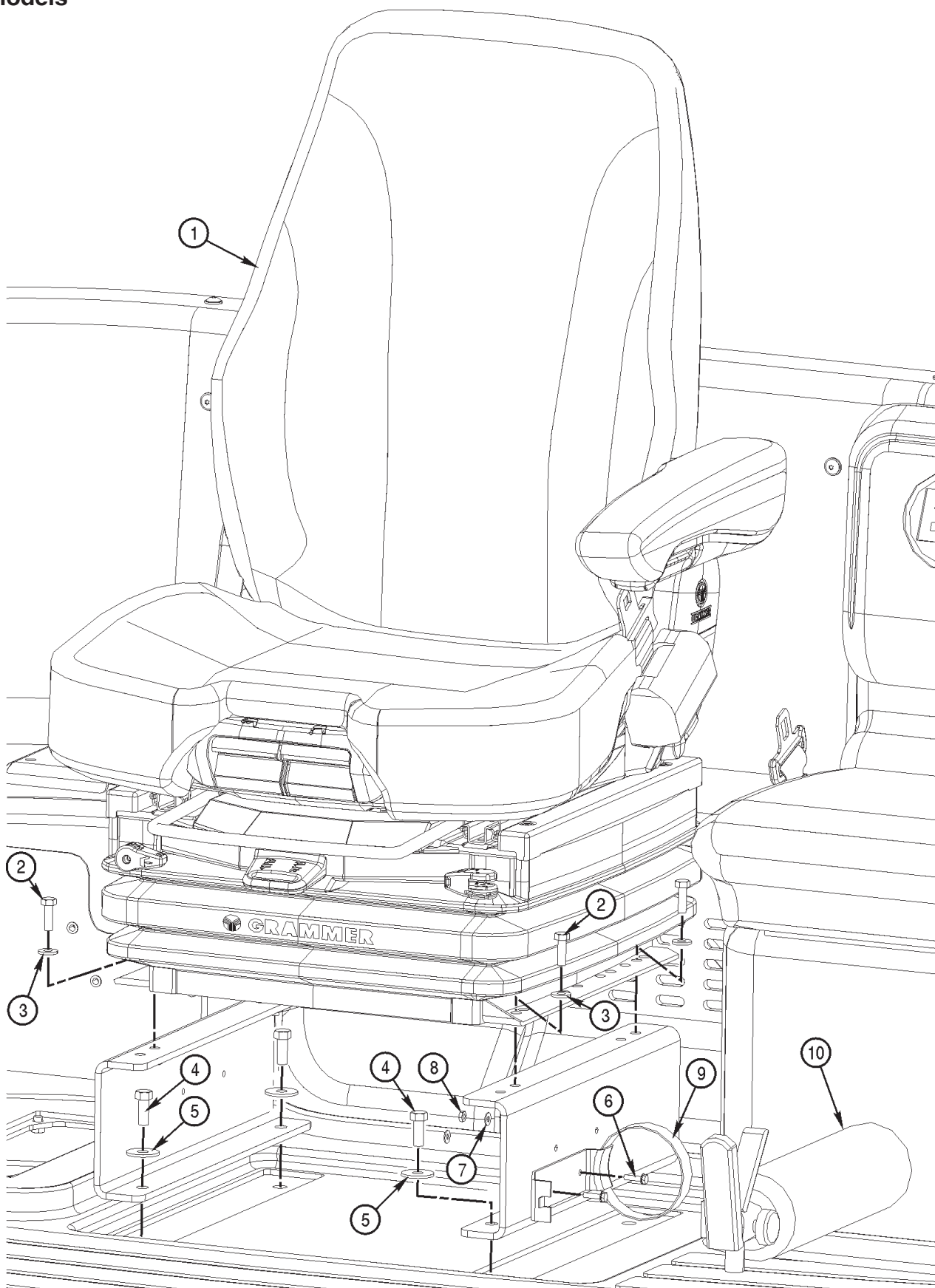
All Models



Item	Part Number	Qty	Description	Comments
1	400000727	1	Glass, Cab Front	
2	400000729	1	Trim, Window Edge Front	
3	400200002	40	Block, Setting Cab 0.25 x 0.25 x 2 " Neoprene	
4	400000730	1	Trim, Window Edge Rear	
5	400000726	1	Glass, Cab Rear	

Operator Seat Mounting

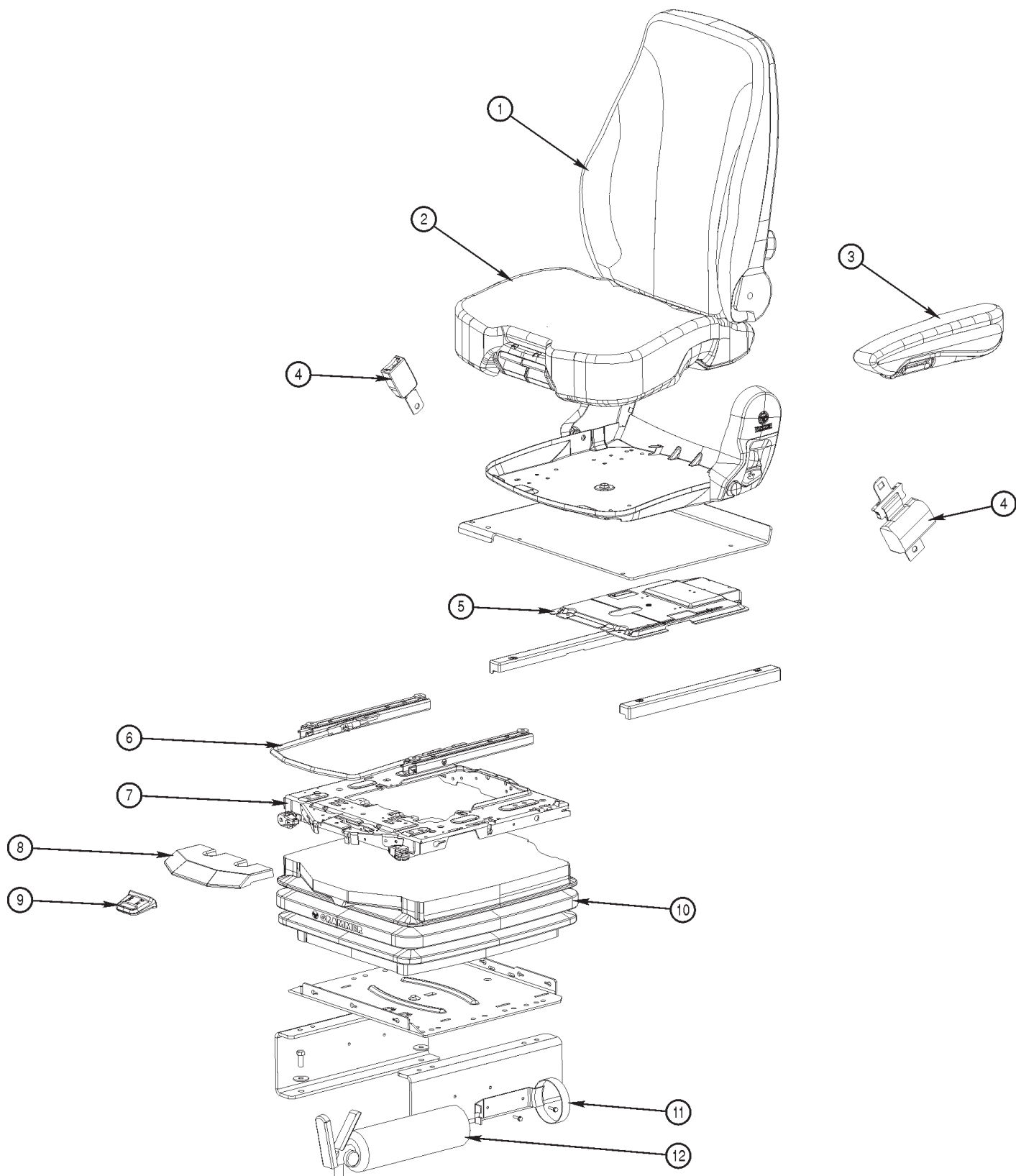
All Models



Item	Part Number	Qty	Description	Comments
1	400200156	1	Assembly,Seat, MSG97AL/742	
2A	800000850	4	Bolt, 0.31-18 x 1.00, Hex G8	
2B	400200013	4	Nut, Cab 0.31-18, Hex G8	Not shown
3	400000357	8	Washer, 3/4 Flat Cab	
4	400000416	4	Bolt, 3/8-16X 1" Hex G8	
5	400000847	4	Washer, Flat, 0.406,1.250, 0.094	
6	400000848	2	Bolt, #10-24 x 0.75,HFL,WL,G5	
7	800000849	2	Washer, Flat, 0.214, 0.495, 0.036	
8	400000326	2	Nut, 10-24 Hex G5	
9	400000708	1	Clamp Bracket, Fire Extinguisher	
10	400000313	1	Extinguisher, Fire Cab	

Operator Seat

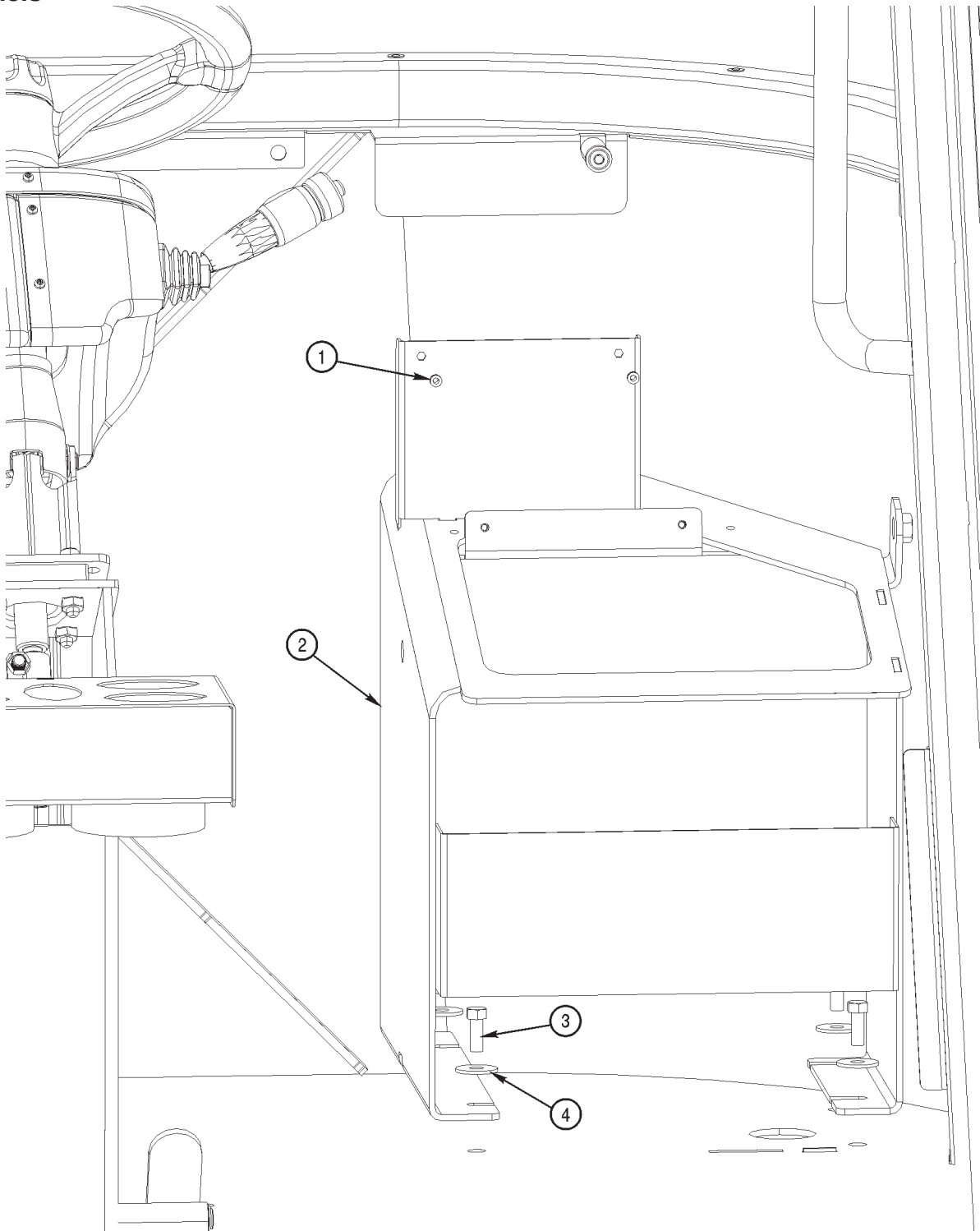
All Models



Item	Part Number	Qty	Description	Comments
1	420400155	1	Seat Back Cushion with Logo	
2	420400154	1	Seat Top Cushion	
3	420400152	1	Armrest Kit LH	
4	420400157	1	Seatbelt Kit	
5	460000025	1	Cover	
6	420400158	1	Seat Depth and Tilt Kit	
7	460000026	1	Plate Suspension	
8	460000027	1	Cover Front Handle	
9A	460000028	1	Handle Seat	
9B	460000029	1	Trigger Seat Handle	
10	460000030	1	Bellows	
11	400000708	1	Clamp Bracket Fire Extinguisher	
12	400000313	1	Extinguisher Fire Cab	
	460000032	1	Handle Seat Rt	Not Shown
	460000033	1	Spring Air	Not Shown
	420400156	1	Suspension Kit	Not Shown
	460000035	1	Compressor 12V	Not Shown
	460000036	1	Shock Absorber Seat	Not Shown
	460000037	1	Reservoir Added Air	Not Shown
	460000038	1	Adjuster Seat	Not Shown
	460000039	2	Shock Absorber Seat Ft	Not Shown

Buddy Seat

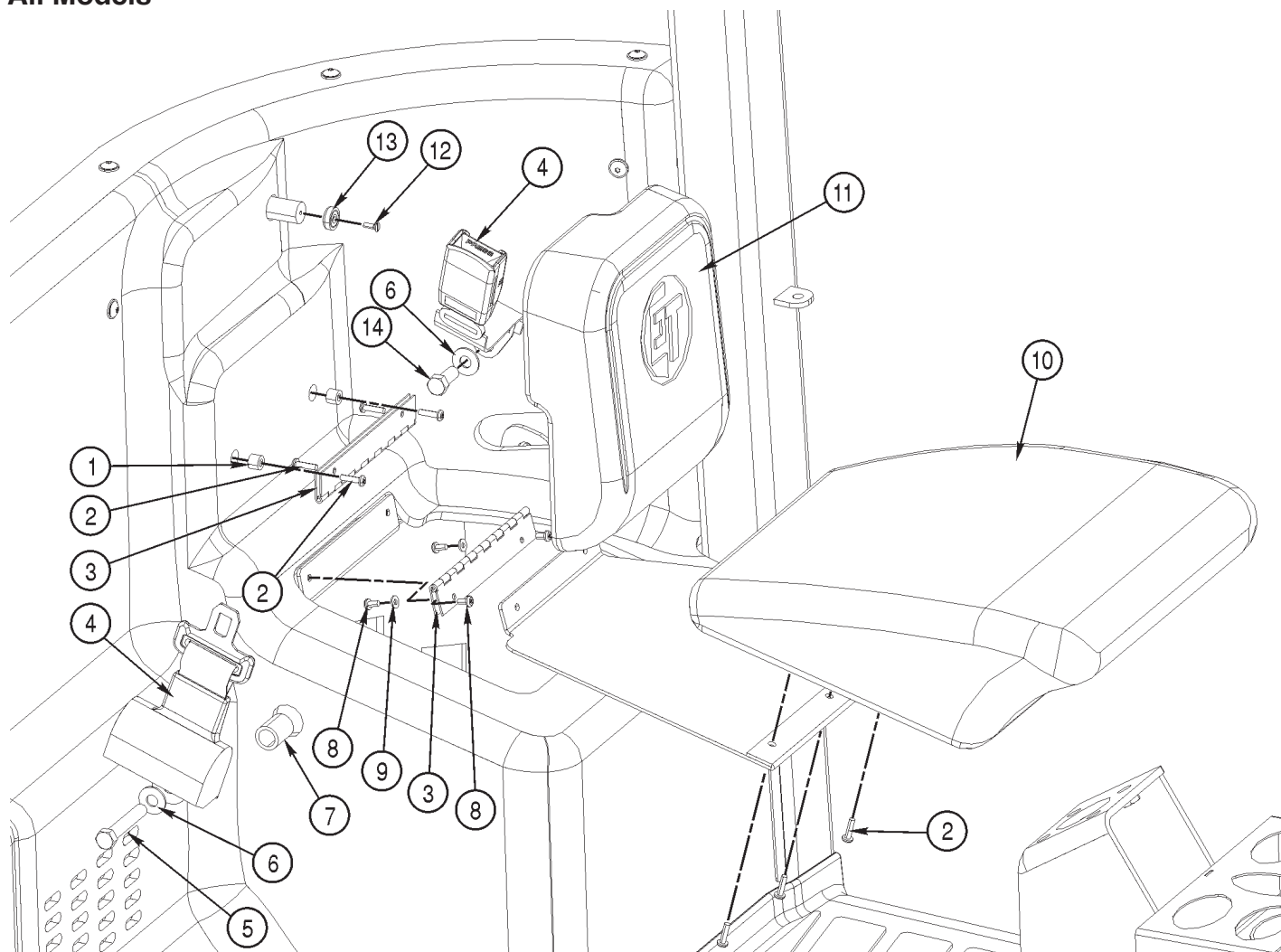
All Models



Item	Part Number	Qty	Description	Comments
1	400000599	2	Bushing, 0.257 x 0.50 x 0.375 Thick	
2	400200196	1	Weldment, Buddy Seat Base	
3	400000416	4	Bolt, 3/8-16 x 1" Hex G8 Cab	
4	400000847	4	Washer, 0.406, 1.250, 0.094,	

Buddy Seat (cont.)

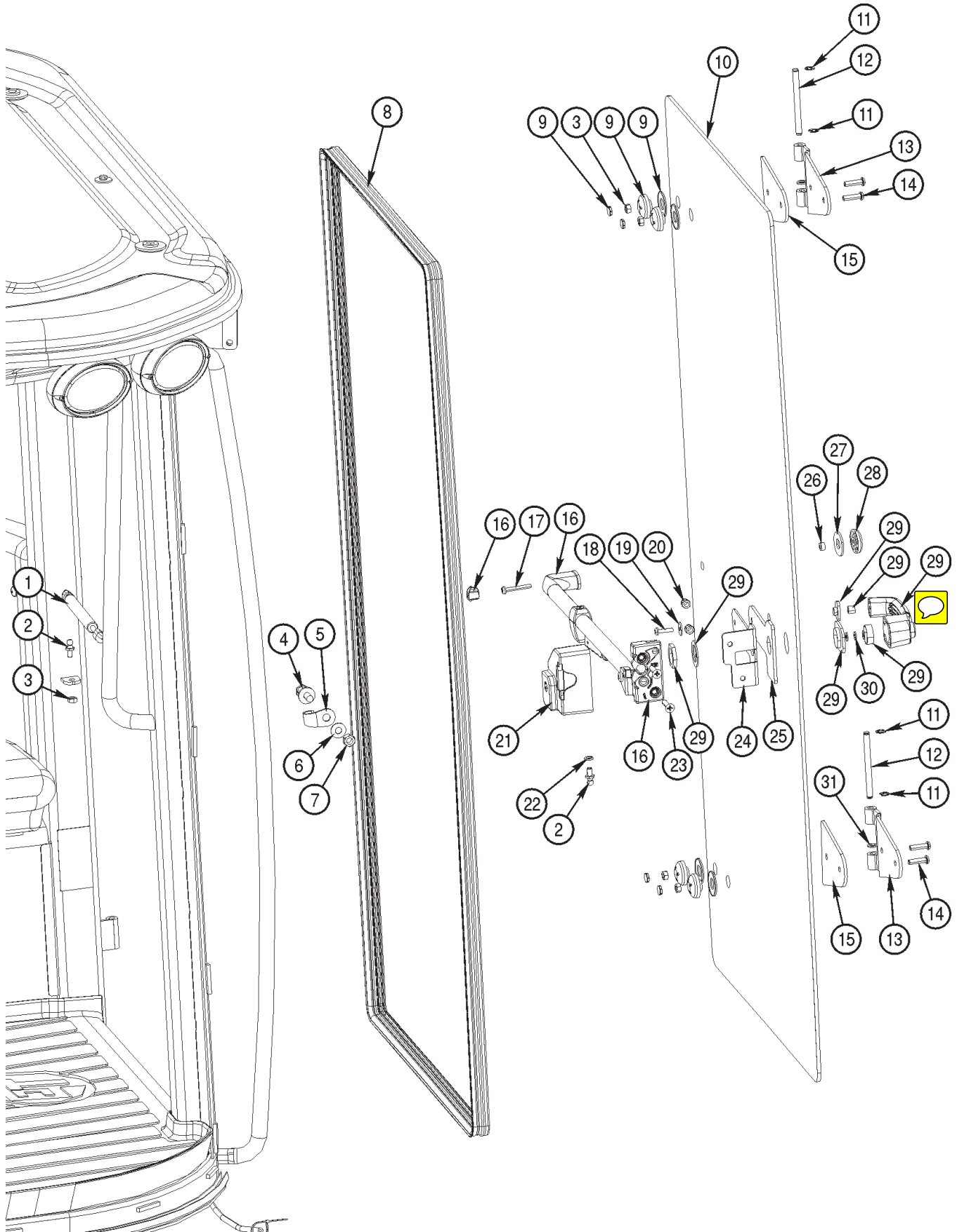
All Models



Item	Part Number	Qty	Description	Comments
1	400000599	2	Bushing, 0.257 x 0.50 x 0.375 Thick	
2	400000885	7	Bolt, #10-24 x 0.75, Panhead	
3	400200201	2	Hinge, Back Rest	
4	420400157	1	Kit, Seat Belt 2"	
5	400000884	1	Bolt, 0.44-14 x 2.50, Hex, G5	
6	400000359	2	Washer, Flat Cab	
7	400200199	1	Bushing, Seat Belt	
8	400200195	4	Bolt, #10-24 x 0.38, Pan, PH, G2,	
9	400000857	2	Washer, Flat 0.188, 0.435, 0.053,	
10	400200197	1	Cushion, Buddy Seat	
11	400200198	1	Back Rest, Buddy Seat	
12	400200194	1	Bolt, #8-32 x 0.50	
13	400000886	1	Magnet, Stl Cup, 13 lb	
14	400000883	1	Bolt, 0.44-14 x 1.00, Hex, G8	

Entry Door

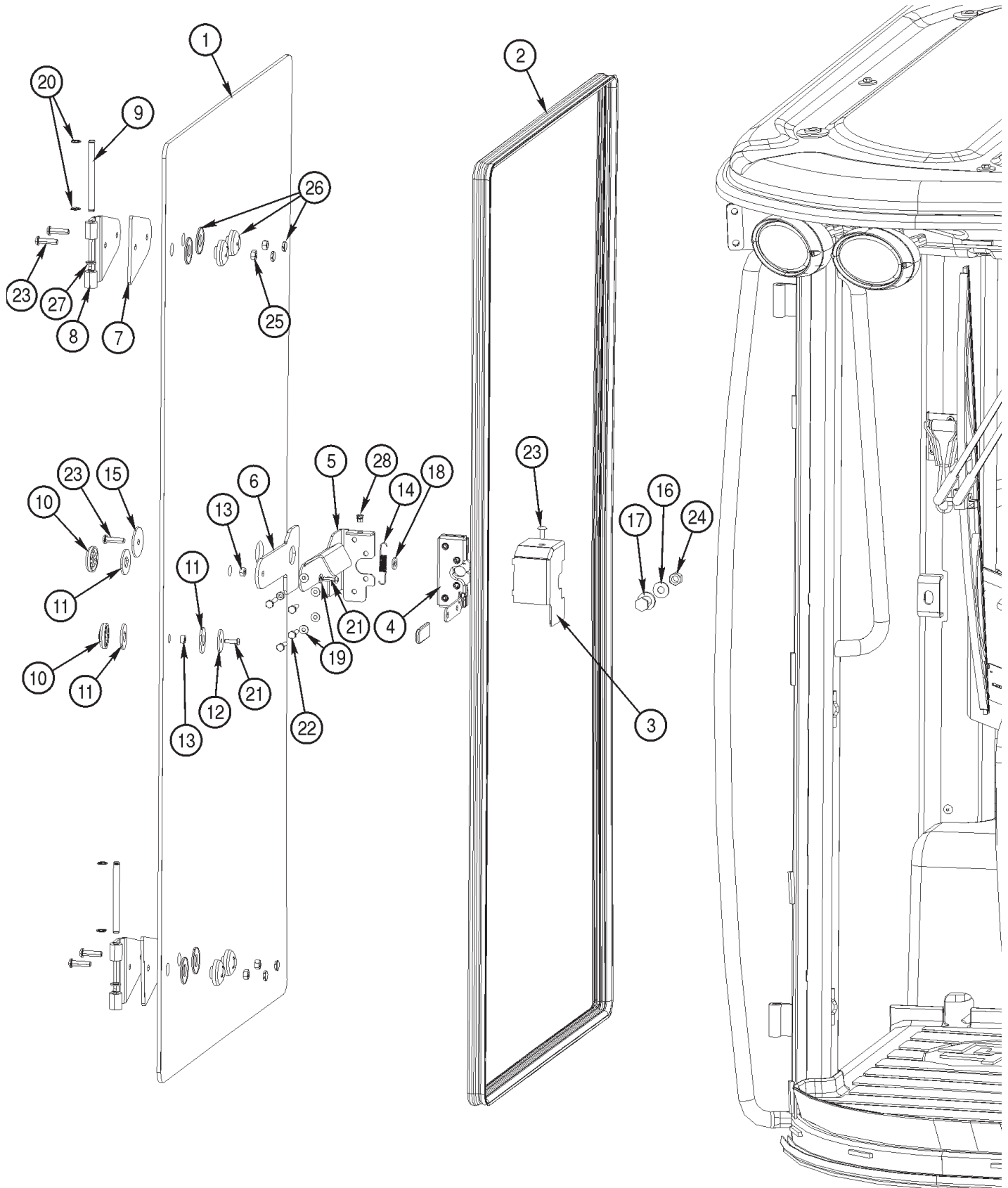
All Models



Item	Part Number	35	Description	Comments
1	400000874	1	Gas Spring	
2	400000867	2	Ball Stud, 10 mm Dia. M8 x 1.25 THD	
3	400000430	5	Nut, M8 x 1.25 Hex Cab	
4	400000868	1	Striker, Door	
5	400000871	1	Guard, Striker, M12	
6	400000359	1	Washer, Flat Cab 0.438, 1.000, 0.070	
7	400000386	1	Nut, 44-14	
8	400200179	1	Seal, Door	
9	400000870	4	Window Cap, M8, Assembly	
10	400000728	1	Glass, Cab Door	
11	400000872	4	Ring, Retaining, 0.375 Shaft	
12	400200181	2	Pin, Door Hinge	
13	400200180	2	Weldment, Door Hinge	
14	400000873	4	Bolt, M8 x 1.25 x 30 Buttonhead	
15	400200178	2	Gasket, Door Hinge	
16	400200182	1	Handle, Interior Release	
17	400000046	1	Bolt, M6 x 1 x 45, Pan	
18	400200183	1	Bolt, M6 x 1 x 25, Pan, PH	
19	400000875	2	Washer, 6.5, 22, 2, BZD CNH-B	
20	400000437	2	Nut, M8 x 1.25 Hex NK Cab	
21	400000869	1	Cover, Grab Handle Latch	
22	400000429	2	Washer, Flat 0.315, 0.575, 0.085	
23	400000436	2	Bolt, M8 x 1.25 x 35 Flat PH	
24	400200176	1	Mount, Interior Latch	
25	400200177	1	Gasket, Door Latch	
26	400000433	1	Bushing, Nylon White, Door	
27	400000365	1	Seal, Rubber, under eyebolt	
28	400000448	1	Bushing, M6 Cab	
29	400000312	1	Handle, Exterior Cab Door	
30	400000826	3	Washer, Flat, 0.251, 0.565, 0.060	
31	400000444	2	Washer, Flat, Brass	

Service Door

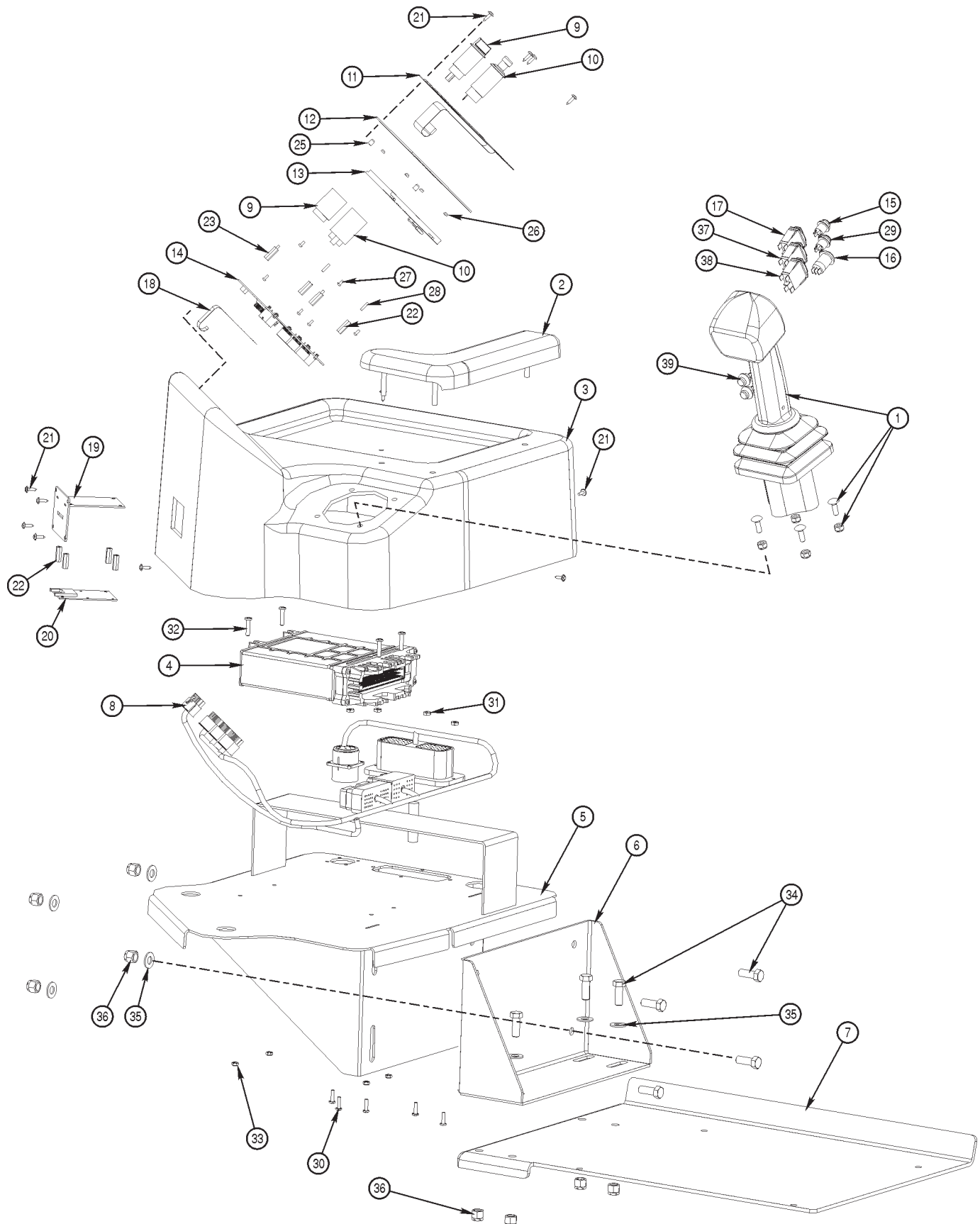
All Models



Item	Part Number	Qty	Description	Comments
1	400000728	1	Glass, Cab Door	
2	400200179	1	Seal, Door	
3	400200193	1	Weldment, Latch Cover	
4	400000879	1	Latch, Cam R/H	
5	400200184	1	Plate, R/H Door Latch	
6	400200177	1	Gasket, Door Latch	
7	400200178	2	Gasket, Door Hinge	
8	400200180	2	Weldment, Door Hinge	
9	400200181	2	Pin, Door Hinge	
10	400000448	2	Bushing, M6 Cab	
11	400000365	2	Seal, Rubber, under eyebolt	
12	400200192	1	Plate, Hole Plug, R/H Door	
13	400000433	2	Bushing, Nylon White, Door	
14	400000880	1	Spring, Black Tension	
15	400200191	1	Gasket, R/H Door Latch	
16	400000359	1	Washer, Flat 0.438, 1.0, 0.070	
17	400000868	1	Striker, 0.44-14 x 0.75, WSH, 0.89 Shoulder	
18	400000357	1	Washer, 3/4 Flat Cab	
19	400000826	5	Washer, Flat 0.251, 0.565, 0.060	
20	400000872	4	Ring, Retaining, 0.375 Shaft	
21	400000877	1	Bolt, M6 x 1 x 20, BTN, HX,	
22	400200012	3	Bolt, Cab 1/4-20 x 1" G8	
23	400000873	5	Bolt, M8 x 1.25 x 30, BTN, HX	
24	400000386	1	Nut, 0.44-14 Hex G8	
25	400000430	5	Nut, M8 x 1.25 Hex Cab	
26	400000870	4	Window Cap, M8, Assembly	
27	400000444	2	Washer, Flat Brass	
28	400200021	1	Rivnut, 1/4-20 0.305 Cab	

Console

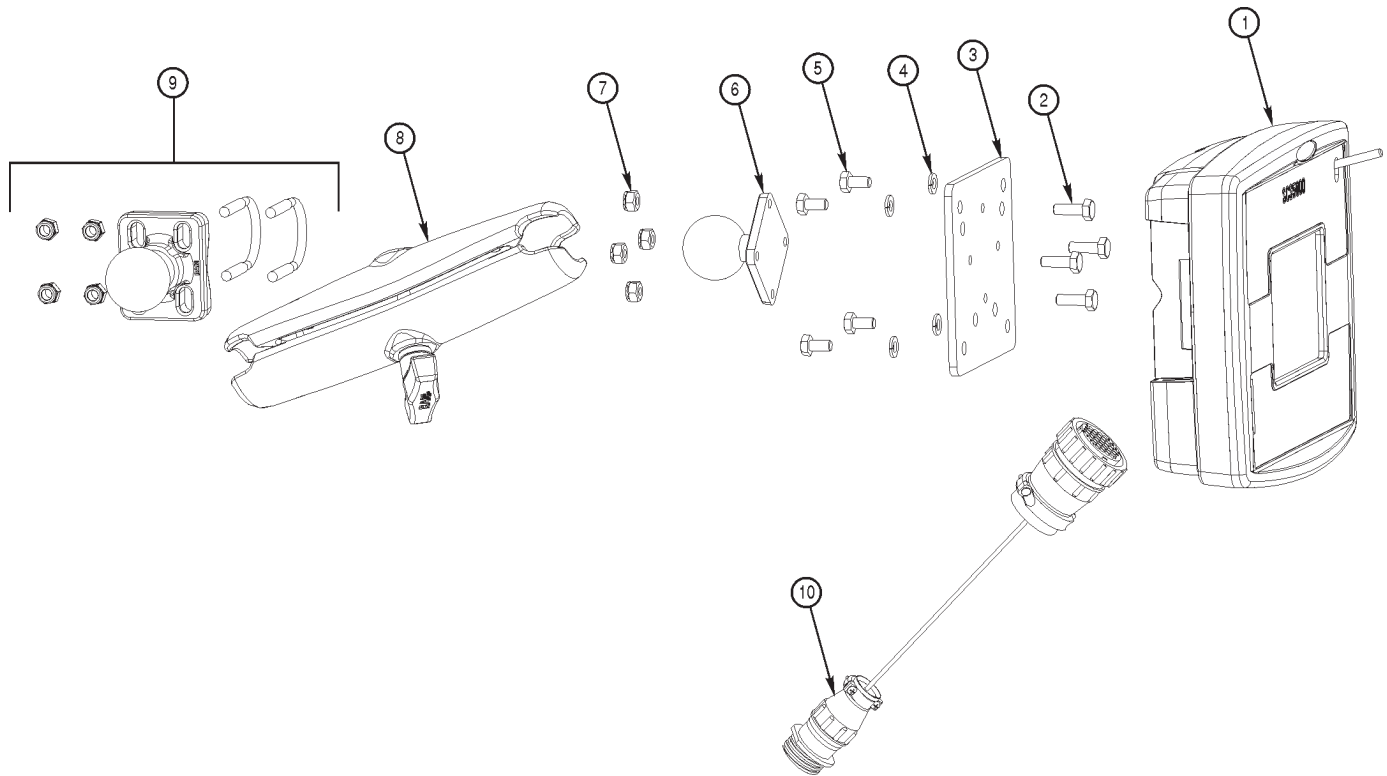
All Models



Item	Part Number	Qty	Description	Comments
1	420300613	1	Handle, Control	
2	420301023	1	Arm Rest, Right Console	
3	420301035	1	Console Housing, Plastic	
4A	310200010	1	TCU, ZF AS1220	
4B	310200000	1	TCU, ZF AS1020	
4C	310200015	1	TCU, ZF 275 HP 6W-191	
5	420300621	1	Bracket, Console Pan	
6	420300618	1	Bracket, Seat Base to Console Pan	
7	420300631	1	Bracket, Seat Console Mount	
8A	700000540	1	Harness, PS764 Console	AS720
8B	700000541	1	Harness, ZF Console	AS1020 and AS1220
9	700300065	1	accessory, Power Outlet with cap	Cap Only P/N 700300068
10	700300064	1	Plug, Cigarette Complete	
11	420301022	1	Membrane, Console	
12	420301024	1	Plate, Console	
13	700300102	1	Display, 4.8" STN Mono, LED	
14	700300100	1	Board, Console Circuit	
15	420300628	1	Switch, Set For Cruise	
16	420300626	1	Switch, Yellow Boom Master	
17	420300625	1	Switch, Right Boom Tilt	
18	700300103	1	Cable LED Display	
19	420301026	1	Bracket, Inverter/SD Card	
20	700300104	1	Circuit Board, SD Drive 2013	
21	900100001	9	Screw, #6 Self - tapping	
22	420301027	6	Standoff, 4-40 Female/Female 3/4 long	
23	420301028	2	Standoff, 4-40 Male/Female 3/4 long	
24	400000341	4	Screw, RHMS 4-40 x 0.25	
25	420301030	2	Insert, 4-40 Press in 1/4"	
26	420301029	4	Insert, 4-40 Press in 1/8"	
27	400000341	2	Screw, RHMS 4-40 x 0.25	
28	420301031	2	Stud, 4-40 x 1/2" long steel	
29	420300629	1	Switch, Resume	
30	903005283	5	Screw, PH Panhead #6 x 1/2"	
31	903005282	5	Nut, Hex 6/32"	
32	900002512	4	Capscrew, Buttonhead 10-32 x 3/4	
33	901002900	4	Nut, Nylock 10-32	
34	900002815	8	Bolt, HHCS 3/8-16 x 1 G5 ZP	
35	902003045	8	Washer, Flat 3/8 ZP	
36	901003020	8	Nut, Nylock 3/8-16	
37	420300624	1	Switch, Left Boom Tilt	
38	420300623	1	Switch, Boom Rack Up and Down	
39	420300627	2	Switch, Forward and Reverse	
	420301034	2	Standoff, 4-40 Female/Female 1/4	Not shown

Raven Console Mounting

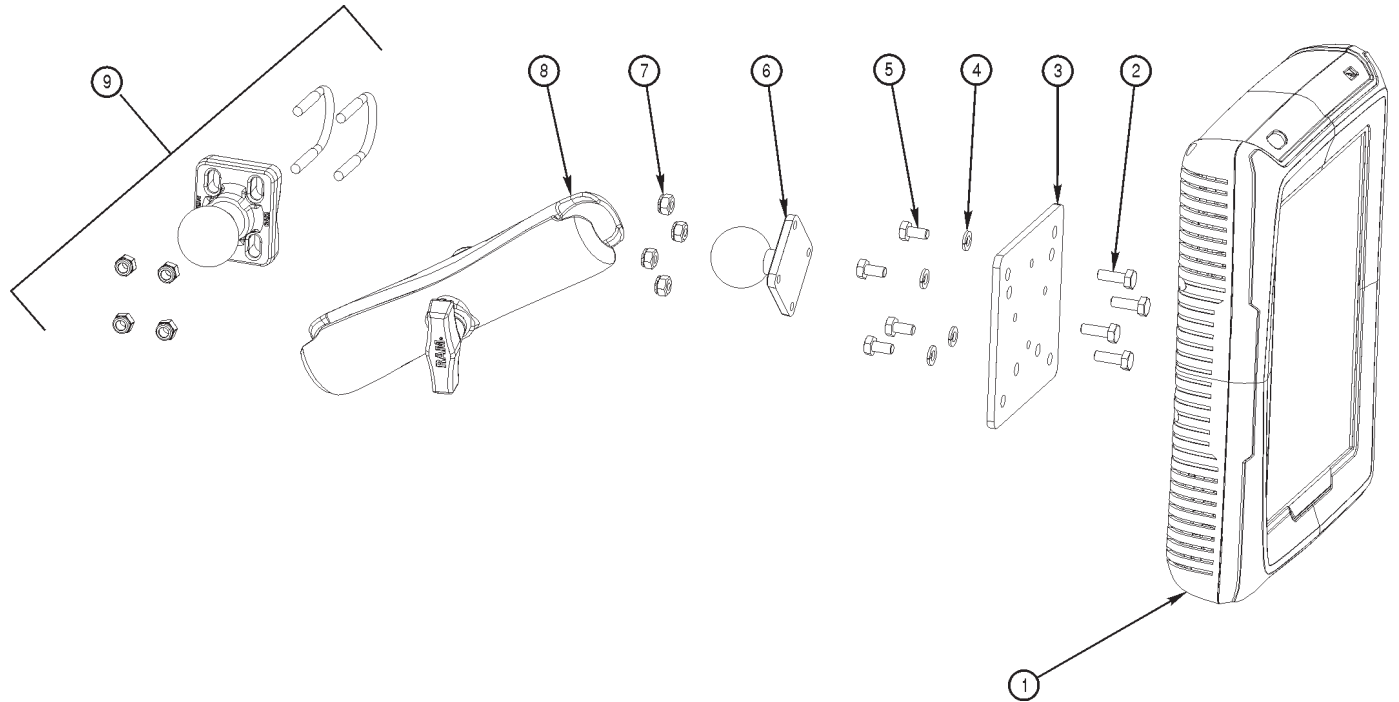
All Equipped Models



Item	Part Number	Qty	Description	Comments
1	611000190	1	Console, Raven SCS 5000	
2	900002395	4	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
3	450000002	1	Mount Plate, Console	
4	NSS		Included with # 1	
5	NSS		Included with # 1	
6	440000006	1	Ram mount Base, 2 x 2	
7	901003000	4	Nut, Nylock 1/4-20	
8	440000005	1	Ram mount , Double socket	
9	440000002	1	Ram mount, Size C 1 1/2" ball	
10	700000566	1	Harness, 5000 Console Adapter 2012	
	K65000223		Kit, 5000 Console 2012	
	K65000226		Kit, Console Ready	
	K65000231		Kit, Powerglide Plus AutoBoom	
	K65000232		Kit, Ultraglide AutoBoom	
	K65000233		Kit, Ultraglide w/wheels AutoBoom	
	K65000236		Kit, Ultraglide w/5 eyes AutoBoom	
	K65000237		Kit, Powerglide Plus w/center eye AutoBoom	

Viper Console Mounting

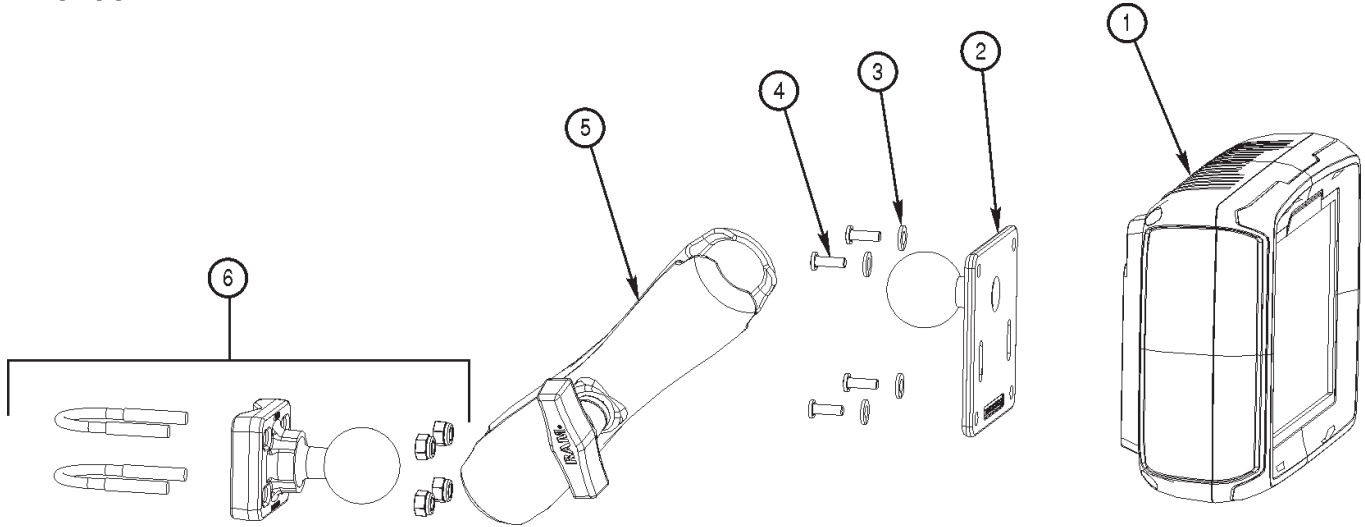
All Equipped Models



Item	Part Number	Qty	Description	Comments
1	611000009	1	Console, Viper	ET Labeled
2	900002395	4	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
3	450000002	1	Mount Plate, Viper	
4	902201085	4	Washer, lock 1/4 ZP	
5	900002396	4	Bolt, HHCS 1/4-20 x 1/2 G5 ZP	
6	440000006	1	Ram Mount, Base 2 x 2	
7	901003000	4	Nut, Nylock 1/4-20	
8	440000005	1	Ram Mount, Double Mount	
9	440000002	1	Ram Mount , Base Size C	
	K65000225		Kit, Viper Pro Console	
	K65000226		Kit, Console Ready	
	K65000231		Kit, Powerglide Plus AutoBoom	
	K65000232		Kit, Ultraglide AutoBoom	
	K65000233		Kit, Ultraglide w/wheels AutoBoom	
	K65000236		Kit, Ultraglide w/5 eyes AutoBoom	
	K65000237		Kit, Powerglide Plus w/center eye AutoBoom	

E Pro Console Mounting

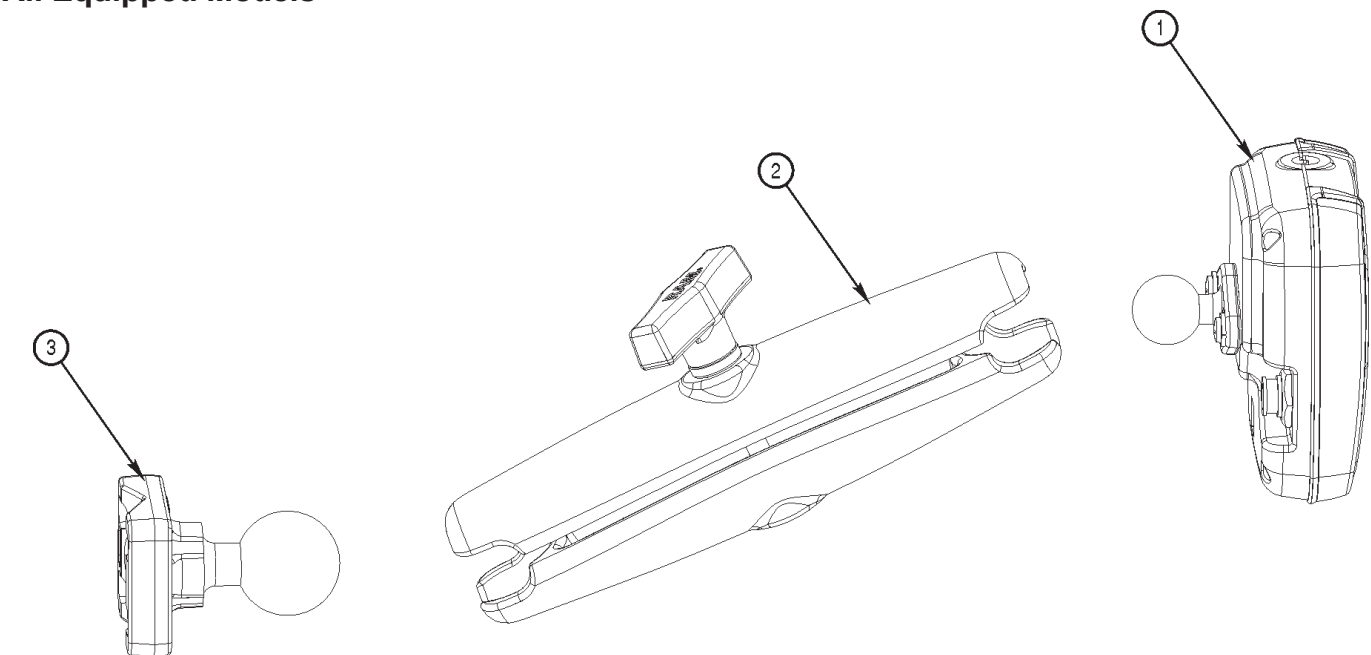
All Equipped Models



Item	Part Number	Qty	Description	Comments
1	611000010	1	Console, Envizio Pro II, ET Labeled	ET Labeled
2	440000003	1	Ram Mount, Base 3 5/8" SQ.	
3	901000243	4	Washer, Lock 10-32	
4	900002511	4	Capscrew, Button Head 10-32 x 1/2"	
5	440000005	1	Ram Mount, Double Socket	
6	440000002	1	Ram Mount, Base Size C	
	K65000224		Kit, Envizio Pro II Console	
	K65000226		Kit, Console Ready	
	K65000231		Kit, Powerglide Plus AutoBoom	
	K65000232		Kit, Ultraglide AutoBoom	
	K65000233		Kit, Ultraglide w/wheels AutoBoom	
	K65000236		Kit, Ultraglide w/5 eyes AutoBoom	
	K65000237		Kit, Powerglide Plus w/center eye AutoBoom	

Stand Alone AutoBoom

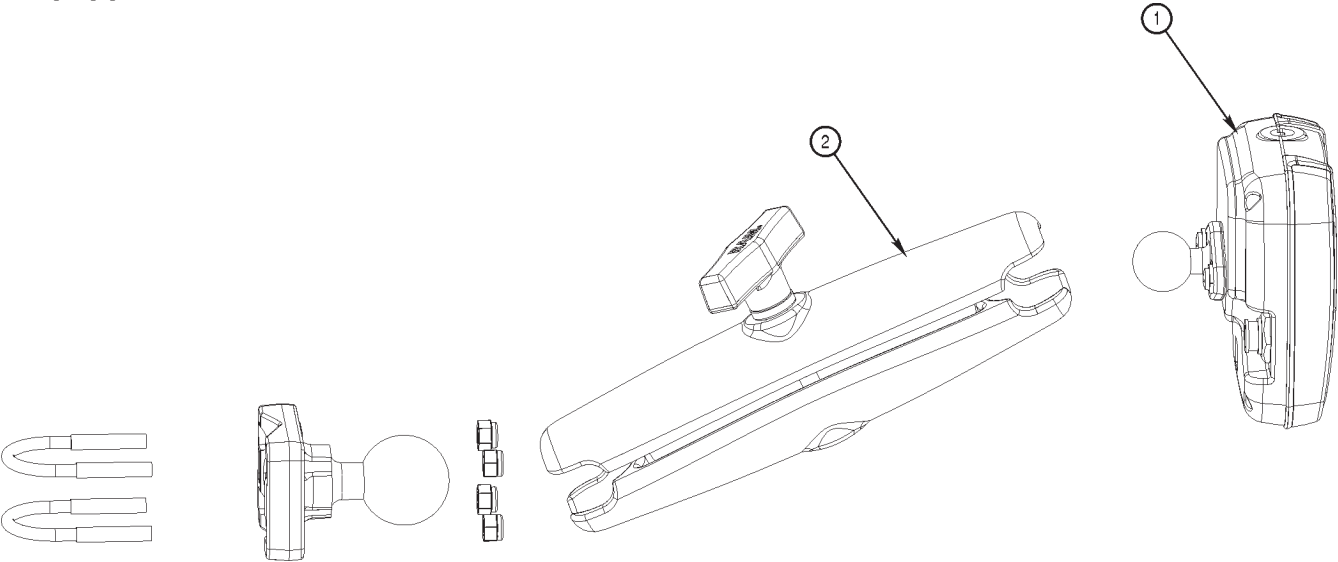
All Equipped Models



Item	Part Number	Qty	Description	Comments
1	7400000159	1	Console, AutoBoom Stand Alone with Ball Mount	
2	440000013	1	RAM Mount Double Socket 1" Ball	
3	440000015	1	RAM 3.3" Dia Suction Cup/Twist Lock with 1" Ball	
	720000001	1	AutoBoom Stand Alone Trimble	Not Shown
	740000158	1	AutoBoom Stand Alone Console Kit	

Trimble Console CFX 750

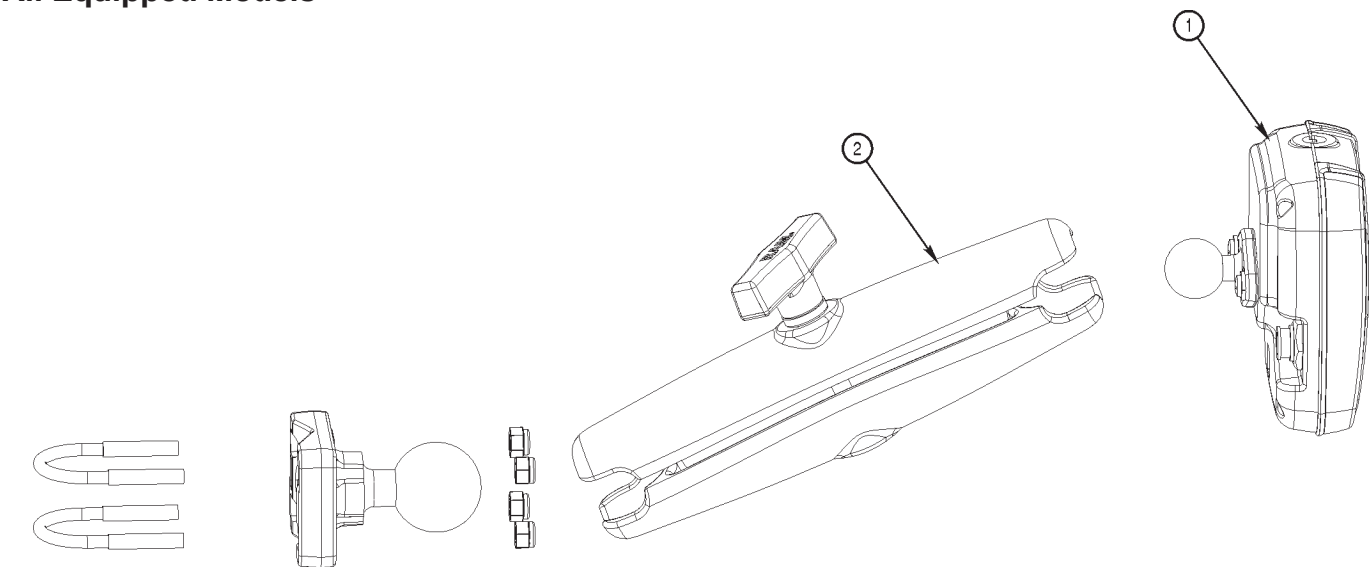
All Equipped Models



Item	Part Number	Qty	Description	Comments
1	740000201	1	Trimble Computer CFX 750	
2	740000202	1	Trimble RAM Mount	Includes Back, Arm, and Base
	744000000	1	Trimble Field IQ Master Switch Box	Not Shown
	744000001	1	Trimble Field IQ Master Switch Box Mounting Bracket	Not Shown (attaches to Computer)
	720000005	1	Harness Trimble Display Field IQ Cab	Not Shown

Trimble Console FmX

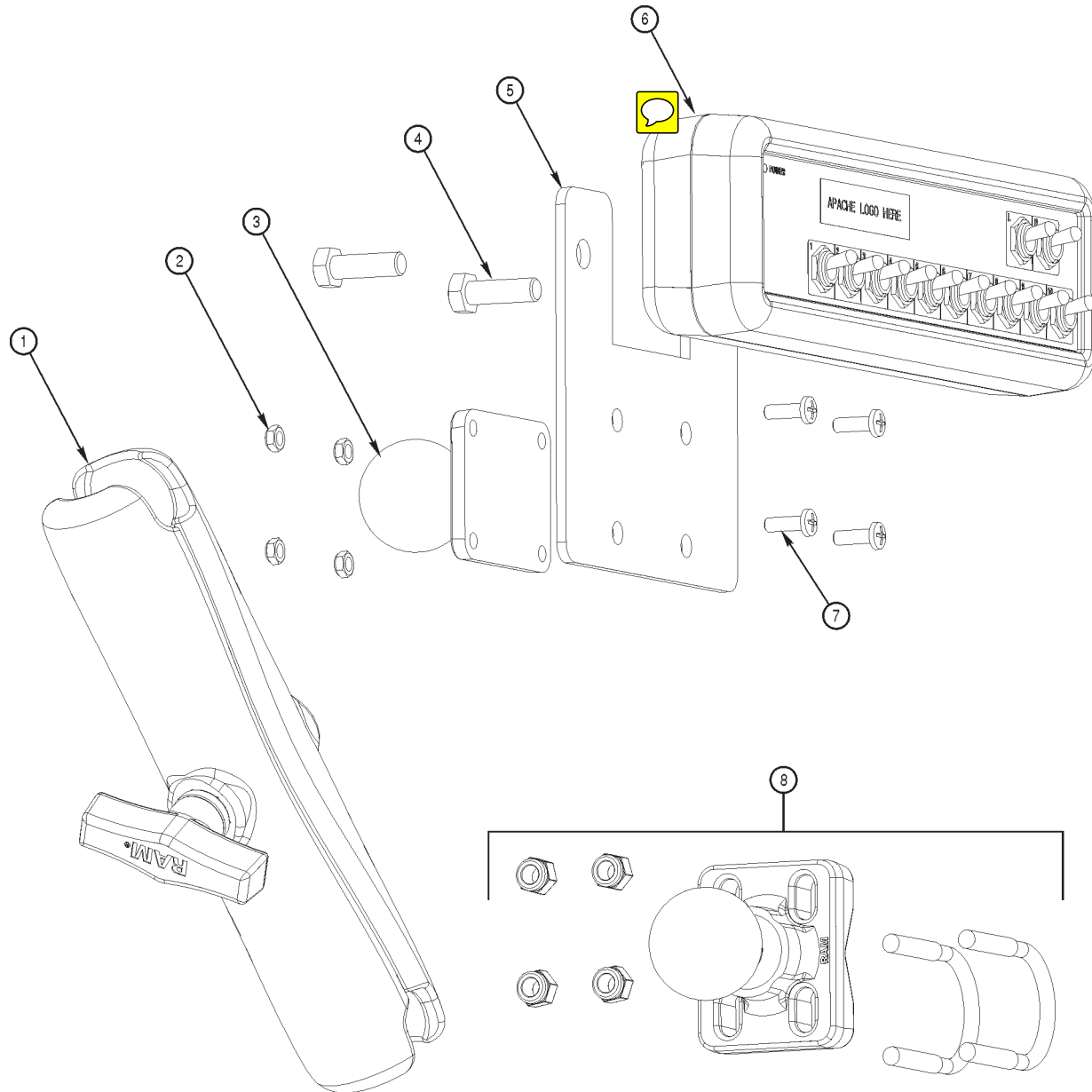
All Equipped Models



Item	Part Number	Qty	Description	Comments
1	740000200	1	Trimble Computer FmX	
2	740000206	1	Trimble FmX RAM Mount	Includes Back, Arm, and Base
	744000000	1	Trimble Field IQ Master Switch Box	Not Shown
	744000001	1	Trimble Field IQ Master Switch Box Mounting Bracket	Not Shown (attaches to Computer)
	720000005	1	Harness Trimble Display Field IQ Cab	Not Shown

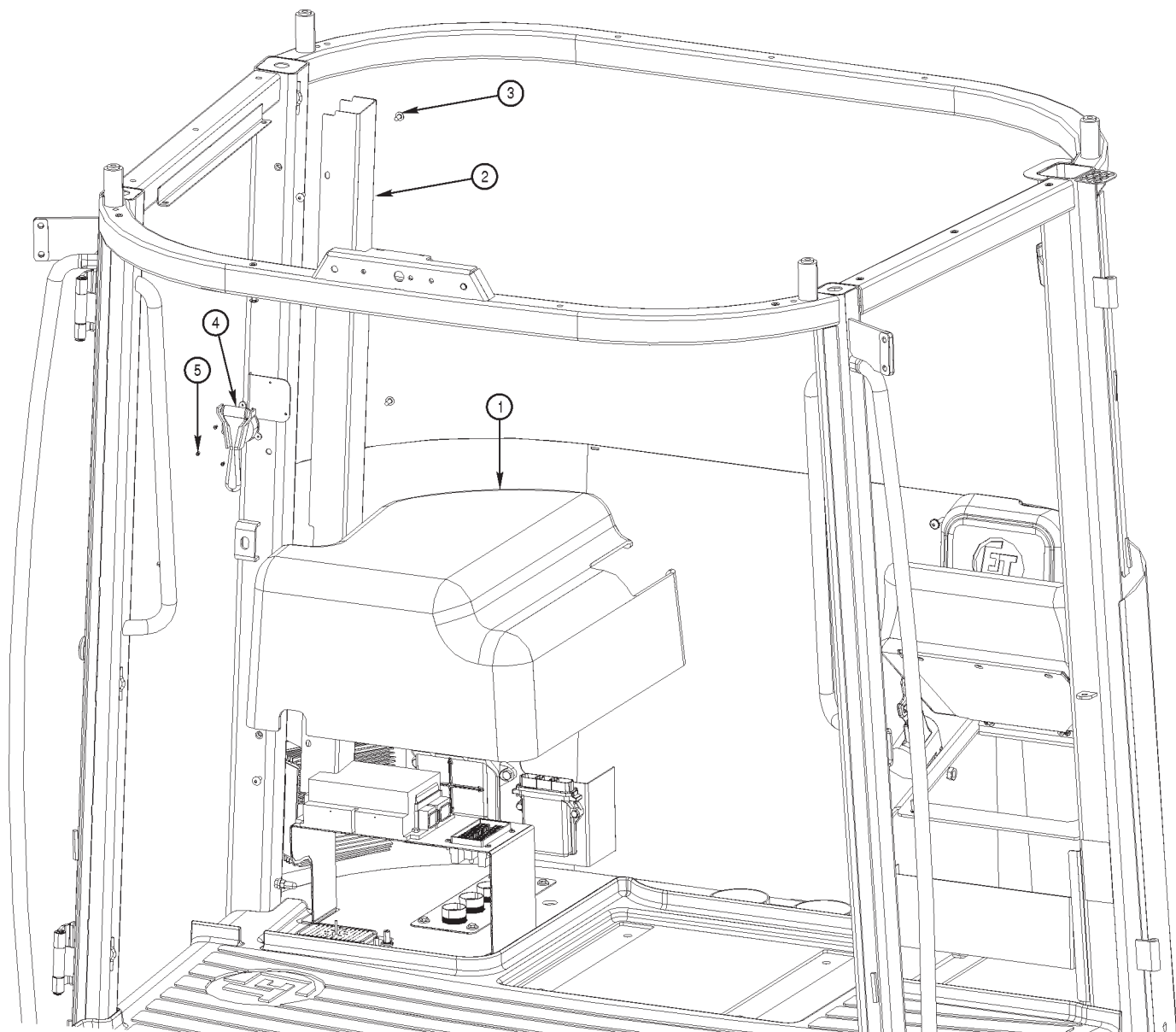
Switches Console Mounting

All Models



Item	Part Number	Qty	Description	Comments
1	440000005	1	Ram Mount, Double	
2	901002900	4	Nut, Nylock 10/32	
3	440000007	1	Ram Mount, Base 2 x 2.5	
4	901100724	2	Bolt, M6 x 1.0 x 10	
5	450000003	1	Mount Plate, Boom Switchbox	
6	420301070	1	Switchbox, 10 Section	
7	900002511	4	Capscrew, Buttonhead 10/32 x 1/2	"
8	440000002	1	Ram Mount, Base Size C	

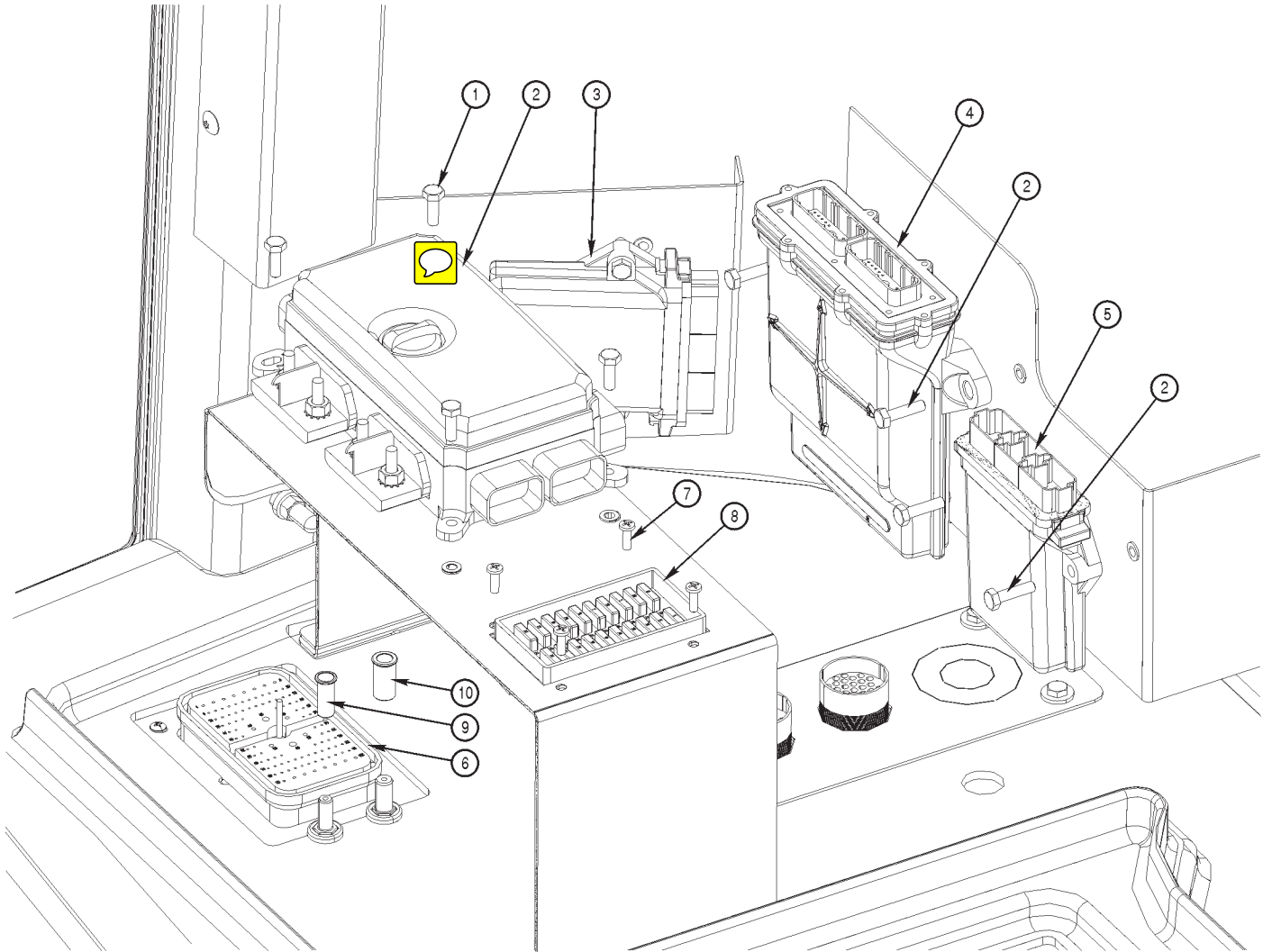
Electrical
All Models



Item	Part Number	Qty	Description	Comments
1	400200094	1	Cover, Electrical Cab	
2	400200173	1	Cover, Harness	
3	400000347	4	Bolt, 1/4-20 x 0.62 Cab	
4	400000612	1	Emergency Exit Hammer w/ cable	
5	400000333	3	Rivet, Window Seal	
	420306047	1	Decal Electrical Cover	Not shown

Electrical (cont.)

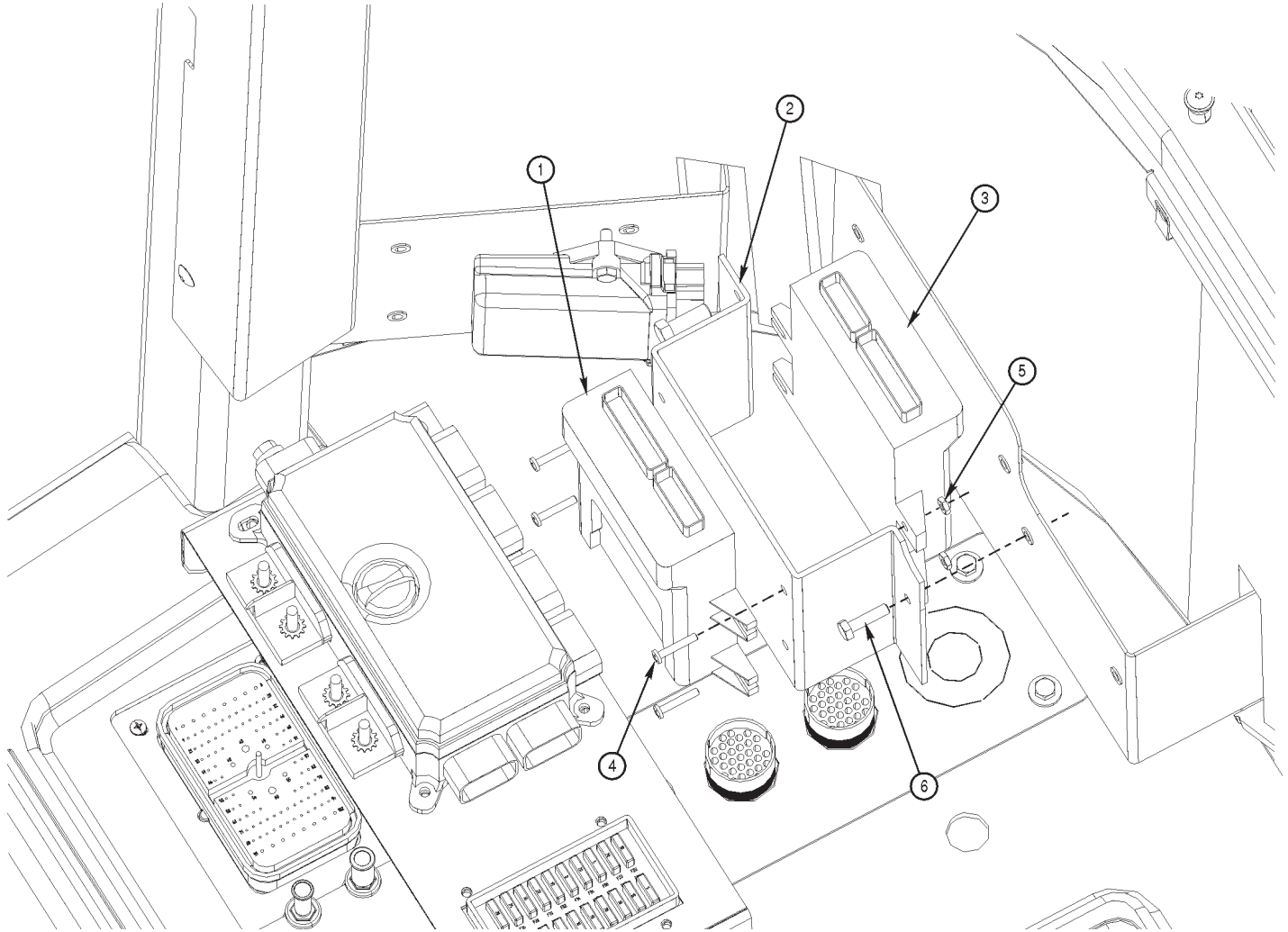
Raven Equipped Models



Item	Part Number	Qty	Description	Comments
1	900002405	10	Bolt, HHCS 1/4-20 x 1 G5 ZP	
2	700100300	1	Fuse Block, Dvec Bussman	
3	750000010	1	12V/24V Voltage Doubler	
4	611000006	1	Node, Can SmarTrax	ET Labeled
5	611000003	1	Node, Can Boom Sense/Speed	ET Labeled
6	700000563	1	Harness, Main	700000564 - Harness , Cab
7	900002511	4	Capscrew, Button Head 10-32 x 1/2"	
8	700100301	1	Fuse Block, RT Bussman	
9	936000003	1	Cap 5/16"	
10	936000002	1	Cap 3/8"	

Electrical (cont.)

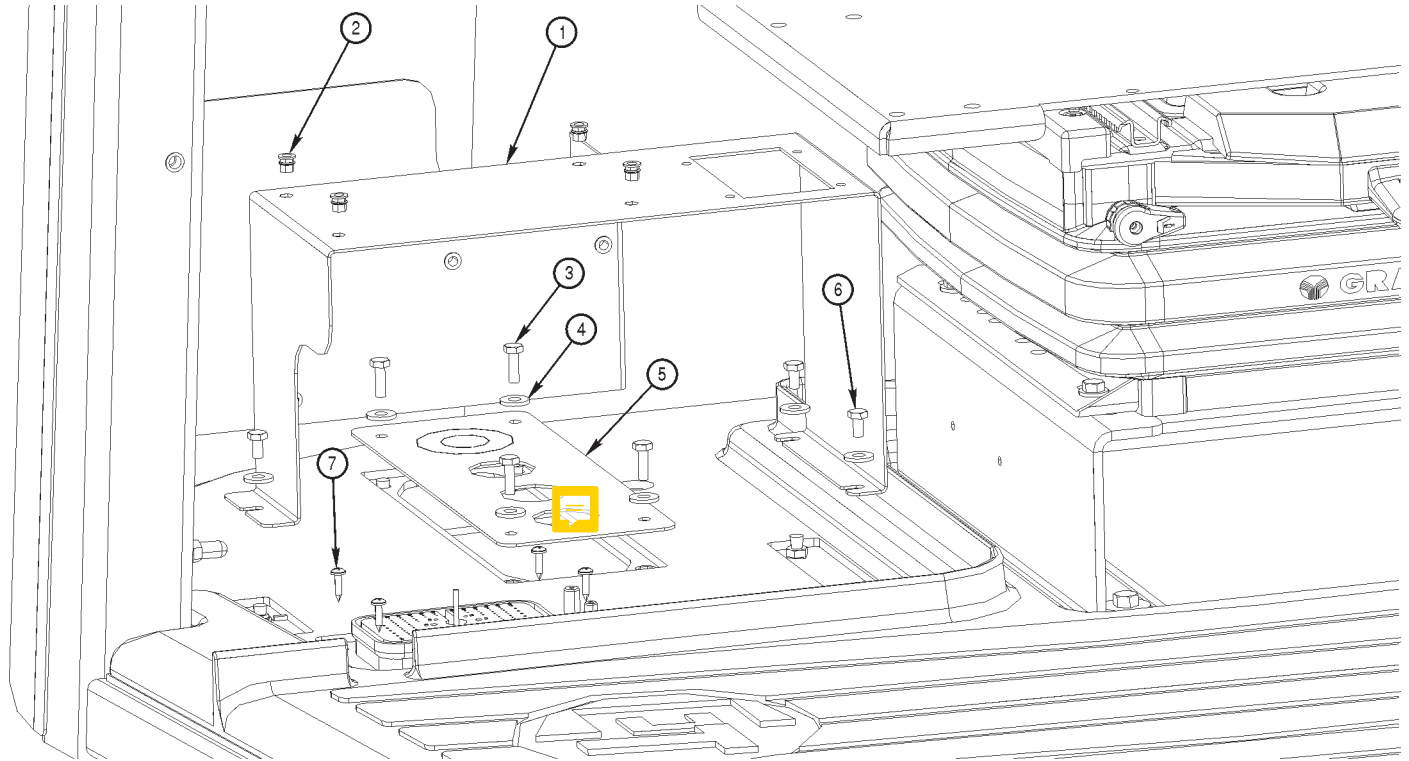
Trimble Equipped Models



Item	Part Number	Qty	Description	Comments
1	740200015	1	Rate & Section Control Mod. TR	
2	744000003	1	Bracket Trimble Node	
3	740200014	1	Field-IQ Signal Input Module 7	
4	903005281	4	Screw PH 6-32 x 1"	
5	903005282	4	Nut 6-32	
6	900002405	2	Bolt HHCS 1/4-20 x 1 G5 ZP	

Electrical (cont.)

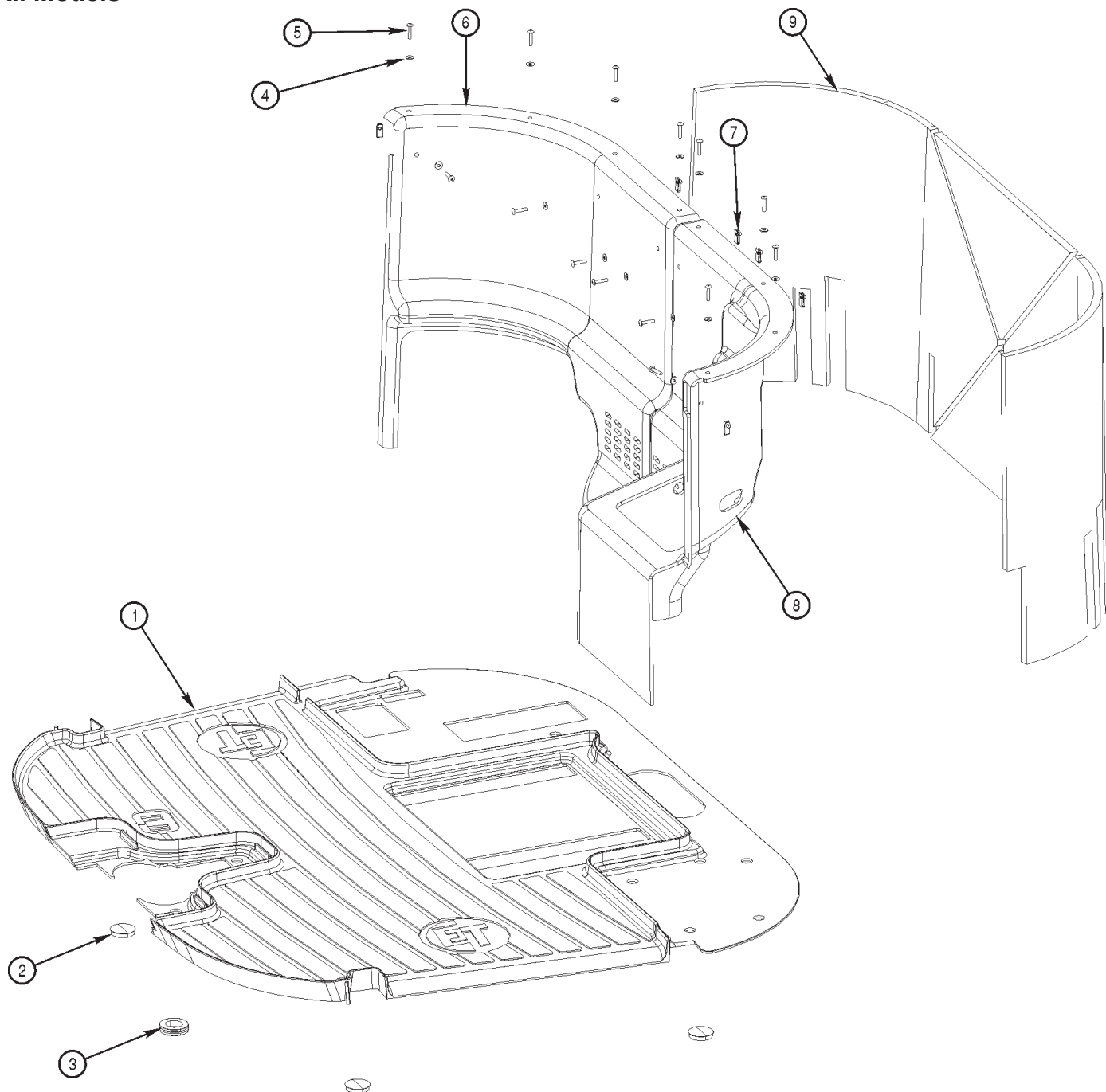
All Models



Item	Part Number	Qty	Description	Comments
1	400200152	1	Bracket, Fuse Block Mounting	
2	400200021	4	Rivnut, 1/4-20 0.305 Cab	
3	400000373	4	Bolt, 1/4-20 x 3/4" Hex G8	
4	400000357	8	Washer, Flat 3/4 Cab	
5	400200151	1	Plate, Harness Connectors	
6	400000827	4	Bolt, 1/4-20 x 0.50, Hex., G8	
7	915001308	4	Screw, #10 x 1" Pan Head Sheet metal	

Floor Mat

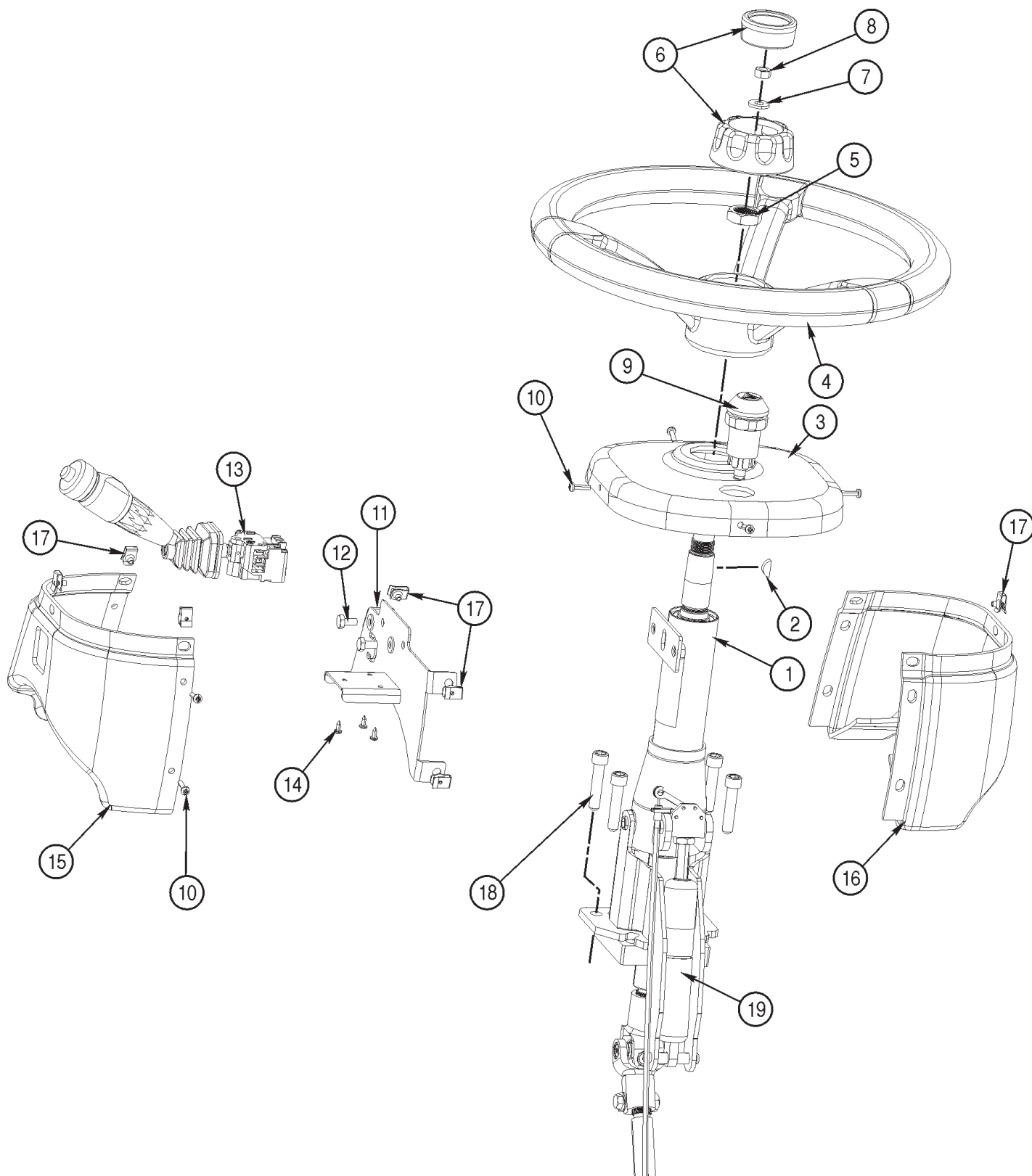
All Models



Item	Part Number	Qty	Description	Comments
1	400200168	1	Mat, Floor	
2	400000338	3	Plug, Round Floor Cab	
3	400000862	1	Grommet, 1.50, 2.00, 2.50, .187, SBR	
4	400000346	26	Washer, Flat 0.260, .680, .062 Black	
5	400000856	14	Bolt, 1/4-20 x 1.25 TRS	
6	400200170	1	Panel, Rear R/H	
7	400200069	6	Nut, 1/4-20 Tin , Cab	
8	400200169	1	Panel, Rear L/H	
9	400200214	1	Assy, Sound Abatement	

Upper Steering Column

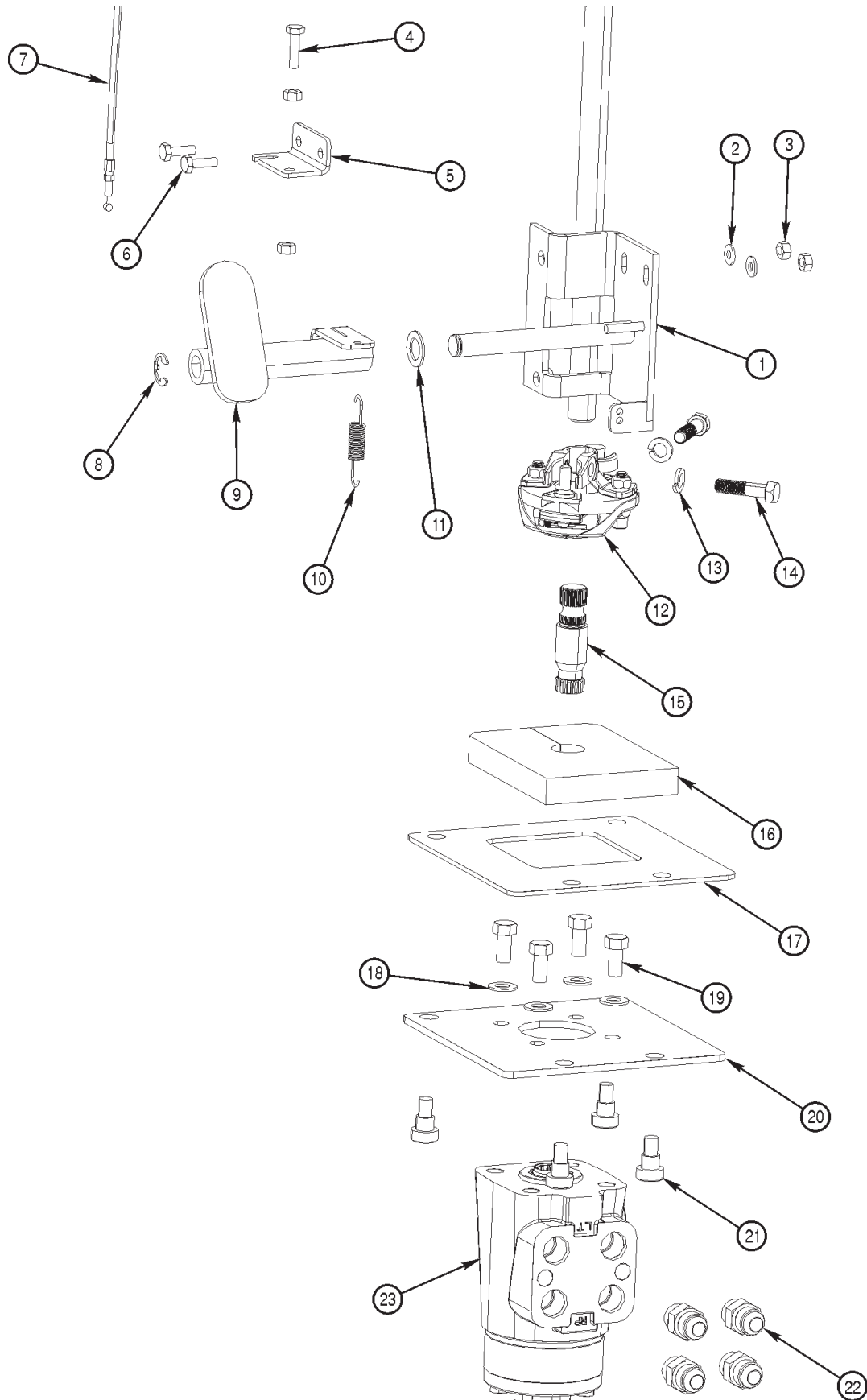
All Models



Item	Part Number	Qty	Description	Comments
1	400200149	1	Column, Tilt/Telescope	
2	400200141	1	Woodruff Key, 5 x 16	
3	400200146	1	Cover, Steering Column Top	
4	400200089	1	Steering Wheel, Padded 380 mm	
5	460000001	1	Nut, Steering Wheel 13/16	
6	400000829	1	Cap, Steering Wheel, Telescope	
7	400000357	1	Washer, 3/4 Flat Cab	
8	400000430	1	Nut, M8 x 1.25 Hex Cab	
9	400200091	1	Switch, Hazard	
10	400000821	8	Bolt, M4 x 0.7 x 16, Pan, PH	
11	400200147	1	Weldment, Column Plastic Mount	
12	400000827	2	Bolt, 0.25-20 x 0.50, Hex, G8	
13	400000828	1	Switch, Column, Turn Signal/Wiper	
14	400000825	3	Screw, #6-18 x 3/8, RND, PH,	
15	400200144	1	Cover, Steering Column L/H	
16	400200145	1	Cover, Steering Column R/H	
17	400000323	8	U-Clip, M4	
18	400200142	4	Bolt, 0.375-16 x 1.75, SKT, HX, G8	
19	460000007	1	Gas Spring Assembly, Column	
	400000801		Assembly, Steering Column	Complete Assembly
	400000890	1	Cable, Steering Column, Tilt	Not shown
	700000532	1	Harness, Steering Column	Not shown

Lower Steering Column

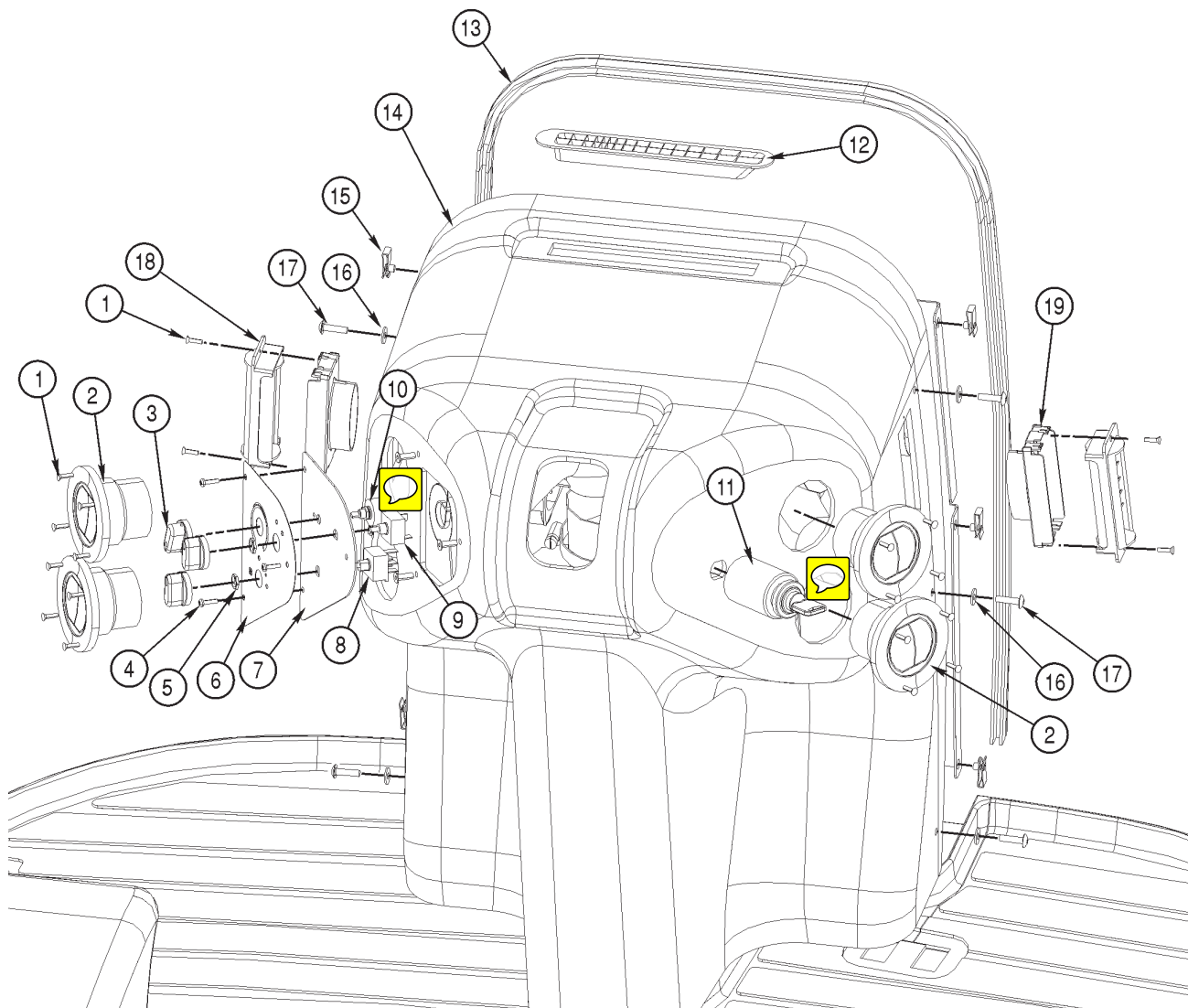
All Models



Item	Part Number	Qty	Description	Comments
1	400200138	1	Weldment, Tilt Pedal Pin	
2	400000826	6	Washer,.251,.565,.060,FLT	
3	400000422	4	Nut, 1/4-20 Hex G8	
4	400200012	1	Bolt, Cab 1/4-20 x 1" G8	
5	400200140	1	Angle, Tilt Cable Adjustment	
6	400000373	4	Bolt, 1/4-20 x 3/4" Hex G8	
7	400000890	1	Cable, Steering Column tilt	
8	400000397	1	Circlip, Cab	
9	400200139	1	Weldment, Tilt Pedal	
10	400000880	1	Spring, Black Tension	
11	400200150	1	Washer, 0.625, 1.00, 0.062, FLT, NY, White	
12	460000018	1	Isolator Assembly, Column	
13	900002806	2	Washer, Lock 3/8	
14	900005564	2	Bolt, HHCS 3/8-24 X 1 1/2 G5 ZP	
15	460000017	1	Adapter Shaft, Column	
16	460000019	1	Isolation Pad, Column	
17	400200148	1	Gasket, Nylon	
18	400000418	4	Washer,.402,.798,.063 BEV	
19	400000691	4	Bolt, Hex 3/8-16 x 3/4 G8	
20	400200143	1	Plate, Steering Pump	
21	400000831	4	Bolt,.375-16 X 0.50, SHL, HX-0.25, G5,	
22	800302445	4	Fitting, 8 FLM X 8 ORM ST	
23A	A00000042	1	Steering Pump, with fittings	
23B	860000005	1	Steering Pump, w/o fittings	

Dash

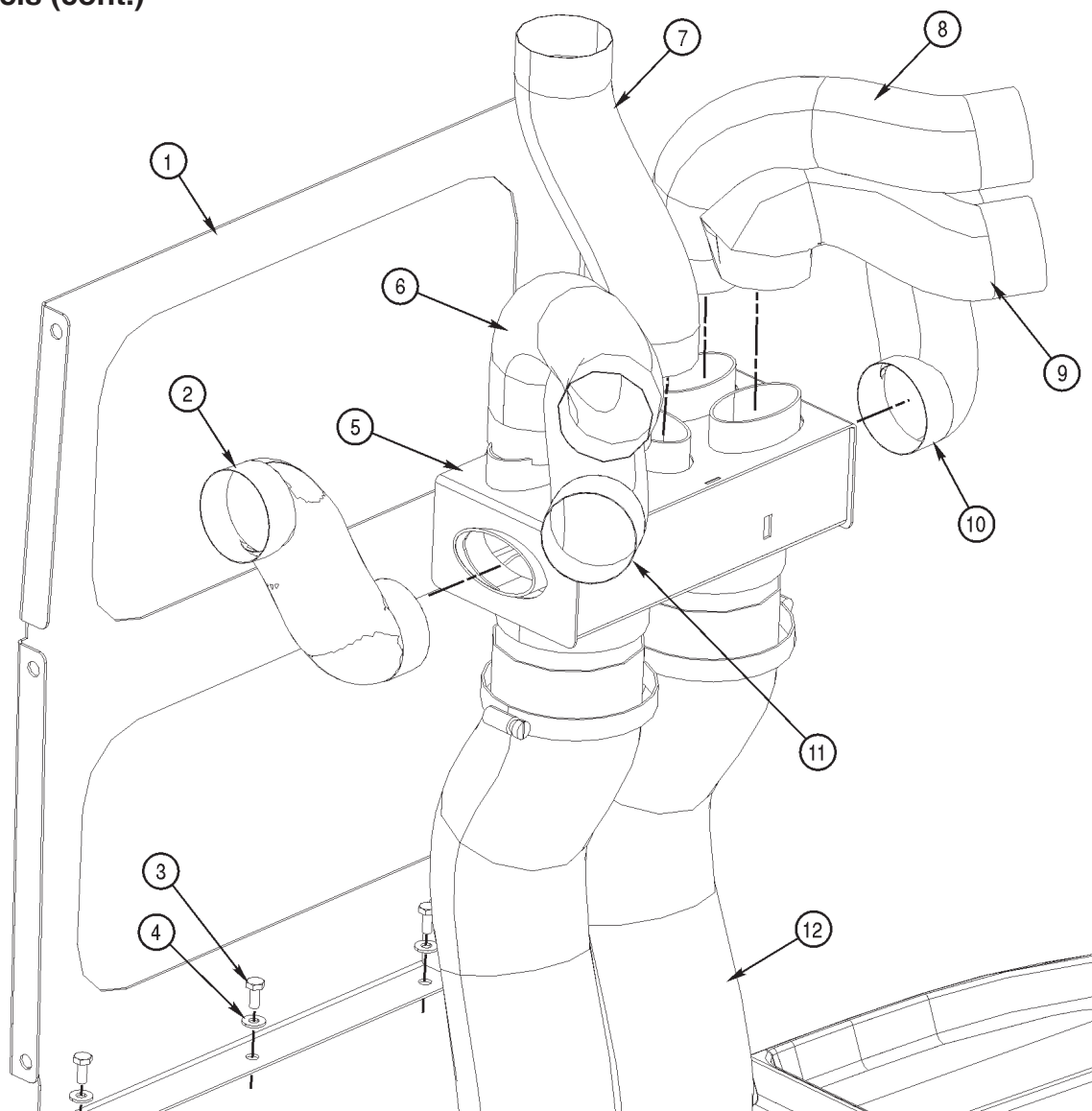
All Models



Item	Part Number	Qty	Description	Comments
1	400000818	20	Screw, M4 x 0.7 x 16 FLT, TR, BZ CNH-A	
2	400000813	4	Louver, 4" Round	
3	400200101	3	Knob, Pointer HVAC Panel	
4	400000821	3	Bolt, M4 x 0.7 x 16, Pan	
5	400200103	3	Nut, Control Panel Switch HVAC	
6	400200100	1	Decal, Controls Fan/AC/Heat HVAC Panel	
7	400200104	1	Bracket, Control Panel HVAC	
8	400000531	1	Switch, 3 - Speed	
9	400200102	1	Switch, Rotary, 2 post HVAC Panel	
10	400200099	1	Switch, Potentiometer HVAC Panel	
11	400200087	1	Keyswitch, Steering Column	
12	400000603	1	Louver, 1.06" x 8.57" Fixed Vain	
13	400200136	1	Seal, Dash	
14	400200137	1	Assembly, Dash	
15	400200069	6	Nut, 1/4-20 Tin, Cab	
16	400000346	6	Washer, Flat Cab	
17	400000362	6	Bolt, 1/4-20 x 1" Cab	
18	400000815	2	Louver, 49 mm x 121 mm	
19	400000817	2	Hose Adapter, Rect Louver	
	400000811		Control Panel Assembly	Includes Item 3 and Items 5 through 10.

Dash (cont.)

All Models (cont.)

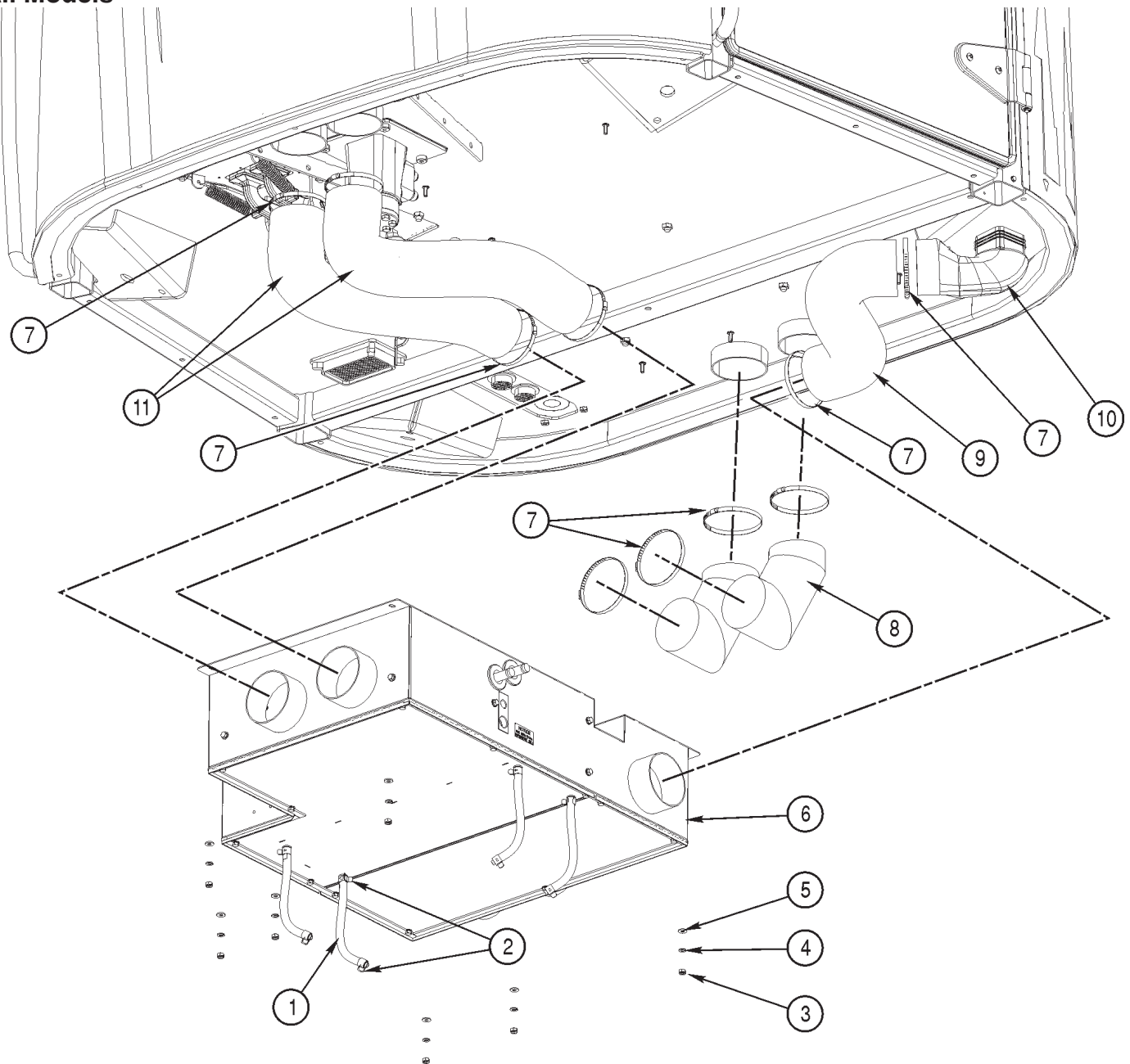


Item	Part Number	Qty	Description	Comments
1	400200135	1	Plate, Dash Mounting	
2	400000819	0.85'	Hose, Flex 2.5 ID	Sold per foot
3	400000822	3	Bolt, 1/4 -20 x 0.63, Hex, G8,	
4	400000823	3	Washer, Flat 0.281, 0.625, 0.062	
5	400000814	1	Adapter, 2 1/2" Hose, Oval	
6	400000819	1.3'	Hose, Flex 2.5 ID	Sold per foot
7	400000819	1.25'	Hose, Flex 2.5 ID	Sold per foot
8	400000819	1.3'	Hose, Flex 2.5 ID	Sold per foot
9	400000819	1.2'	Hose, Flex 2.5 ID	Sold per foot
10	400000819	0.85'	Hose, Flex 2.5 ID	Sold per foot
11	400000819	1.2'	Hose, Flex 2.5 ID	Sold per foot
12	420100100	2'	Hose, 4" ID Flex, Woven Fiberglass	Sold per foot
13	400000816	4	Clamp, Hose Worm 3-5"	

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HVAC

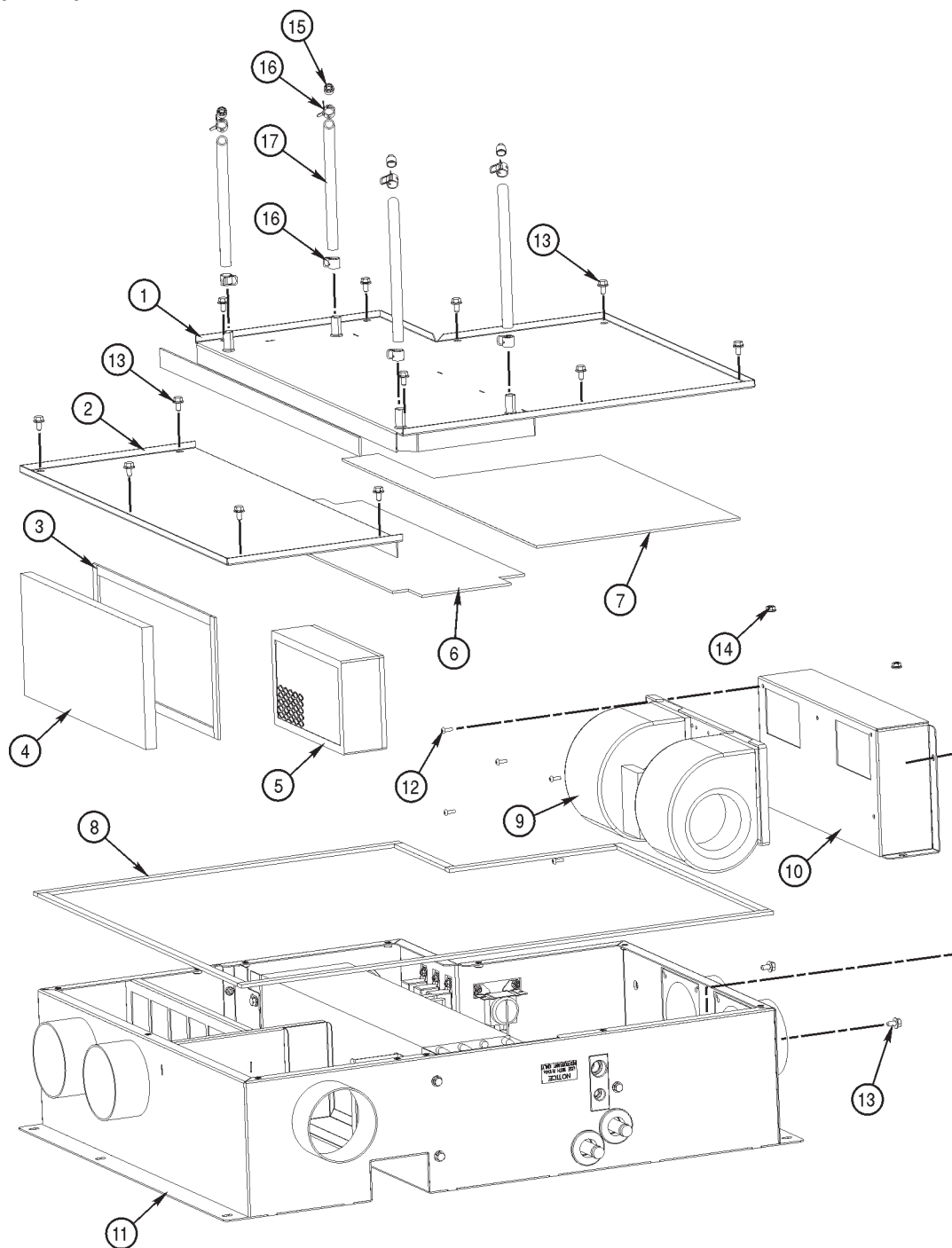
All Models



Item	Part Number	Qty	Description	Comments
1	400000896	4	Hose, Drain HVAC	
2	400000897	8	Clamp, Spring Drain Hose HVAC	
3	901003002	7	Nut, Finished Hex 1/4-20	
4	902201085	7	Washer, Lock 1/4" ZP	
5	902003035	7	Washer, Flat 1/4" ZP	
6	400000810	1	Assembly, HVAC	Complete Assembly
7	915001305	10	Clamp, Screw #064 64-114 mm	
8	420100100	1	Hose, 4" ID Flex	1 ft
9	420100100	2	Hose, 4" ID Flex	1 ft
10	400000824	1	Adapter, Fresh Air	
11	420100100	2	Hose, 4" ID Flex	2 ft

HVAC (cont.)

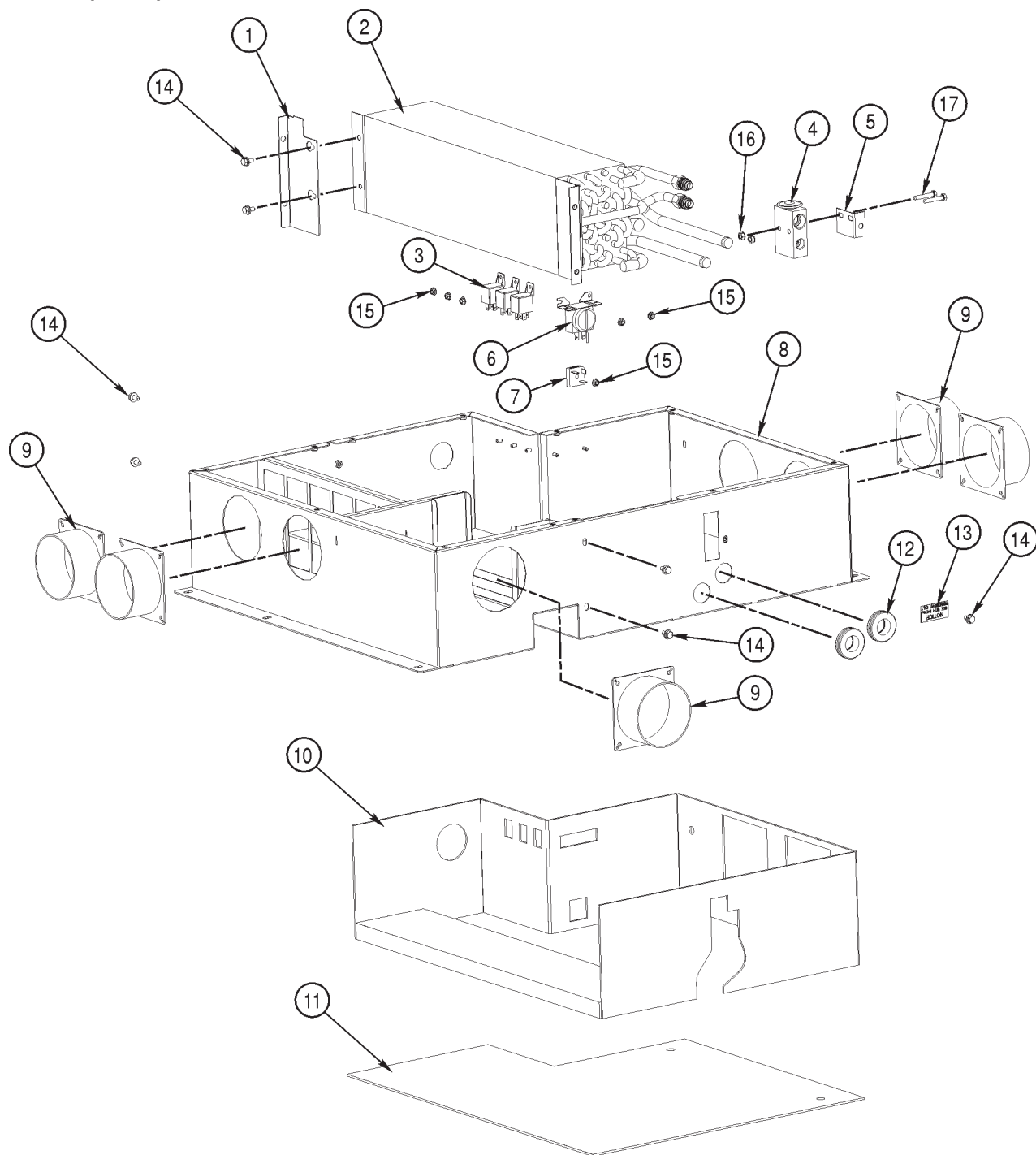
All Models (cont.)



Item	Part Number	Qty	Description	Comments
1	400200124	1	Weldment, Housing Cover HVAC	
2	400200133	1	Cover, Filter HVAC	
3	400000900	40.5"	Tape, Dual Lock, Filter HVAC	
4	490006661	1	Filter, Cab Recirculating	
5	490003651	1	Filter, Cab Charcoal	
6	400200127	1	Foam Panel, Drain Pan HVAC	
7	400200132	1	Foam Panel, Cover HVAC	
8	490100000	20.96"	Sponge Rub 1" W x 1/4" TK 50	
9	400200108	1	Blower, HVAC	
10	400200125	1	Weldment, Blower Mount HVAC	
11	400200123	1	Weldment, Main Housing HVAC	
12	400200120	5	Screw, PH M4 x 0.70 x 12 Phillips HVAC	
13	400200116	21	Bolt, HHCS M6 x 1.0 x 12 HVAC	
14	400200117	2	Nut, Hex Flange M6 x 1.0 HVAC	
15	400000898	4	Reducer, Condensate HVAC	
16	400000897	8	Clamp, Spring Drain Hose HVAC	
17	400000896	4	Hose, Drain HVAC	1 ft
	K65000190		Kit, Cab Filters	
	400000810		Assembly, HVAC	Complete Assembly

HVAC (cont.)

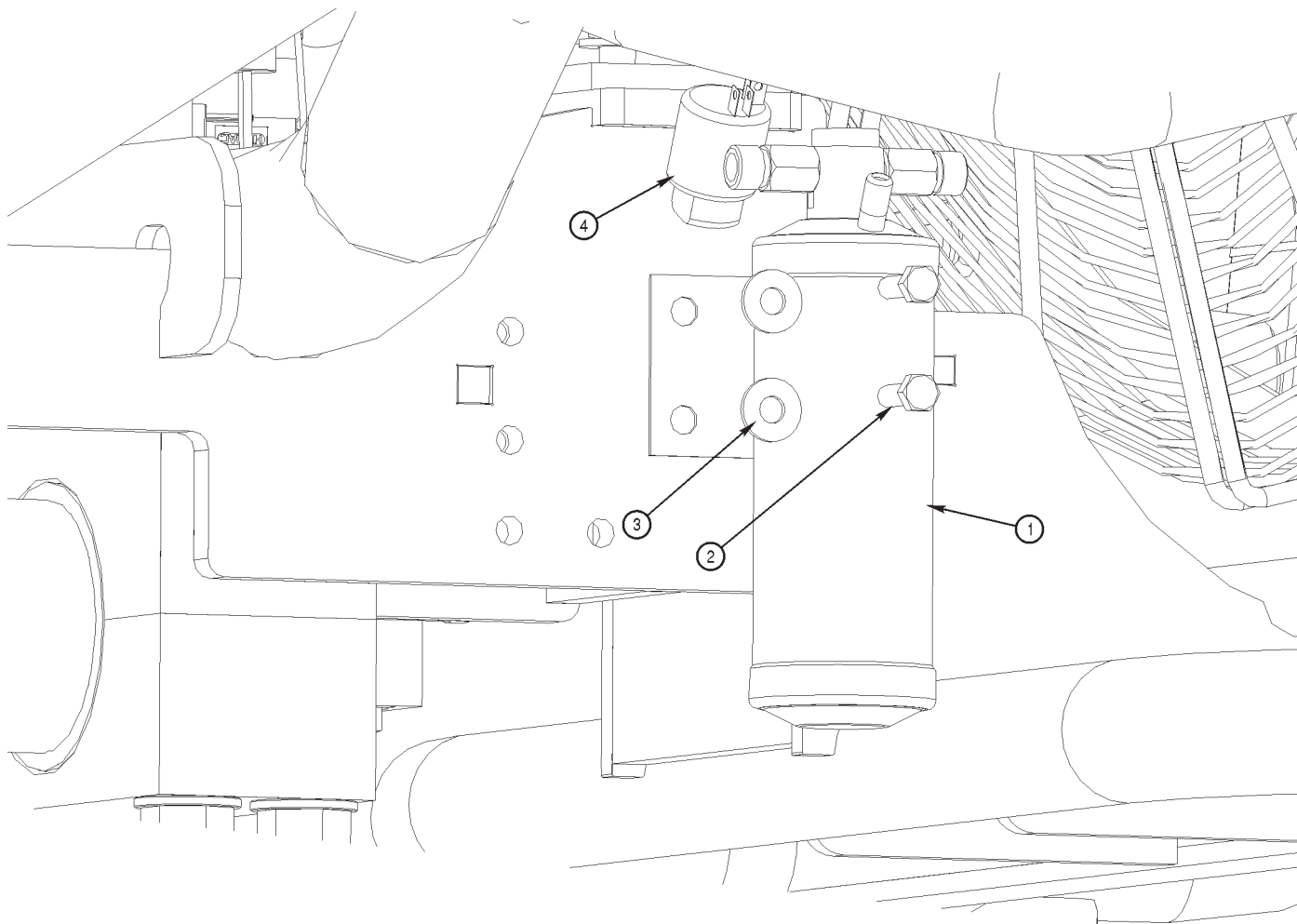
All Models (cont.)



Item	Part Number	Qty	Description	Comments
1	400200122	1	Weldment, Bracket, Coil Mount HVAC	
2	400200106	1	Coil, HVAC	
3	400200105	3	Relay, 12 Volt with Bracket and Resistor HVAC	
4	400200113	1	Valve, Block TXV, R134a HVAC	
5	400200126	1	Weldment, TXV Mount HVAC	
6	400200114	1	Switch, Thermostat HVAC	
7	400200110	1	Diode, Isolator, Sleeper Fan HVAC	
8	400200123	1	Weldment, Main Housing HVAC	
9	400200109	5	Adapter, Flex hose 4" HVAC	
10A	400200130	1	Foam Panel, Side #1 HVAC	
10B	400200129	1	Foam Panel, Side #2 HVAC	
10C	400200128	1	Foam Panel, 1.00 x 5.00 x 25.00 HVAC	
10D	400200127	1	Foam Panel, Drain Pan HVAC	
10E	400200132	1	Foam Panel, Cover HVAC	
11	400200131	1	Foam Panel, Bottom HVAC	
12	400200107	2	Grommet, Rubber HVAC	
13	400200111	1	Decal, " Notice, R134A Refrigerant Only" HVAC	
14	400200116	21	Bolt, HHCS M6 x 1.0 x 12 HVAC	
15	400200118	6	Nut, Hex, Flange M05 x 0.80 HVAC	
16	400200121	2	Nut, Hex, Keps M6 x 1.0 HVAC	
17	400200119	2	Bolt, HHCS M6 x 1.0 x 35 HVAC	

AC Dryer Mounting

All Models

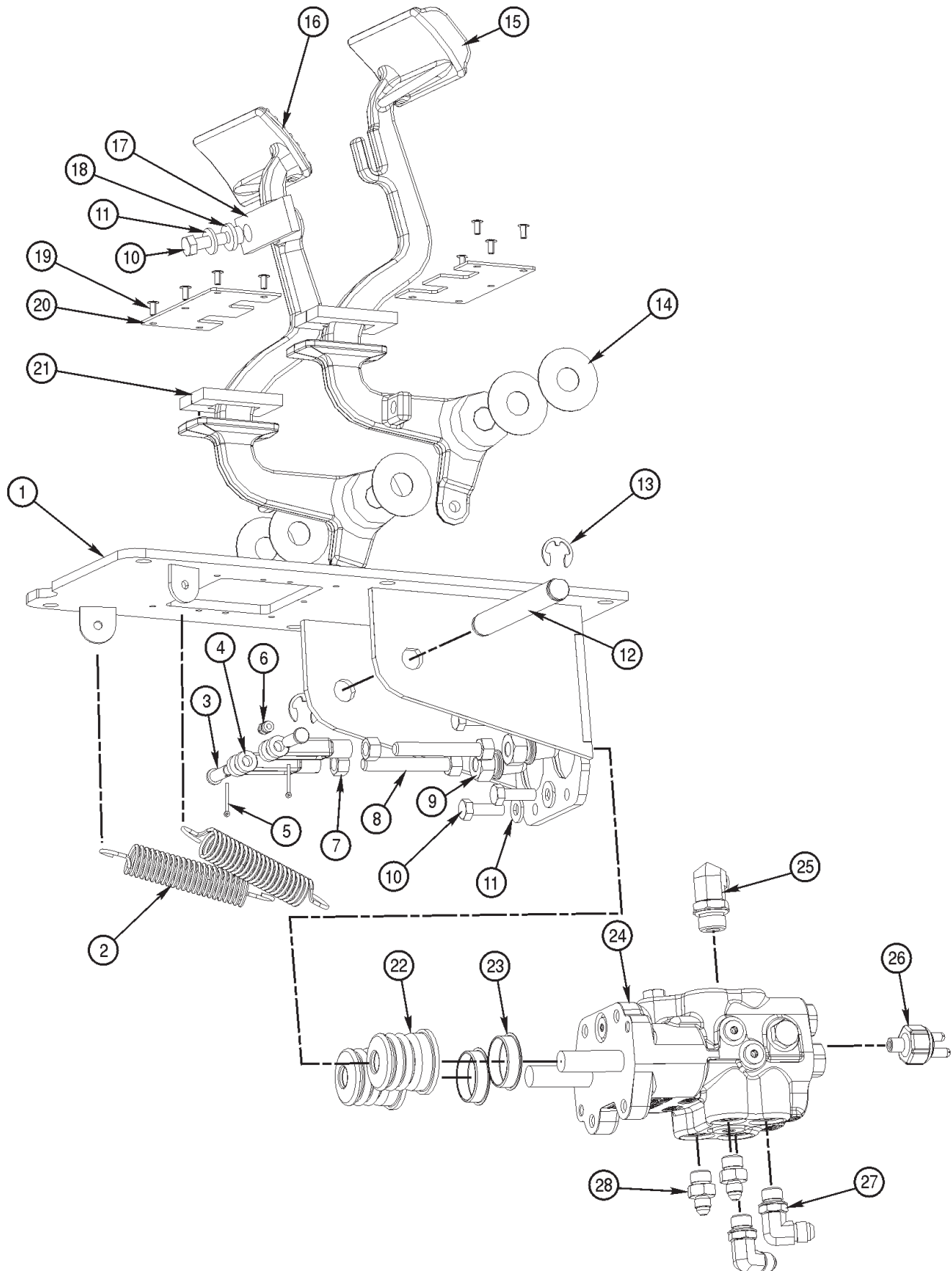


Item	Part Number	Qty	Description	Comments
1	420120500	1	Drier, A/C	
2	900002610	2	Bolt, HHCS 5/16-18 X 1 G5 ZP	
3	902003195	2	Washer, Flat 5/16 G5 ZP	
4	420120002	1	Switch, A/C Pressure Trinary	
	901003010	2	Nut, Nylock 5/16-18 ZP	Not shown

NOTES

Brake Pedals

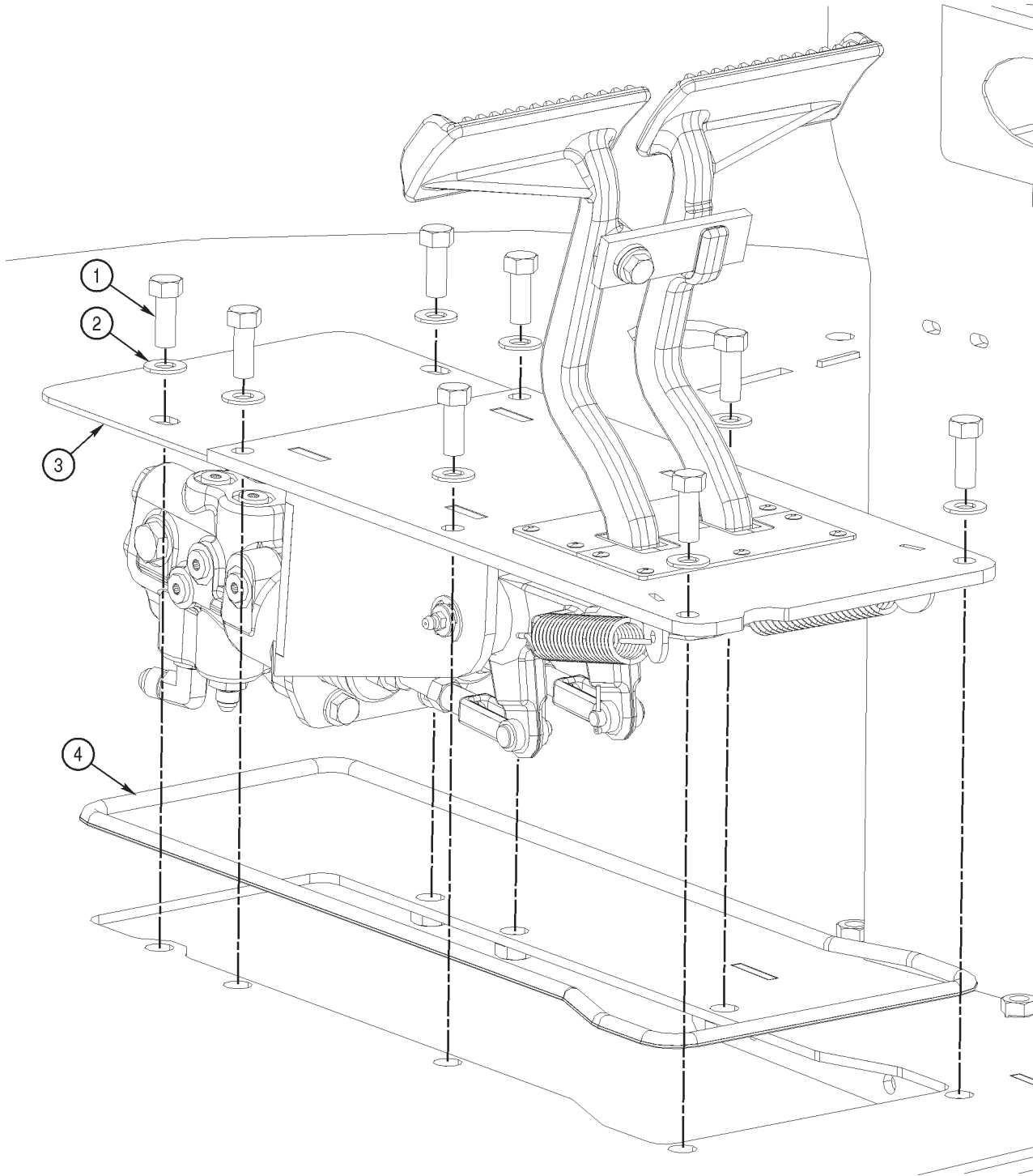
All Models



Item	Part Number	Qty	Description	Comments
1	400200209	1	Weldment, Brake Plate	
2	400000398	2	Spring, Extension Brake	
3	400000851	2	Pin,Clevis, 0.311 OD x 0.832LG,YZ	
4	400000852	2	Clevis End, 0.375-24, 0.313 Pin	
5	400000665	2	Pin, Cotter 2 x 20	
6	400200036	1	Zerk, 1/4-28 Grease, Cab	
7	400200035	4	Nut, Jam 0.38-24, Cab	
8	400200211	2	Threaded Rod, Brake	
9	400200038	2	Pushrod, Brakes	
10	400000659	5	Bolt, Hex M8 x 1.25 x 25 Cab	
11	400000674	5	Washer, Bev 8, 18, 1.4 Cab	
12	400200041	1	Pin, Grooved, Cab	
13	400000397	2	Circlip, Cab	
14	400000656	5	Washer, Flat 17, 45, 1 Cab	
15	400200206	1	Pedal, Left	
16	400200207	1	Pedal, Right	
17	400200049	1	Plate, Brake Lock	
18	400200042	1	Spacer, Brake Lock	
19	400000663	10	Rivet, 4 x 8.6 Cab	
20	400200208	2	Plate, Brake Opening	
21	400000661	2	Seal, Around Brake Pedal	
22	400200210	2	Boot, Brake	
23	400200043	2	Boot Retainer, Brake	
24	400200078	1	Master Cylinder, Brake	Master Cylinder Repair Kit P/N 400200215
25	800404230	1	Fitting, 8 FLM x 8 ORM 90	
26	700020101	1	Switch, Brake Pressure	
27	800404215	2	Fitting, 6 FLM x 6 ORM 90	
28	800302236	2	Fitting, 4 FLM x 6 ORM ST	

Brake Pedals (cont.)

All Models (cont.)

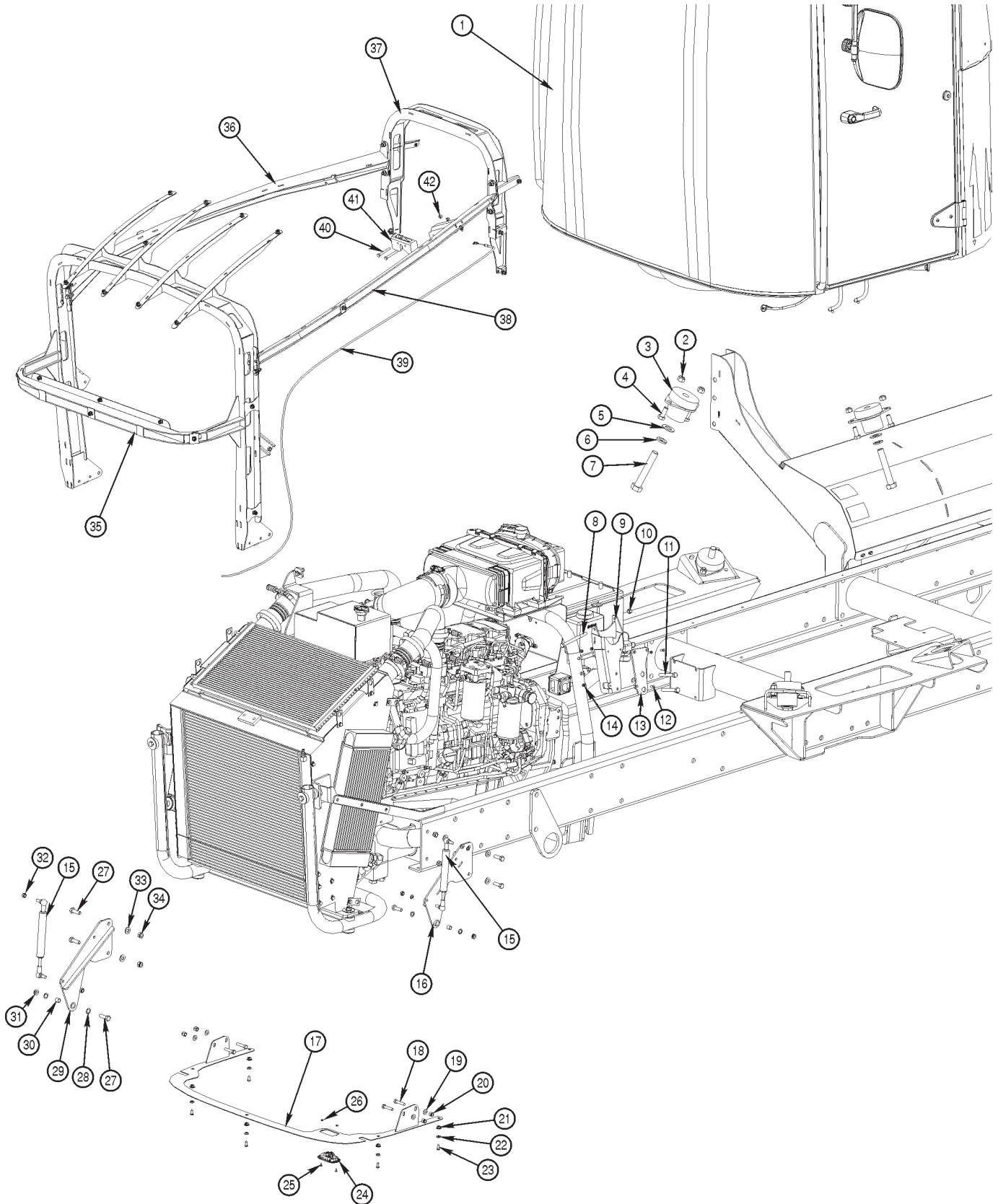


Item	Part Number	Qty	Description	Comments
1	400000416	8	Bolt, 3/8-16 x 1" Hex G8 CAB	
2	400000418	8	Washer, 3/8-16 Flat CAB	
3	400200157	1	Plate, Brake Cover	
4	400200050	1	Seal, Brake Plate, Cab	

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Cab Mounting and Hood Structure

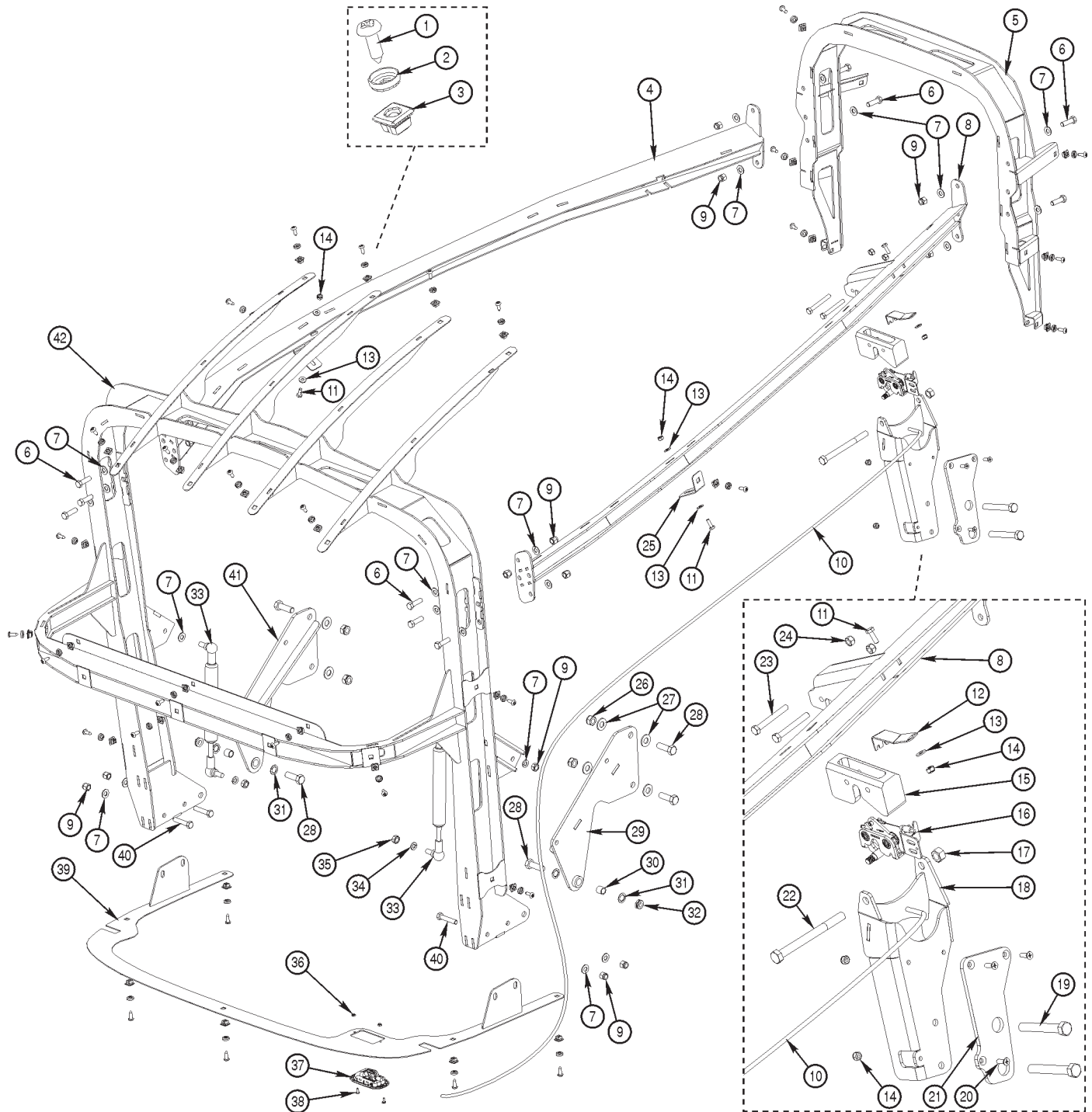
All Models



Item	Part Number	Qty	Description	Comments
1	400000802	1	Cab Assembly, Angus Palm 2012	
2	901003060	8	Nut, Nylock 5/8-11 ZP	
3	490002645	4	Isolator, Cab	
4	900003665	8	Bolt HHCS 5/8-11 x 1 1/2 G5 AZP	
5	900004386	4	Washer, Flat 1-8	
6	900004387	4	Washer, Lock 1-8	
7	900004385	4	Bolt, HHCS 1-8 x 6 G5 ZP	
8	930000000	1	Bolt M12 x 1.75 G10.9	
9	450000025	1	Hood Support LH Rear	
10	901100466	1	Nut, M12 X 1.75	
11	900002865	2	Bolt HHCS 3/8-16 X 3 G5 ZP	
12	900000020	3	Screw Phil Sunk 1/4 x 3/4	
13	450000036	1	UHMW Pad Hood Support LH	
14	901003000	3	Nut Nylock 1/4-20 ZP	
15	450000037	2	Tension Gas Spring	
16	150000001	1	Hood Hinge Frame LH	
17	450000019	1	Hood Bottom Frame	
18	900002840	4	Bolt HHCS 3/8-16 x 1/ 3/4 G5 ZP	
19	902003200	4	Washer Flat 3/8 G5 ZP	
20	901003020	4	Nut, Nylock 3/8-16	
21	901100001	5	Nut, License Plate Nylon #14	
22	902351001	5	Washer, Black Cup	
23	915001309	5	Screw, #14 x 1" Pan Head Truss Salt Bath	
24	450000038	1	Actuator, Paddle	
25	903005283	2	Screw Phil PH 6-32 x 1/2"	
26	931000001	2	Nut, Nylock 6-32	
27	900003245	6	Bolt HHCS 1/2-13 x 1 1/2 G5 ZP	
28	931000000	4	Washer 1/2" Internal Tooth	
29	150000000	1	Hood Hinge Frame RH	
30	450000023	2	Bushing, .50" x .625" x .563"	
31	901003041	2	Nut Nylock Jam 1/3-13	
32	901100736	4	Nut, Hex M10 x 1.5	
33	902003210	8	Washer Flat 1/2 G5 ZP	
34	901003040	4	Nut Nylock 1/2-13 ZP	
35	450000015	1	Hood Front Frame	
36	450000017	1	Hood RH Frame	
37	450000016	1	Hood Back Frame	
38	450000018	1	Hood LH Frame	
39	450000033	1	Cable Push Pool Hood 2013	
40	900000613	2	Bolt HHCS 5/16-18 x 2 1/2	
41	450000028	1	UHMW Hood Catch Block	
42	901003010	2	Nut Nylock 5/16	

Cab Mounting and Hood Structure (cont.)

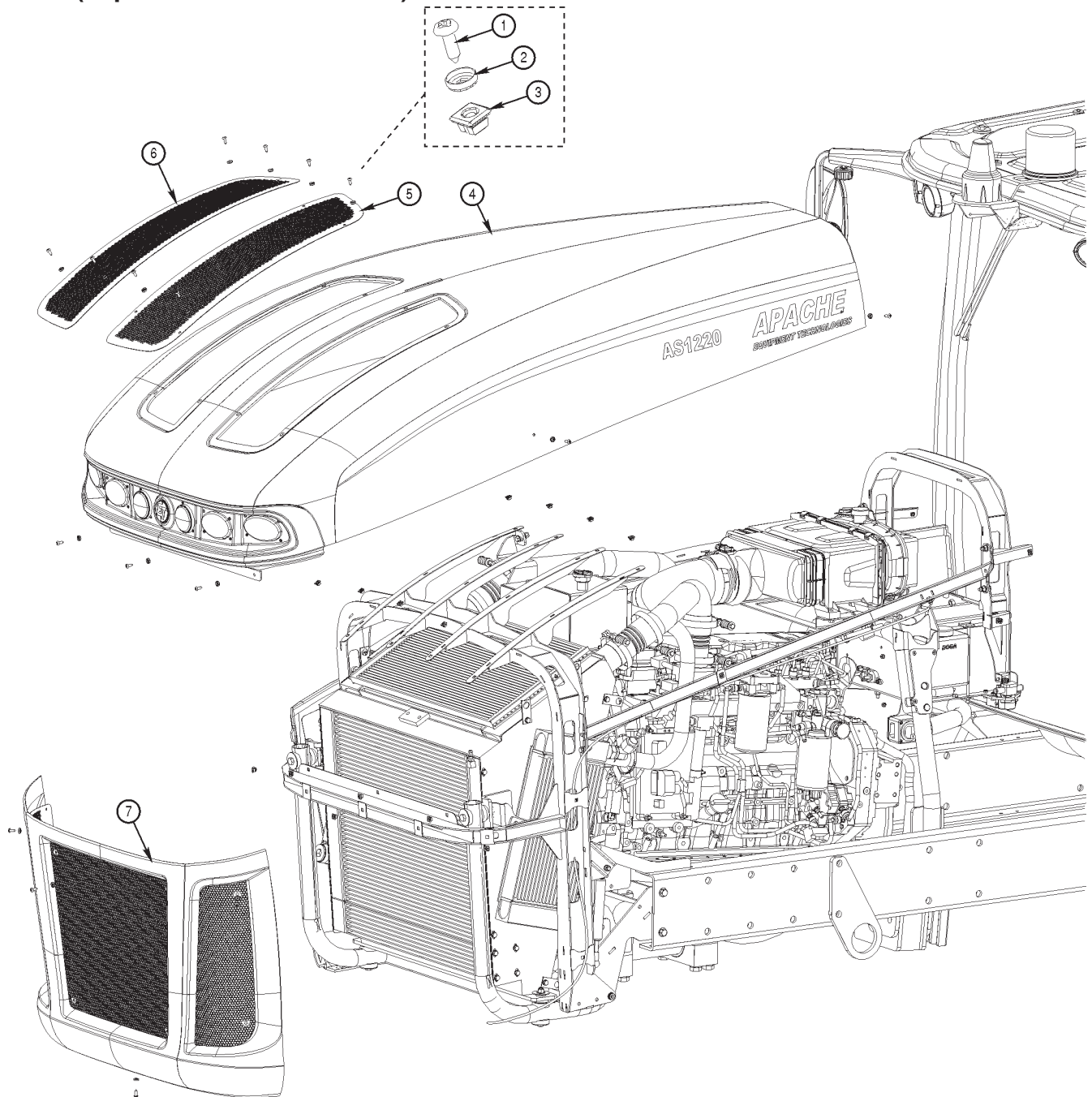
All Models (cont.)



Item	Part Number	Qty	Description	Comments
1	915001309	31	Screw, #14 x 1" Pan Head Truss Salt Bath	
2	902351001	31	Washer, Black Cup	
3	901100001	31	Nut, License Plate Nylon #14	
4	450000017	1	Hood RH Frame	
5	450000016	1	Hood Back Frame	
6	900002825	10	Bolt HHCS 3/8-16 x 1 1/4	
7	902003200	22	Washer Flat 3/8 G5 ZP	
8	450000018	1	Hood LH Frame	
9	901003020	14	Nut, Nylock 3/8-16 G5 ZP	
10	450000033	1	Cable Push Pool Hood 2013	
11	900002405	3	Bolt HHCS 1/4-20 x 1	
12	450000029	1	Retainer Push Pull Cable, 2013	
13	902003035	5	Washer Flat 1/4 G5 ZP	
14	901003000	5	Nut Nylock 1/4-20 ZP	
15	450000028		UHMW Hood Catch Block	
16	450000034	1	Retainer Clip Push Pull	Includes Single Stage Latch, P/N 450000031
17	901100466	1	Nut M12 x 1.75 G10.9	
18	450000025	1	Hood Support LH Rear	
19	900002865	2	Bolt HHCS 3/8-16 x 3	
20	900000020	3	Screw Phil Sunk 1/4 x 3/4	
21	450000036	1	UHMW Pad Hood Support LH	
22	930000000	1	Bolt M12 x 1.75 x 140	
23	900000613	2	Bolt HHCS 5/16-18 x 2 1/2	
24	901003010	2	Nut Nylock 5/16-18 G5 ZP	
25	450000005	2	Hood Bracket Top	
26	901003040	4	Nut Nylock 1/2-13 ZP	
27	902003210	8	Washer Flat 1/2 G5 ZP	
28	900003245	6	Bolt HHCS 1/2-13 x 1 1/2 G5 ZP	
29	150000001	1	Hood Hinge Frame LH	
30	450000023	2	Bushing, 0.50" x 0.625" x 0.563"	
31	931000000	4	Washer 1/2" Internal Tooth	
32	901003041	2	Nut Nylock Jam 1/3-13	
33	450000037	2	Tension Gas Spring	
34	902201090	4	Washer Lock 3/8 ZP	
35	401100736	4	Nut, Hex M10 x 1.75	
36	931000001	2	Nut, Nylock 6-32	
37	450000038	1	Actuator, Paddle	
38	903005283	2	Screw, Phil PH 6-32 x 1	
39	450000019	1	Hood Bottom Frame	
40	900002840	4	Bolt HHCS 3/8-16 x 1 3/4 G5 ZP	
41	150000000	1	Hood Hinge Frame RH	
42	450000015	1	Hood Front Frame	

Hood

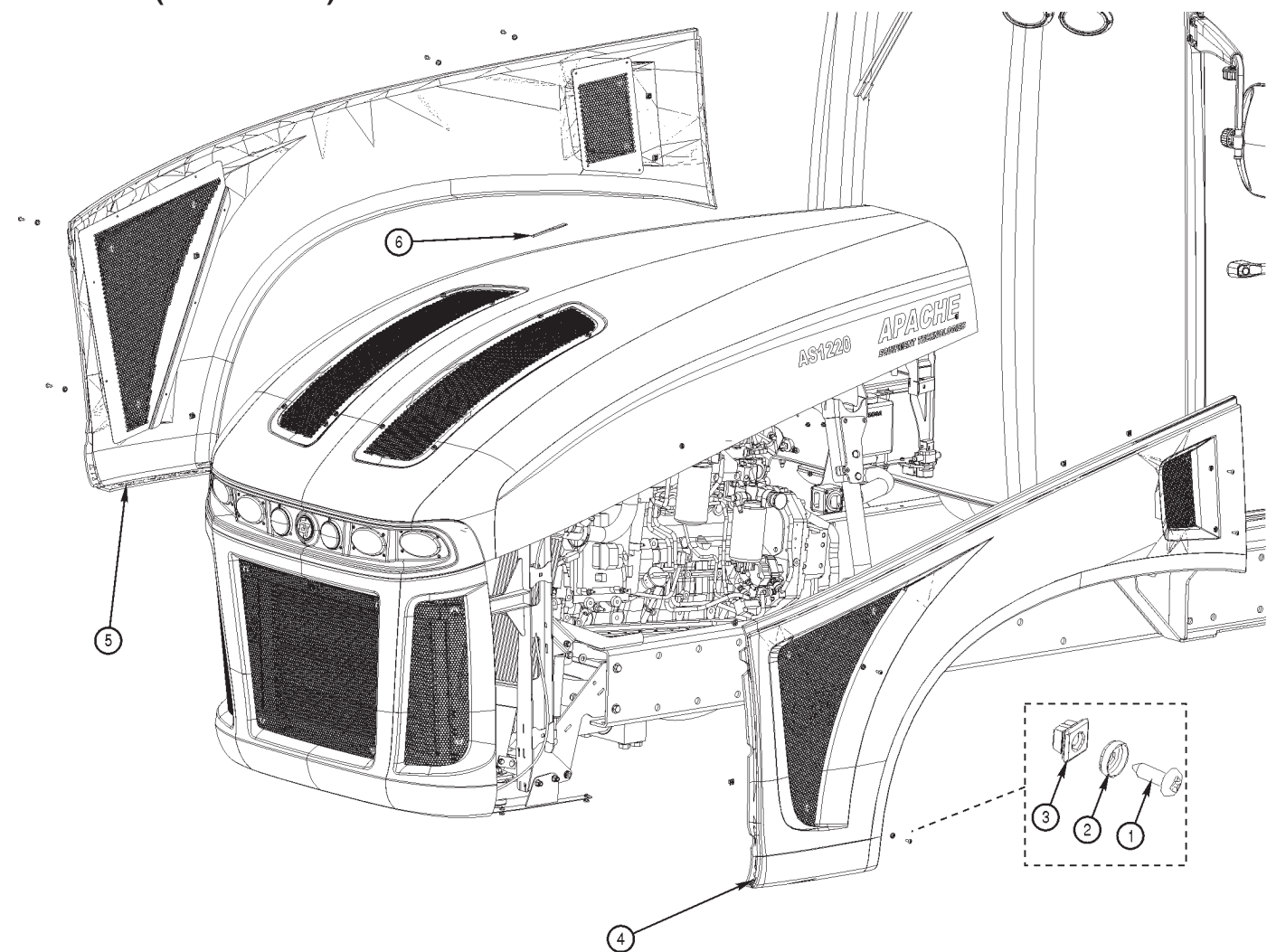
All Models (Top and Front and Panels)



Item	Part Number	Qty	Description	Comments
1	915001309	A/R	Screw, #14 x 1" Pan Head Truss Salt Bath	Used on hood and side panels
2	902351001	A/R	Washer, Black Cup	Used on hood and side panels
3	901100001	A/R	Nut, License Plate Nylon #14	Used on hood and side panels
4	420000130	1	Hood, Top w/bezel	
5	420000147	1	Hood Grill, Top Left	
6	420000146	1	Hood Grill, Top Right	
7	450000013	1	Hood Front 2012	

Hood (cont.)

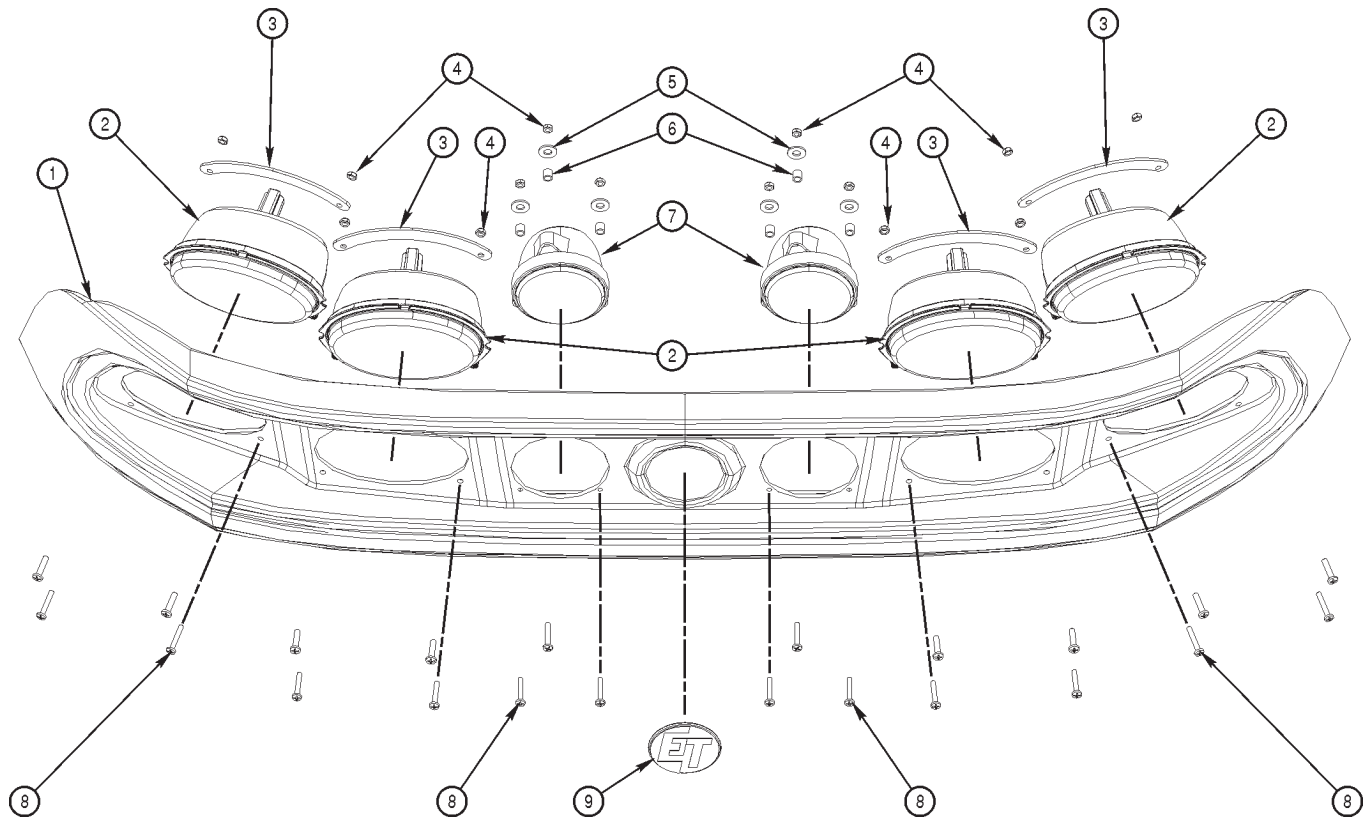
All Models (Side Panels)



Item	Part Number	Qty	Description	Comments
1	915001309	A/R	Screw, #14 x 1" Pan Head Truss Salt Bath	Used on hood and side panels
2	902351001	A/R	Washer, Black Cup	Used on hood and side panels
3	901100001	A/R	Nylon Nut, License Plate #14	Used on hood and side panels
4	420000131	1	Hood , Left	
5	420000132	1	Hood, Right	
6	420000196	1	Hood Ornament 0.5" x 5"	

Hood (cont.)

All Models (Headlights)

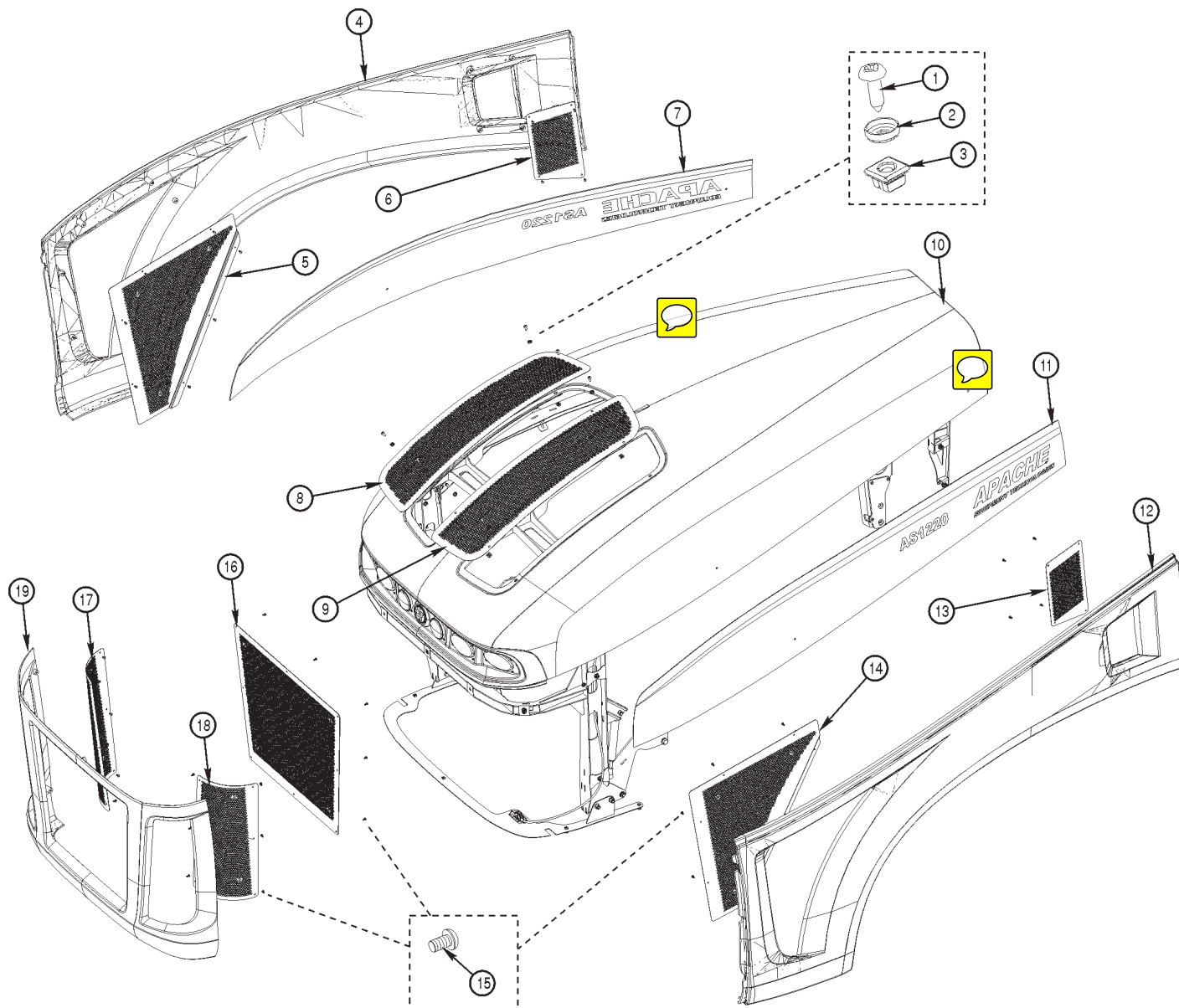


Item	Part Number	Qty	Description	Comments
1	NSS		Included with Hood Part # 420000130	
2	710000020	4	Work Lamp, Oval 100 SB Long Range	
3	420000167	4	Bracket, Light Support	
4	903302606	14	Nut, Nylock 8-32 ZP	
5	902003035	6	Washer, Flat 1/4 ZP	
6	990000149	6	Spacer, Unthreaded Nylon 6/6	
7	710000021	2	Work Lamp, 70 mm, H3, Long Range	
8	903302610	22	Mach Screw 8-32 X 1 1/4 Phillips, Black Oxide	
9	420306046	1	Decal, "ET" Medallion, Hood	

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Hood (cont.)

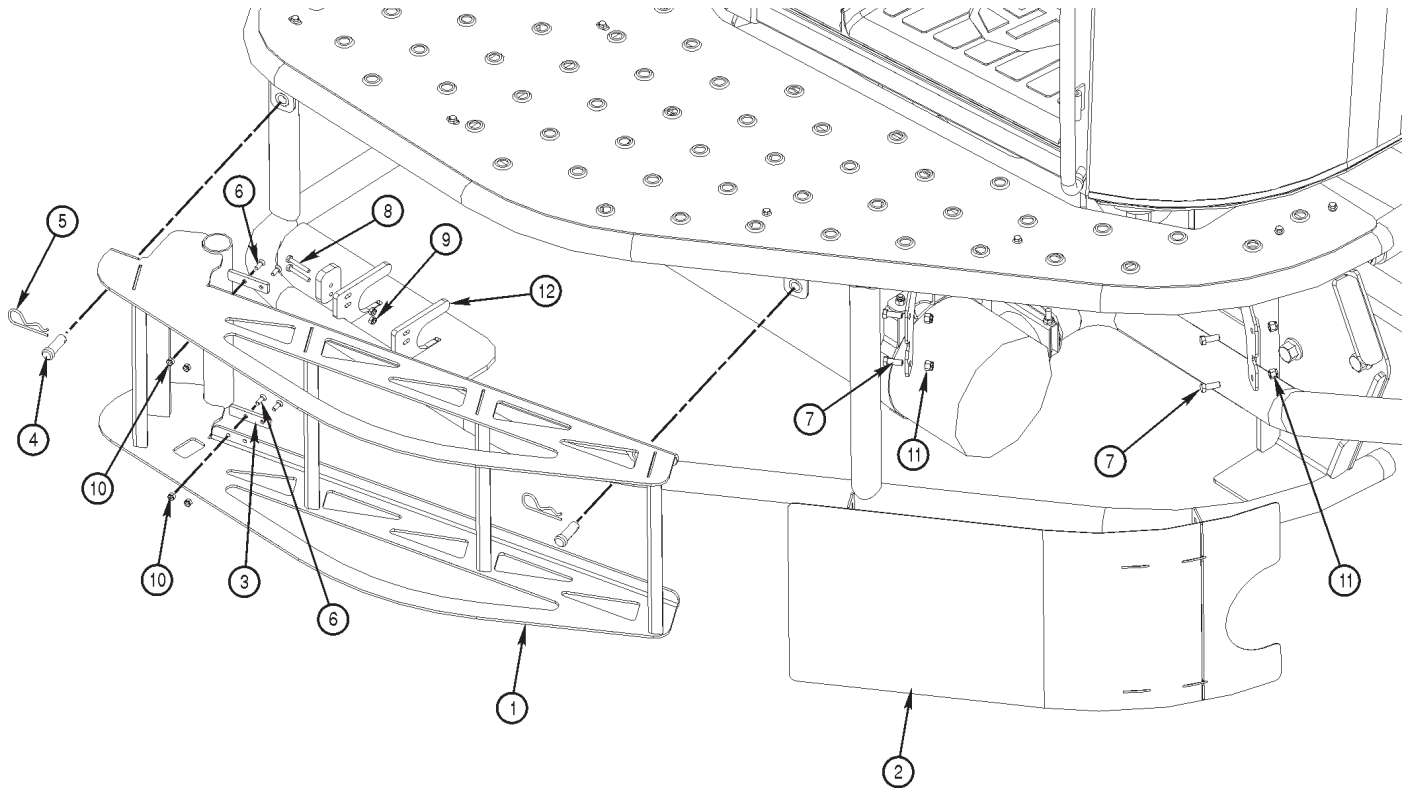
All Models (Grills and Decals)



Item	Part Number	Qty	Description	Comments
1	915001309	A/R	Screw, #14 x 1" Pan Head Truss Salt Bath	Used on hood and side panels
2	902351001	A/R	Washer, Black Cup	Used on hood and side panels
3	901100001	A/R	Nylon Nut, License Plate #14	Used on hood and side panels
4	420000132	1	Hood, Right	
5	420000142	1	Hood Grill, Side Right Front	
6	420000143	1	Hood Grill, Side Right Rear	
7A	420306040	1	Decal, Hood Main R/H 720	
7B	420306042	1	Decal, Hood Main R/H 1020	
7C	420306065	1	Decal, Hood Main R/H 1025	
7D	420306044	1	Decal, Hood Main R/H 1220	
8	420000146	1	Hood Grill, Top Right	
9	420000147	1	Hood Grill, Top Left	
10	420000130	1	Hood, Top w/bezel	
11A	420306041	1	Decal, Hood Main L/H 720	
11B	420306043	1	Decal, Hood Main L/H 1020	
11C	420306066	1	Decal, Hood Main L/H 1025	
11D	420306045	1	Decal, Hood Main L/H 1220	
12	420000131	1	Hood, Left	
13	420000145	1	Hood Grill, Side Left Rear	
14	420000144	1	Hood Grill, Side Left Front	
15	903302910	20	Screw, #12 - 1/2" Pan Head Sheet Metal	Used to attach grills
16	420000139	1	Hood Grill, Front Center	
17	420000141	1	Hood Grill, Front Right	
18	420000140	1	Hood Grill, Front Left	
19	450000013	1	Hood, Front	Can be used on 2011 as replacement

Utility Ladder (Right Side)

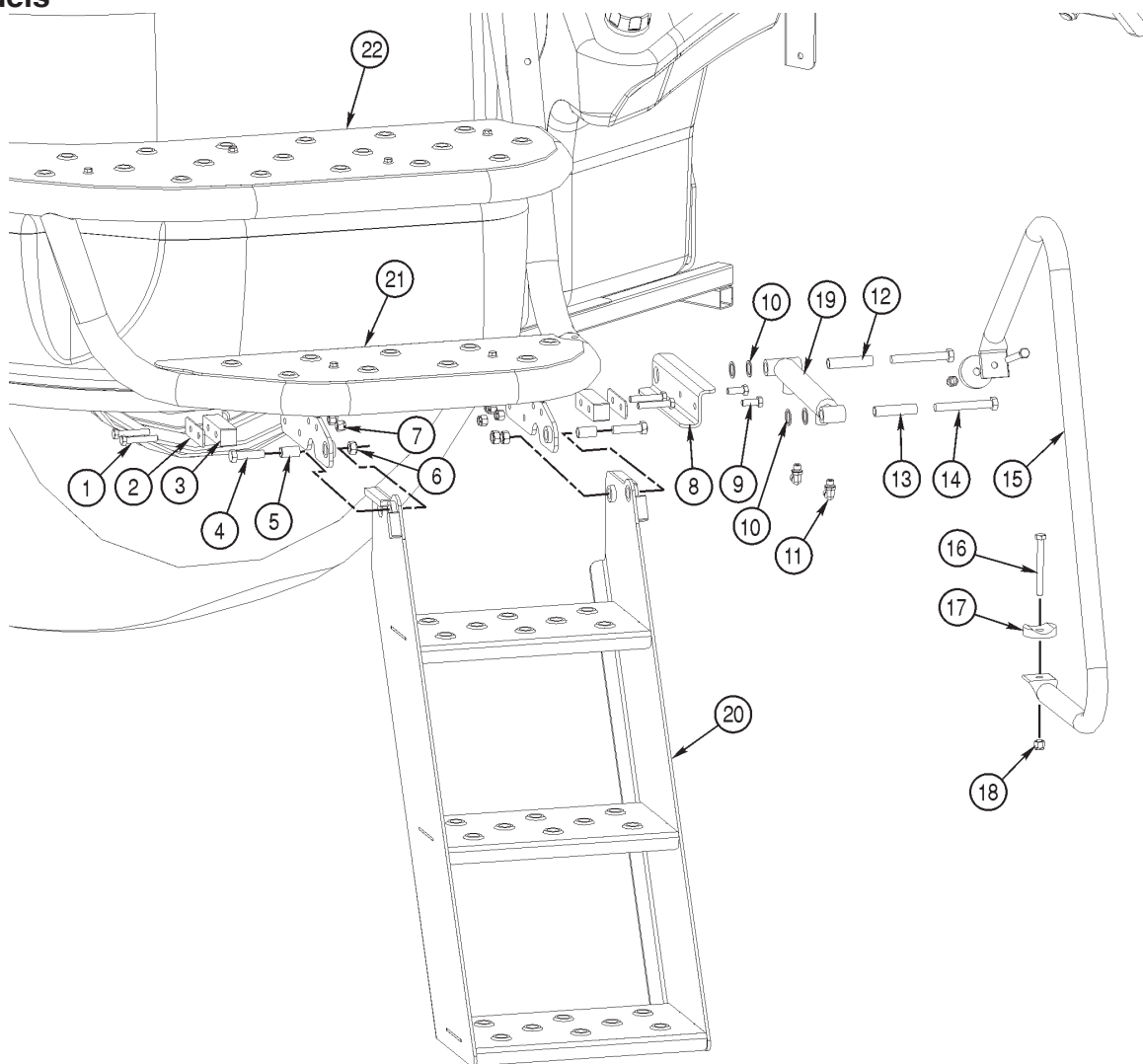
All Models



Item	Part Number	Qty	Description	Comments
1	420000047	1	Ladder, Utility	
2	420000065	1	Heat Shield, Utility Platform	
3	420000049	2	UHMW, Flat, Utility Ladder Rest	
4	420000054	2	Pin, Clevis 5/8" x 1.5"	
5	420000059	2	Pin, Hitch Clip 1/8" x 2-9/16	
6	900000020	4	Screw, 1/4-20 x 3/4 PH Flat HD Machine	
7	900002815	4	Bolt, HHCS 3/8-16 x 1 G5 ZP	
8	900000611	2	Bolt, HHCS 5/16-18 x 1 1/2 G5 ZP	
9	901003010	2	Nut, Nylock 5/16-18 ZP	
10	901003000	4	Nut, Nylock 1/4-20 ZP	
11	901003020	4	Nut, Nylock 3/8-16	
12	100100664	1	UHMW, Flat, Utility Ladder Catch	

Entry Ladder (Left Side)

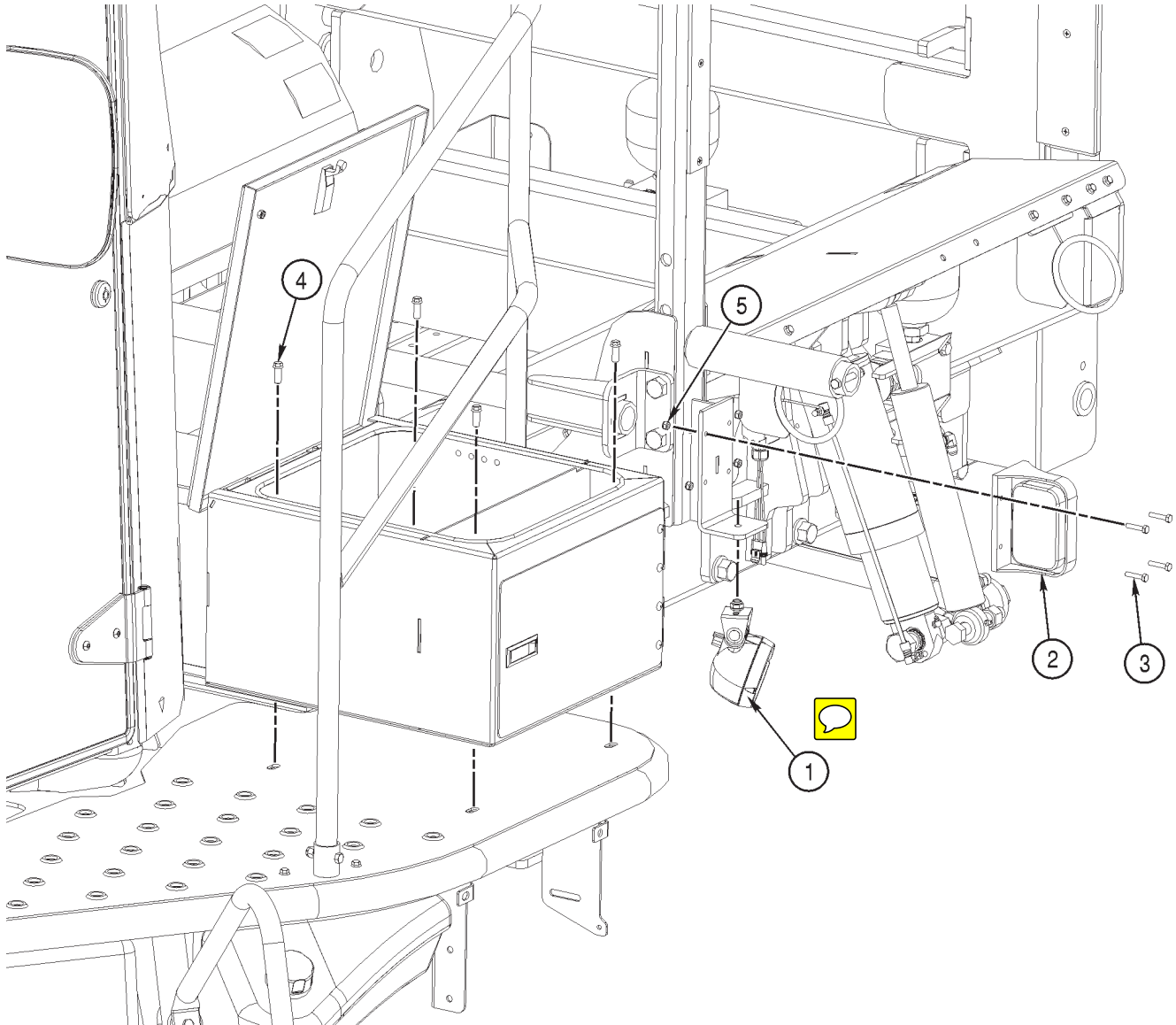
All Models



Item	Part Number	Qty	Description	Comments
1	900002845	4	Bolt, HHCS 3/8-16 x 2 G5 ZP	
2	420000053	2	Plate, Clamp, Ladder Stop	
3	420000052	2	UHMW, Flat, Ladder Stop	
4	900102332	2	Bolt, M12 x 1.75 x 45	
5	420000014	2	Bushing, 0.50 ID x 0.625 OD x 1.125	
6	901100466	2	Nut, M12 x 1.75 G10.9	
7	901003020	4	Nut, Nylock 3/8-16 ZP	
8	420000046	1	Bracket, Ladder Cylinder	
9	900002815	2	Bolt, HHCS 3/8-16 x 1 G5 ZP	
10	901000244	4	Washer, Ladder Shim	
11	800302240	2	Fitting, 4 ORM x 4 FLM 90	
12	420000016	1	Bushing, 0.50 ID x 0.625 OD x 2.75	
13	420000015	1	Bushing, 0.50 ID x 0.625 OD x 2.60	
14	900102331	2	Bolt, M12 x 1.75 x 90	
15	420000060	1	Handrail, Step	
16	900002865	2	Bolt, HHCS 3/8-16 x 3 G5 ZP	
17	201200147	2	Bushing, Radiator Support	
18	901003020	2	Nut, Nylock 3/8-16 ZP	
19	850000124	1	Cylinder, Entry Ladder Fold	
20	420000045	1	Ladder, Fold	
21	420000057	1	Treadplate, Step	
22	420000056	1	Treadplate, Mid- Platform	

Side Lights and Tool Box Mounting

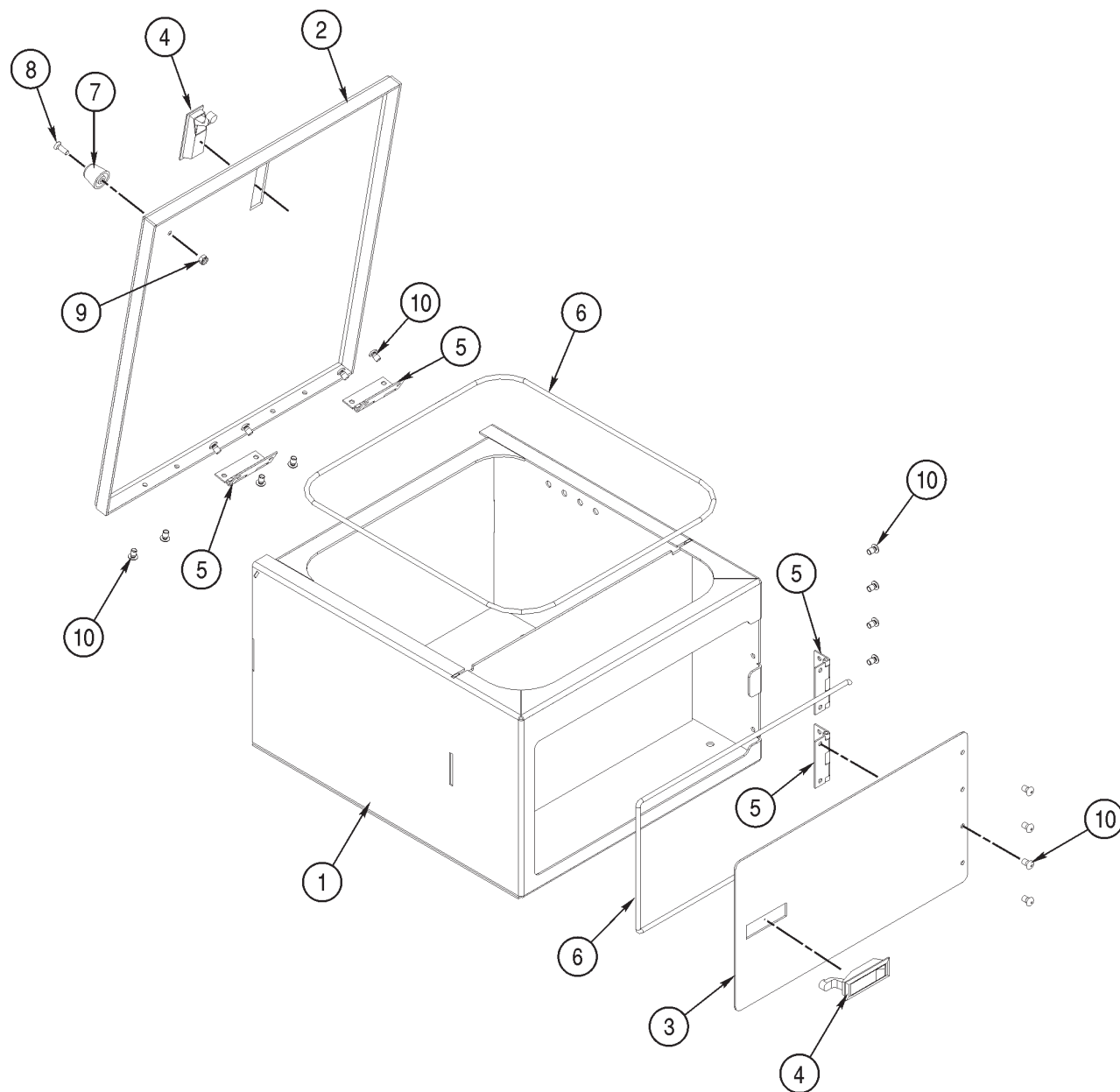
All Models



Item	Part Number	Qty	Description	Comments
1	400200098	2	Work Lamp, Oval	
2	710000010	2	LED Amber/Amber Ped Mnt Marker	
3	900002406	8	Bolt, HHCS 1/4-20 x 1 1/4" G5	
4	900106537	4	Bolt, 3/8-16 x 1" Flanged Head SB	
5	901003000	8	Nut, Nylock 1/4-20 ZP	

Tool Box

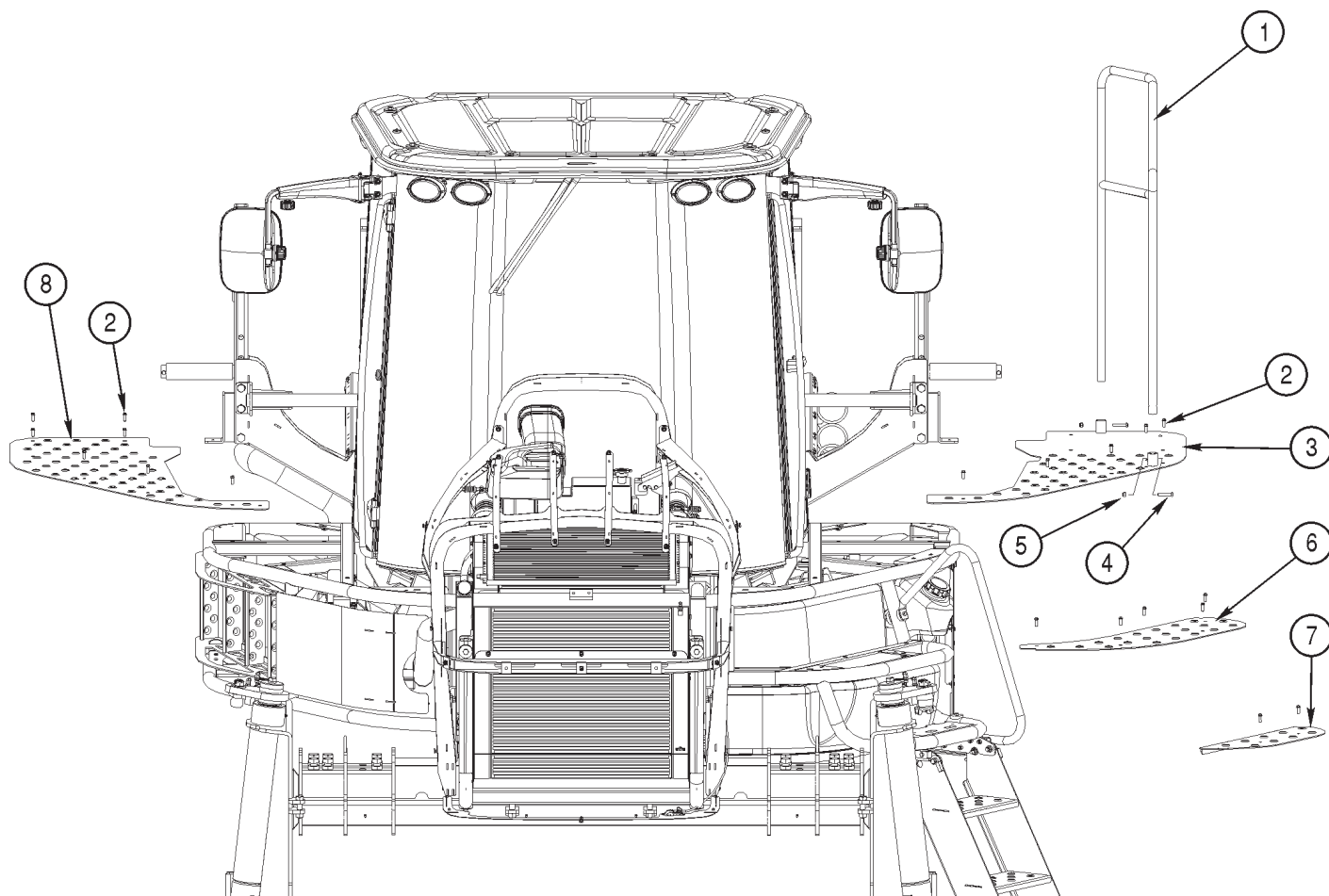
All Models



Item	Part Number	Qty	Description	Comments
1	420000079	1	Tool Box	
2	420000072	1	Door, Tool Box Top	
3	420000071	1	Door, Tool Box Side	
4	420000025	2	Latch, Toolbox Door	
5	420000024	4	Hinge, Toolbox Door	
6	420001400	A/R	Stripping, Weather-Air Dam	Sold by the foot
7	420000076	1	Bumper, Tool Box Top Door	
8	900000019	1	Screw, 1/4-20 x 1" PH Flat HD Machined	
9	901003000	1	Nut Nylock 1/4-20 ZP	
10	900000098	16	Rivet, Pop 1/4" Dia x 5/64-38	

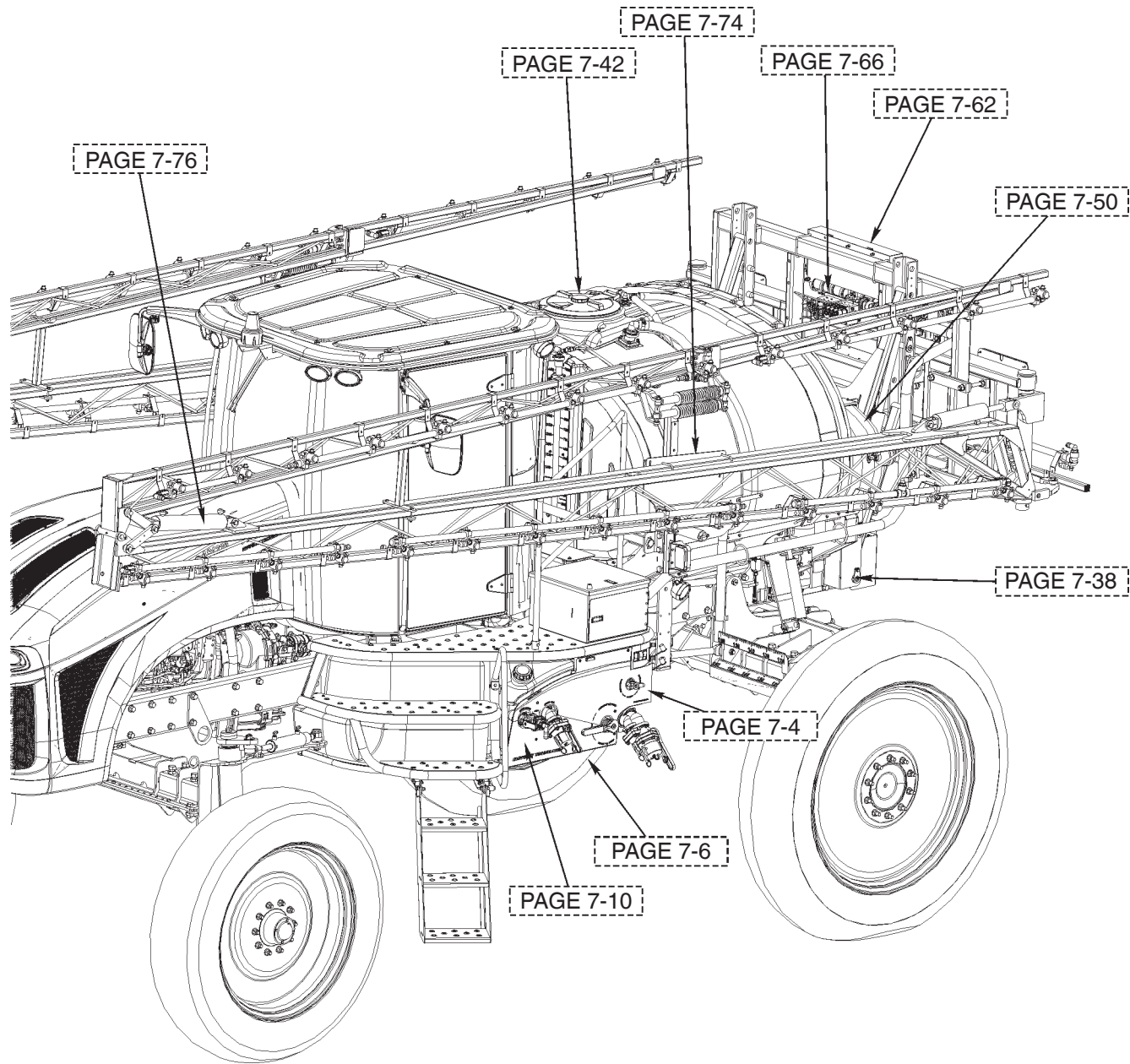
Tread Plates

All Models



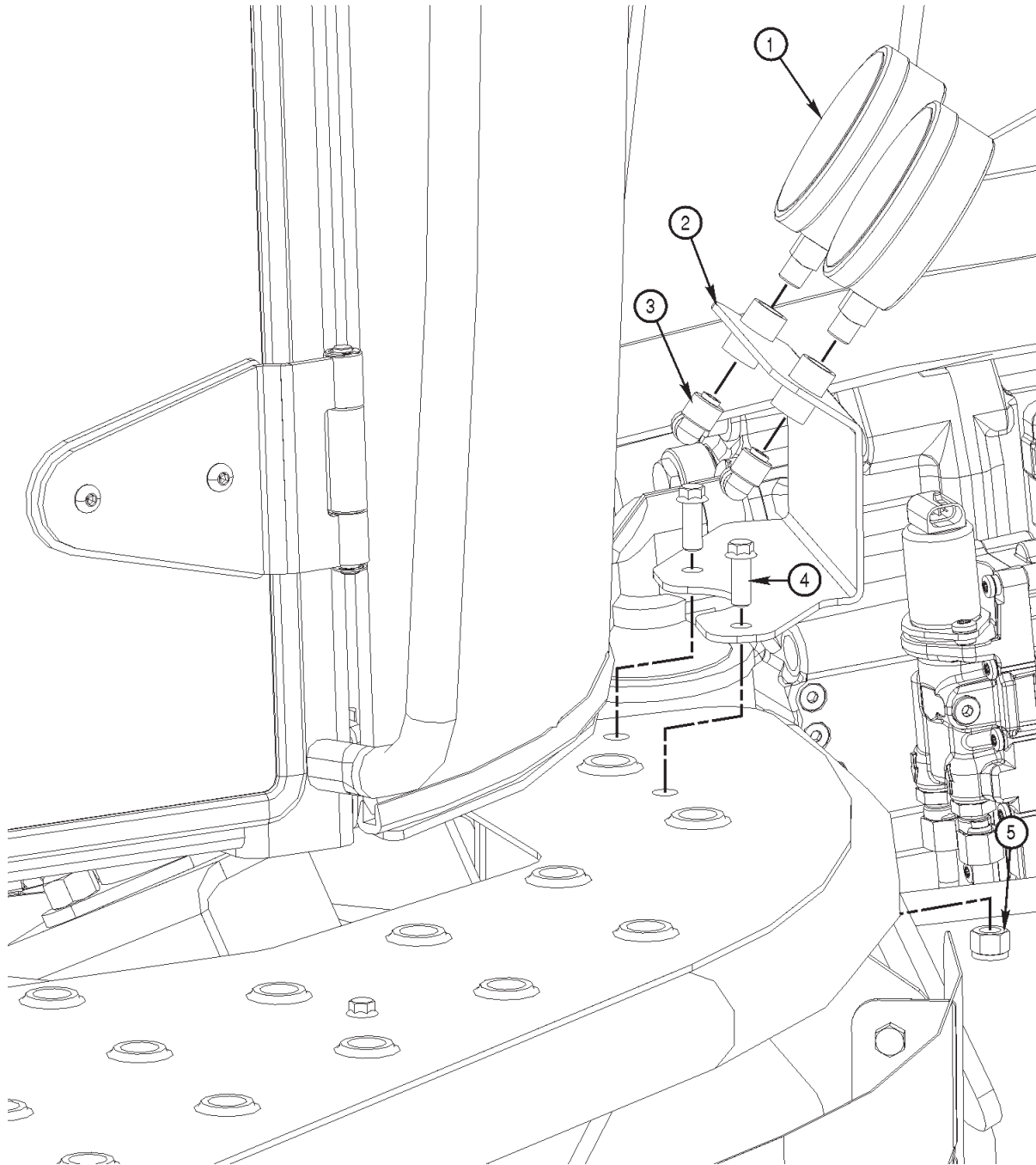
Item	Part Number	Qty	Description	Comments
1	420000061	1	Handrail, Platform	
2	900106537	20	Bolt, 3/8-16 x 1" Flanged Head SB	
3	420000080	1	Treadplate, Platform	
4	900002845	2	Bolt HHCS 3/8-16 x 2 G5 ZP	
5	901003020	2	Nut, Nylock 3/8-16	
6	420000056	1	Treadplate, Mid Platform	
7	420000057	1	Treadplate, Step	
8	420000058	1	Treadplate, Utility Platform	

Wet System
Section Overview
All Models



Pressure Gauges

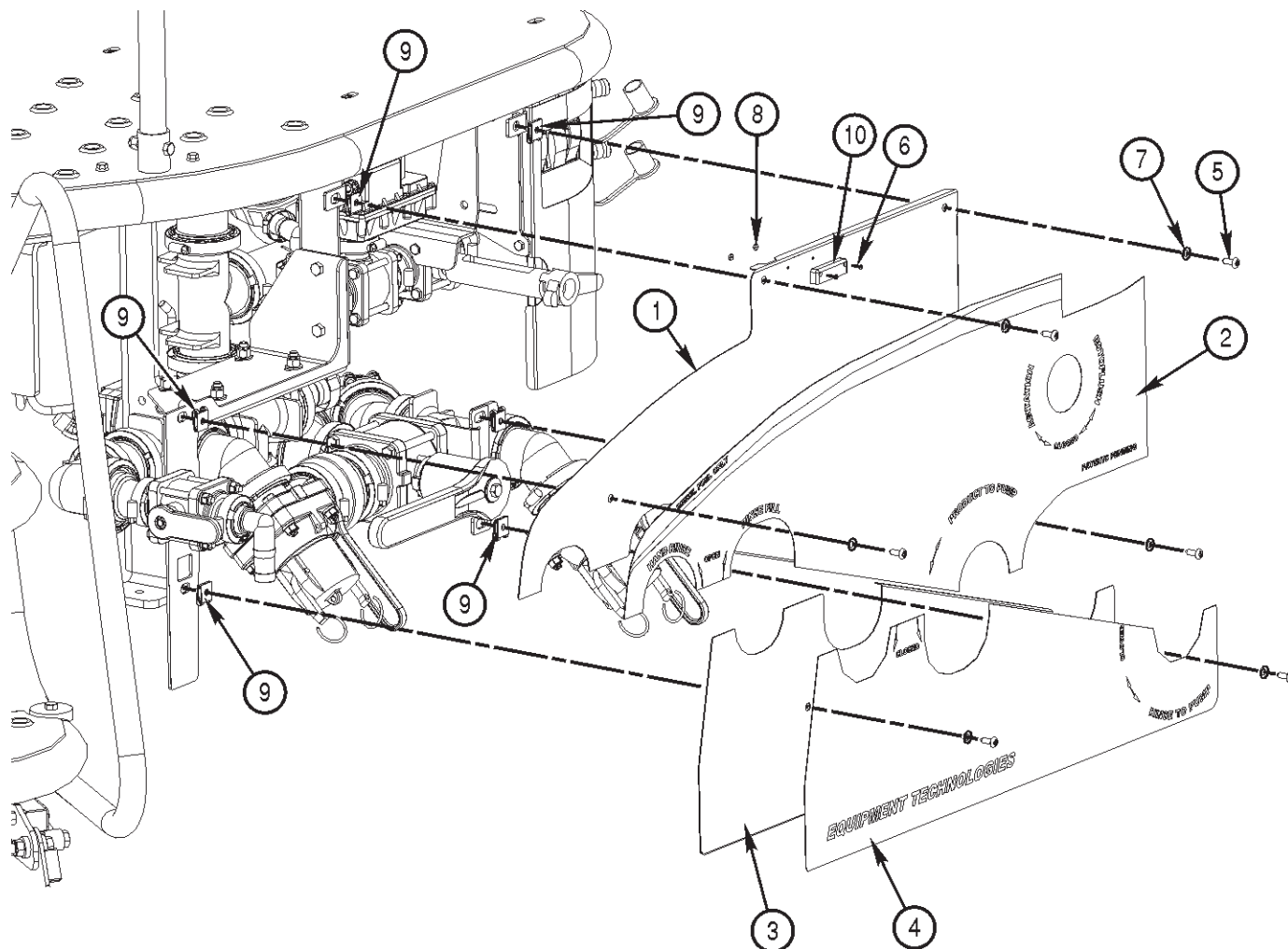
All Models



Item	Part Number	Qty	Description	Comments
1A	680000027	1	Gage 4" 0-160 PSI Boom Pressure	
1B	680000028	1	Gage 4" 0-160 PSI Boom Agitation	
2	690001305	1	Bracket, Dual Gauge	
3	640020000	2	Fitting, 1/4" Tube x 1/8" NPT 90	
4	900106537	2	Bolt, 3/8-16 x 1" Flanged Head	
5	901003020	2	Nut, Nylock 3/8-16 ZP	
	RM800150		Hose, Air Line, NT 10004BK	Used for Gauges

Fill Station

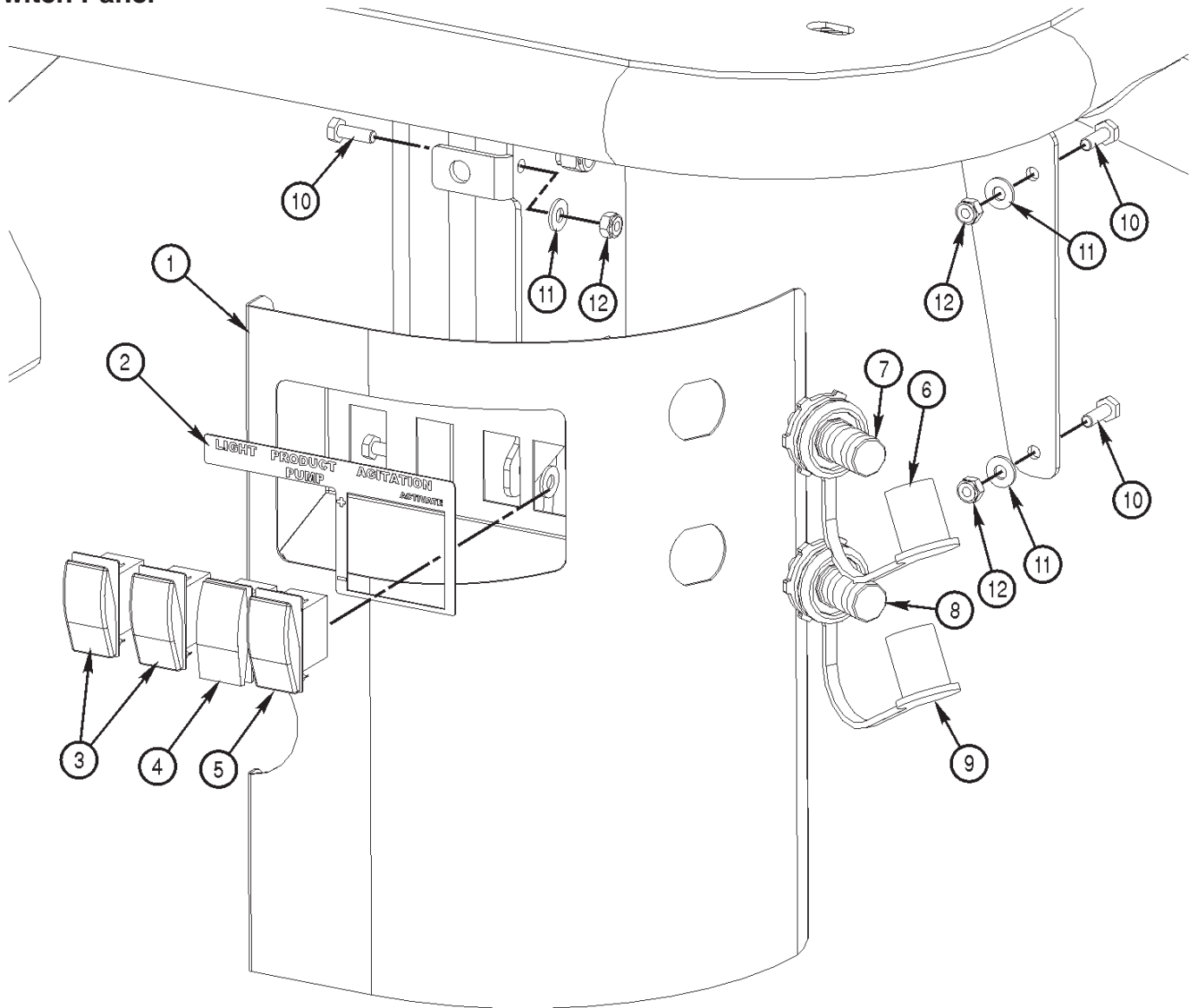
Cover Panels



Item	Part Number	Qty	Description	Comments
1	690000031	1	Panel, Fill Station, Upper	
2	420306060	1	Decal, Fill Station Upper	Two-Piece Decal
3	690000032	1	Panel, Fill Station, Lower	
4	420306061	1	Decal, Fill Station Lower	
5	915001309	6	Screw, #14 x 1" Pan Head	
6	903005284	2	Screw, Phillips PH 6-32 x 3/4" SST	
7	902351001	6	Washer, Black Cup	
8	903302607	2	Nut, Nylock 6-32	
9	901003118	5	U-Nut, # 14	
10	710000204	1	Light, Fill Station 5 LED	

Fill Station (cont.)

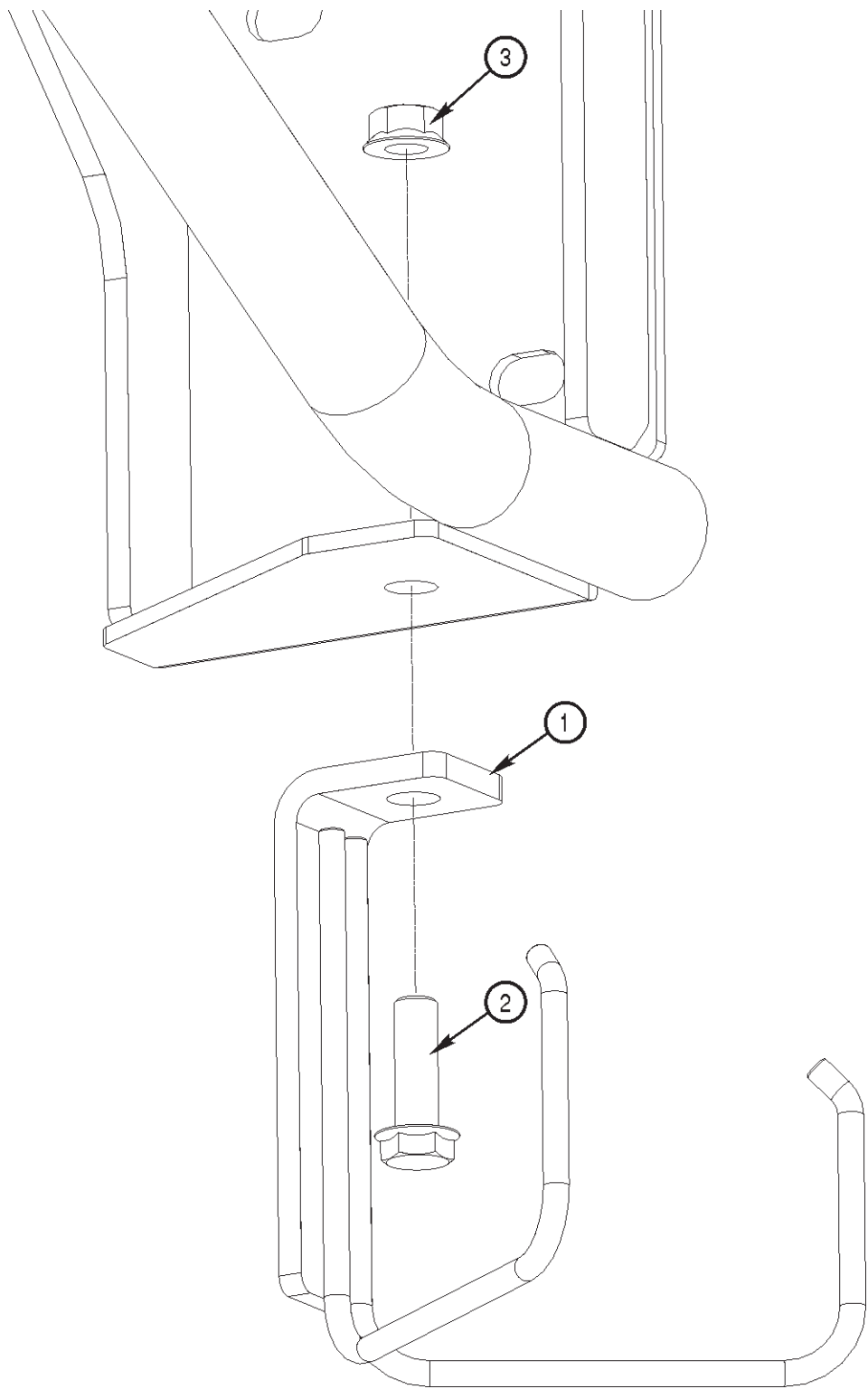
Switch Panel



Item	Part Number	Qty	Description	Comments
1	690000030	1	Panel, Fill Station, Switch	
2	420306062	1	Decal, Fill Station Switches	
3	700300066	2	Switch, Remote product Pump	
4	700300001	1	Switch, Agitation Fill Station Increase/Decrease	
5	700300000	1	Switch, Agitation Over-ride Fill Station	
6	720100013	1	Cap, Black External Battery Terminal	
7	720100009	1	Terminal, External Battery Negative	
8	720100008	1	Terminal, External Battery Positive	
9	720100012	1	Cap, Red External Battery Terminal	
10	900002395	3	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
11	902003035	3	Washer, Flat 1/4-20	
12	901003000	3	Nut, Nylock 1/4-20 ZP	
	720100025	1	Cable, Battery Positive	Not shown
	720100021	1	Cable, +12V to Starter	Not shown
	720100022	1	Cable, +12V to External Post	Not shown
	720100023	1	Cable, Battery Negative	Not shown
	720100024	1	Cable, Negative to External Post	Not shown

Hose Hanger

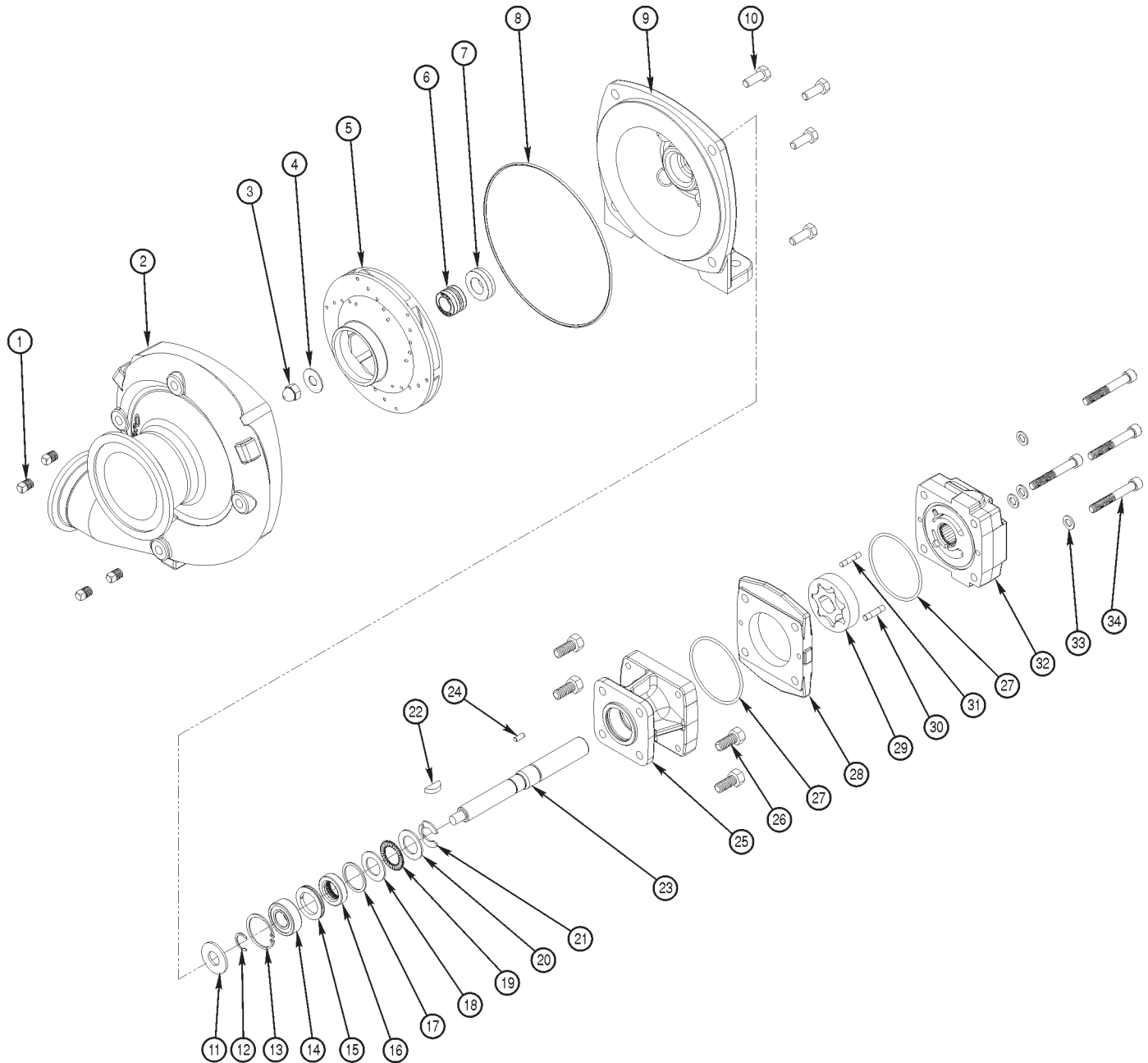
All Models



Item	Part Number	Qty	Description	Comments
1	690000305	1	Retainer, Product Hose Lower	
2	100100001	1	Bolt, Frame 5/8-11 x 2 Salt Bath	
3	100100004	1	Nut, 5/8-11 Salt Bath	

Product Pump

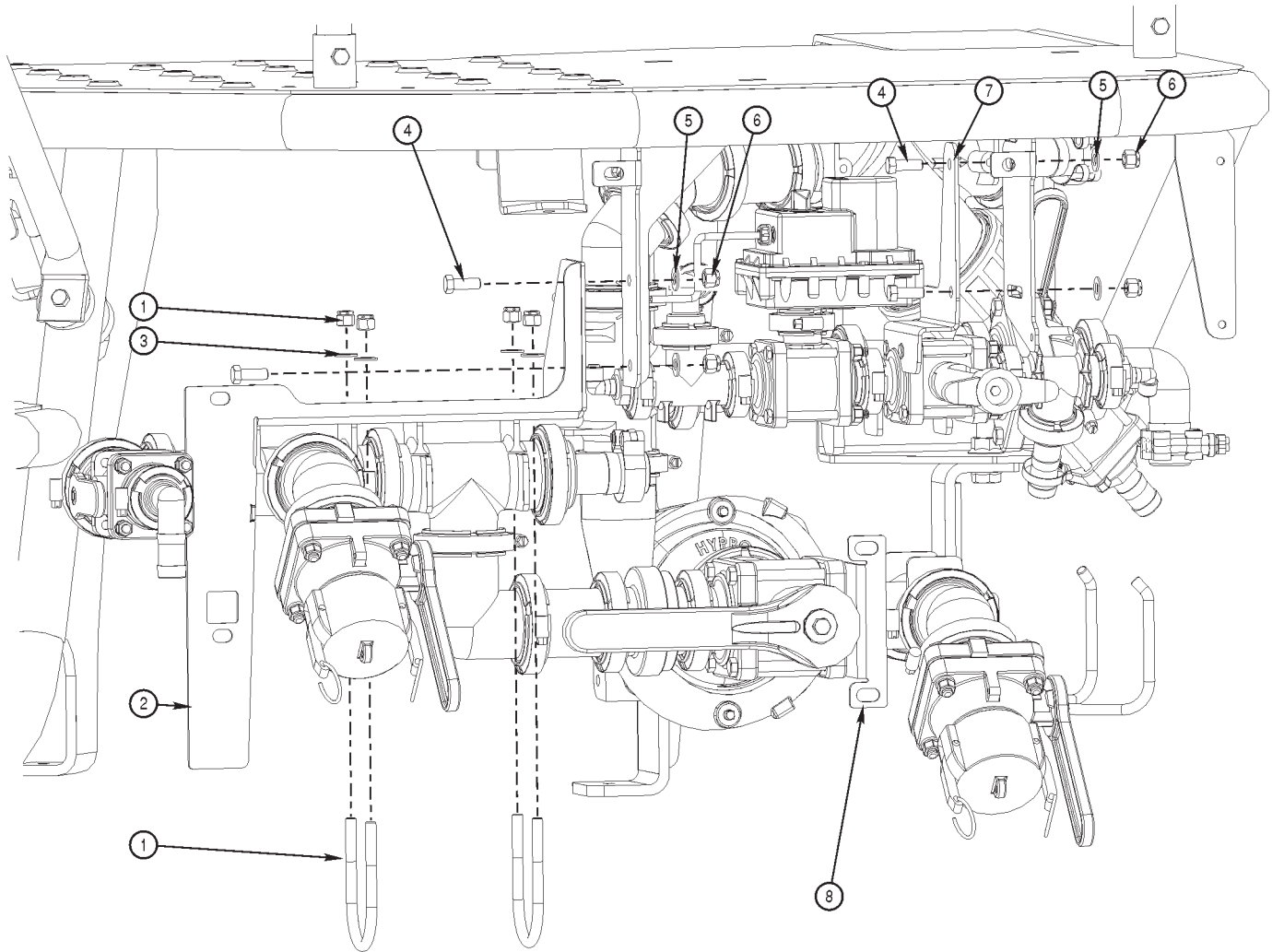
All Models, Standard and Quick-Fill Plumbing



Item	Part Number	Qty	Description	Comments
1	630000503	4	Drain/Vent Plug	
2	630000601	1	Pump Casing Flanged	Includes stainless steel wear ring
3	630000505	1	Nut, Impeller	
4	630000506	1	Washer, Stainless Steel	
5	630000507	1	Impeller, Nylon, 30% Glass Filled	
6	NSS	1	Mechanical Seal, Silicon Carbide	Included with kit 630000501
7	NSS	1	Mechanical Seal	Included with kit 630000501
8	630000508	1	O-Ring	
9	630000509	1	Mounting Flange	
10	630000510	4	Hex Head Cap screw	
11	630000511	1	Slinger Ring	
12	630000513	1	Snap Ring	
13	630000512	1	Retaining Ring	
14	630000514	1	Ball Bearing	
15	630000515	1	Spacer	
16	630000516	1	Shaft Seal, Spiral Lipped	
17	630000517	1	Seal Spacer	
18	630000518	1	Thrust Bearing Assembly	3 Pieces
19	NSS			Included with 630000518
20	NSS			Included with 630000518
21	630000519	1	Snap Ring	
22	630000520	1	Woodruff Key	
23	630000522	1	Shaft, Impeller	
24	630000521	1	Roll Pin Key	
25	630000523	1	Motor Body	Includes Main Bearing
26	630000524	4	Hex Head Cap screw	
27	630000525	2	O-Ring	
28	630000526	1	Gerotor Housing	
29	630000529	1	Gerotor	
30	630000527	1	Locating Pin	
31	630000528	1	Locating Pin	
32	630000530	1	Motor End Plate	Includes Main bearing
33	630000531	4	Washer	
34	630000532	4	Cap Screw	
	630000600	1	Complete Hypro Pump Assembly	Model HM1C
	630000533	A/R	Hydraulic Motor Assembly	Includes Items # 11 through # 34
	630000501	A/R	Mechanical Seal Repair Kit	Includes Items # 6 and # 8
	630000535	A/R	Parts Kit, Hydraulic Motor	Includes Items # 14, # 16, and two # 27
	RM800150	25'	Hose, Air Vent	Order by the foot
	640020005	1	Fitting, 1/4" Popit to 1/8 NPT Straight	Not shown

Standard Plumbing

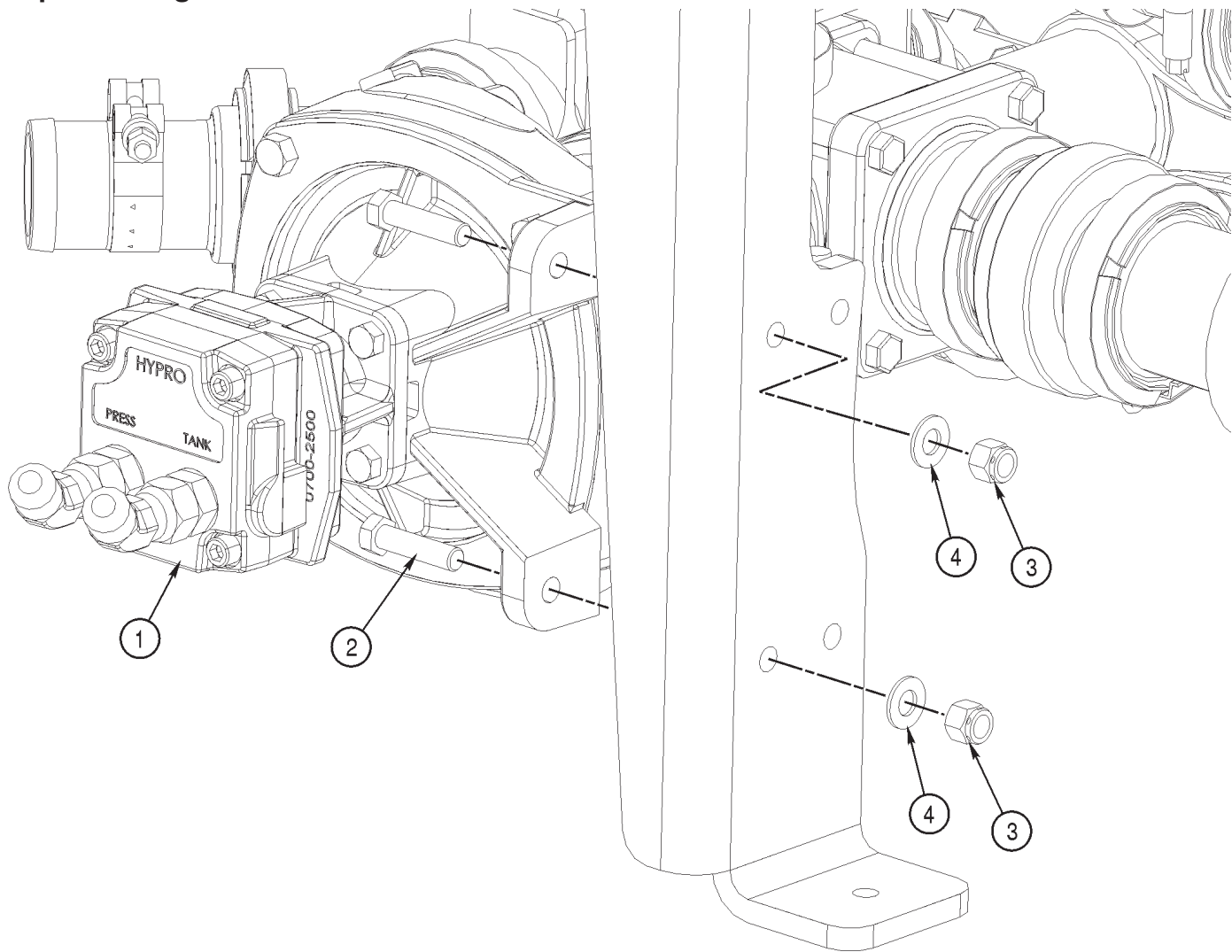
Plumbing Mounting



Item	Part Number	Qty	Description	Comments
1	690000033	1	Bracket, Fill Station, Left	
2	900002815	4	Bolt, HHCS 3/8-16 x 1 G5 ZP	
3	902003040	4	Washer, Flat 5/16	
4	901002568	2	U-bolt, 5/16 x 2 1/2 x 4 3/16	
5	902003200	4	Washer, Flat 3/8	
6	901003020	4	Nut, Nylock 3/8-16	
7	690000034	1	Bracket, Fill Station, Right	
8	690000035	1	Bracket, Fill Station, Lower	
	690001829	1	Hose, Product 2" x 40" Suction	Not shown
	690001830	1	Hose, Rinse Tank 1.5" x 122"	Not shown
	690001831	1	Hose, Rack Supply 1.5" x 168"	Not shown

Standard Plumbing (cont.)

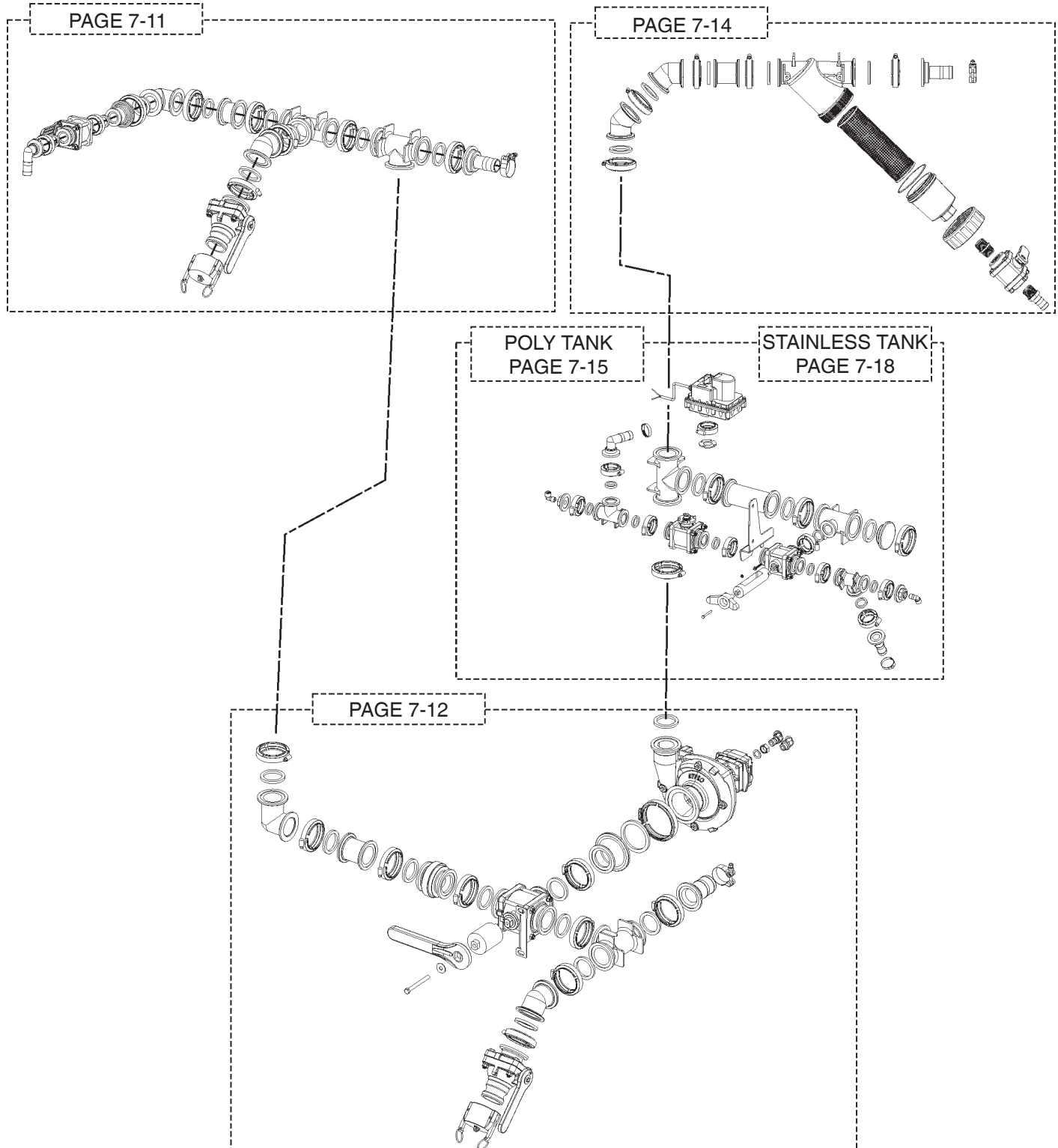
Pump Mounting



Item	Part Number	Qty	Description	Comments
1	630000600	1	Pump, Product 3" Hypro	
2	900002835	2	Bolt, HHCS 3/8-16 x 1 1/2 G5 ZP	
3	901003020	2	Nut, Nylock 3/8-16	
4	902003045	2	Washer, Flat 3/8 ZP	

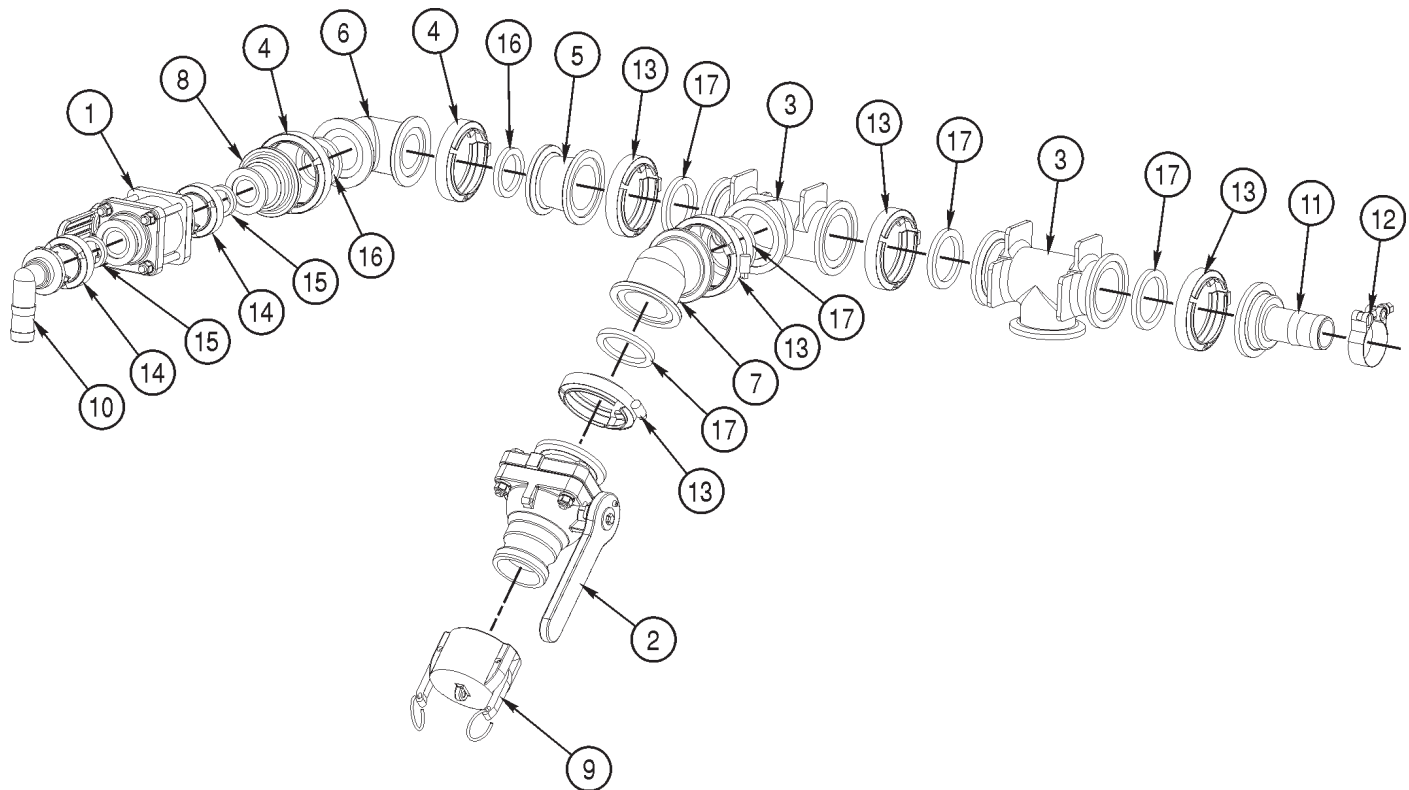
Standard Plumbing (cont.)

Fill Station Overview



Standard Plumbing (cont.)

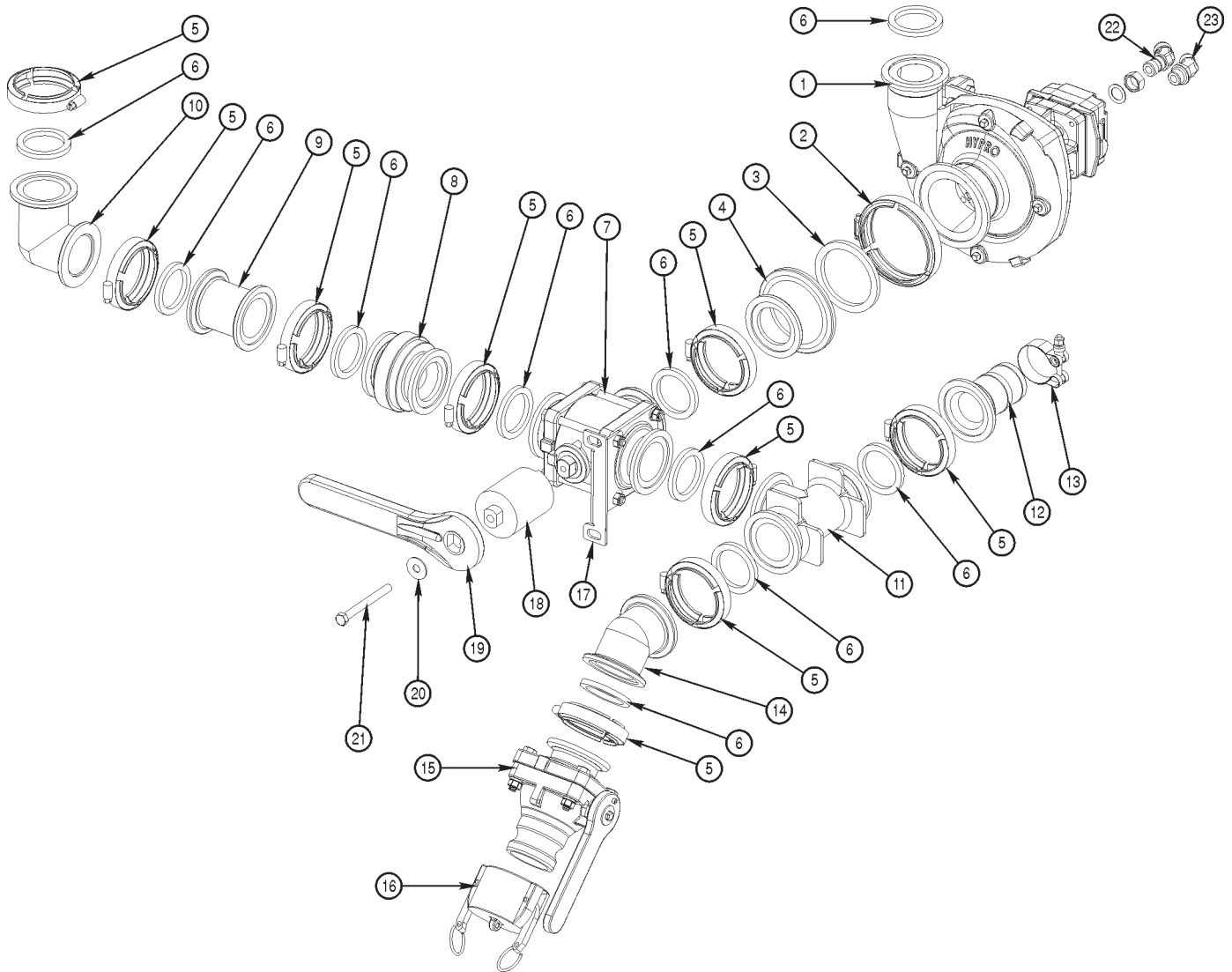
Fill Station Detail 1



Item	Part Number	Qty	Description	Comments
1	640100077	1	Valve, Ball 1" Banjo	
2	640100208	1	Valve 2" FP To QDC Stubby	
3	640100002	2	Fitting, Tee 2" FP Banjo	
4	640100013	2	Clamp, 2" Standard Port Banjo	
5	640100073	1	Fitting, Reducer 220 x 200 Banjo	
6	640100143	1	Coupling, 90 Degree Flange 2" SP Short	
7	640000042	1	Fitting, FP 2" 45 Banjo	
8	640100007	1	Fitting, Reducer 2"-1" Banjo	
9	640000150	1	Cap, 2" Poly	
10	640100023	1	Fitting, 1" Barb x 1 Flange 90 Banjo	
11	640100039	1	Fitting, 2" FP x 1 1/2" Hose Barb Banjo	
12	915003175	1	Clamp, 1 5/16" TC 181	
13	640100011	5	Clamp, 2" Full Port Banjo	
14	640100015	2	Clamp, 1" Banjo	
15	640100016	2	Gasket, 1" Banjo	
16	640100014	2	Gasket, 2" Standard Port Banjo	
17	640100012	5	Gasket, 220 Full Port Banjo	

Standard Plumbing (cont.)

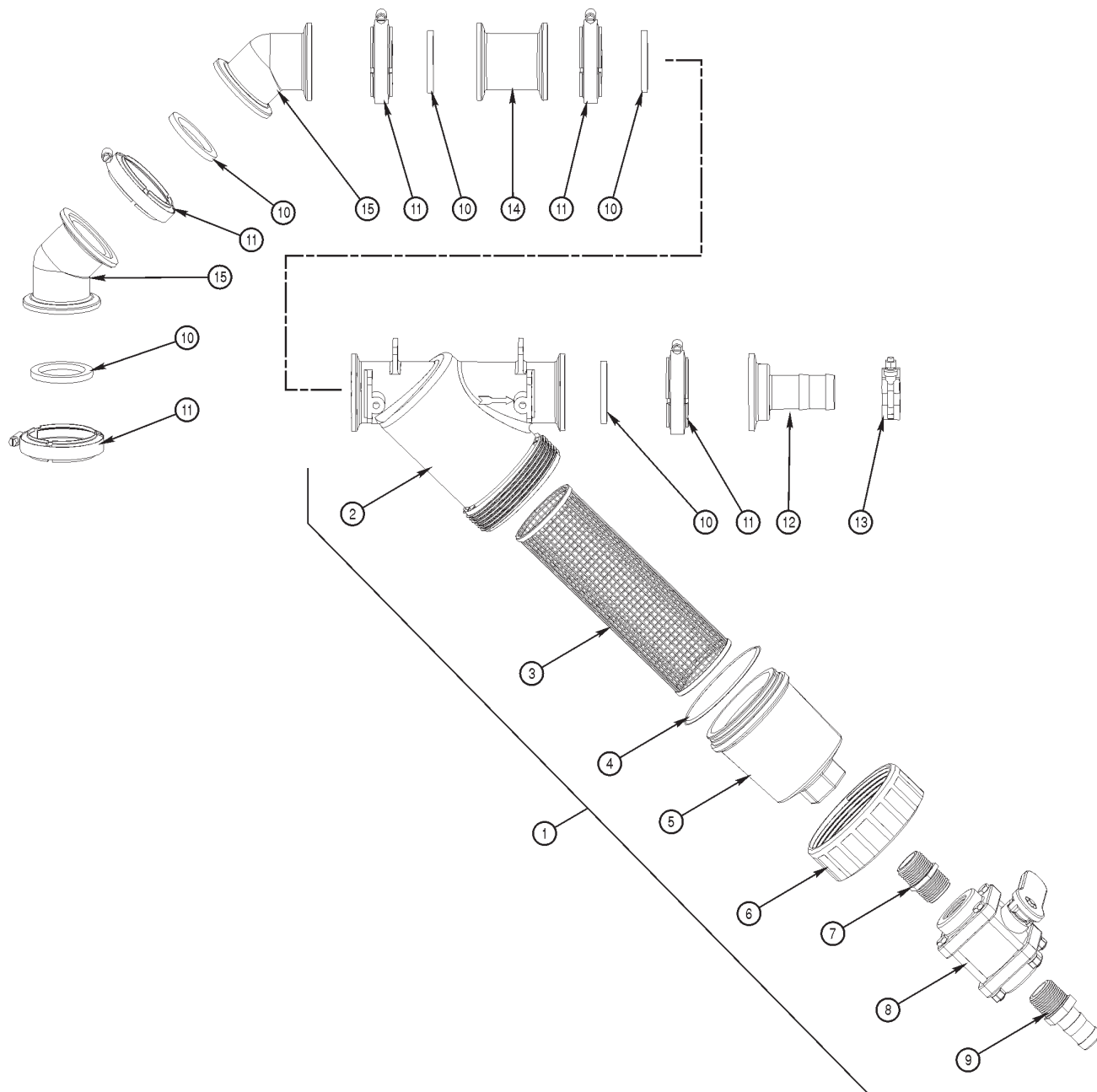
Fill Station Detail 2



Item	Part Number	Qty	Description	Comments
1	630000600	1	Pump, Product 3" Hypro	
2	640100027	1	Clamp, 3" Banjo	
3	640100028	1	Gasket, 300 EPDM Banjo	
4	640100047	1	Fitting, 3 x 2 Flange Full Port Reducer	
5	640100011	9	Clamp, 2" Full Port Banjo	
6	640100012	10	Gasket, 220 Full Port Banjo	
7	640100060	1	Valve, 2" 3 Way Full FL Banjo	
8	640100134	1	Valve, Check Banjo Flanged	
9	640100042	1	Fitting, Extension 2" FP Banjo	
10	640100003	1	Fitting, Elbow 90 2" Banjo	
11	640100002	1	Fitting, Tee 2" FP Banjo	
12	640100005	1	Fitting, 2 Hose Barb Banjo	
13	915003300	1	Clamp, 2" TC 231	
14	640000042	1	Fitting, FP 2" 45 Banjo	
15	640100208	1	Valve 2" FP To QDC Stubby	
16	640000150	1	Cap, 2" Poly	
17	690000035	1	Bracket, Lower Fill Station	
18	690000039	1	Riser, MV220BL	
19	640100149	1	Handle, Straight Banjo, 2" and 3" BL Valves	
20	640100151	1	Washer, SS Banjo Handle	
21	930000016	1	Bolt, HHCS 3/8-16 x 3 1/2 G5 ZP	
22	800302503	1	Fitting, 10 FLM x 10 ORM 45	
23	800302502	1	Fitting, 8 FLM x 8 ORM 45	

Standard Plumbing (cont.)

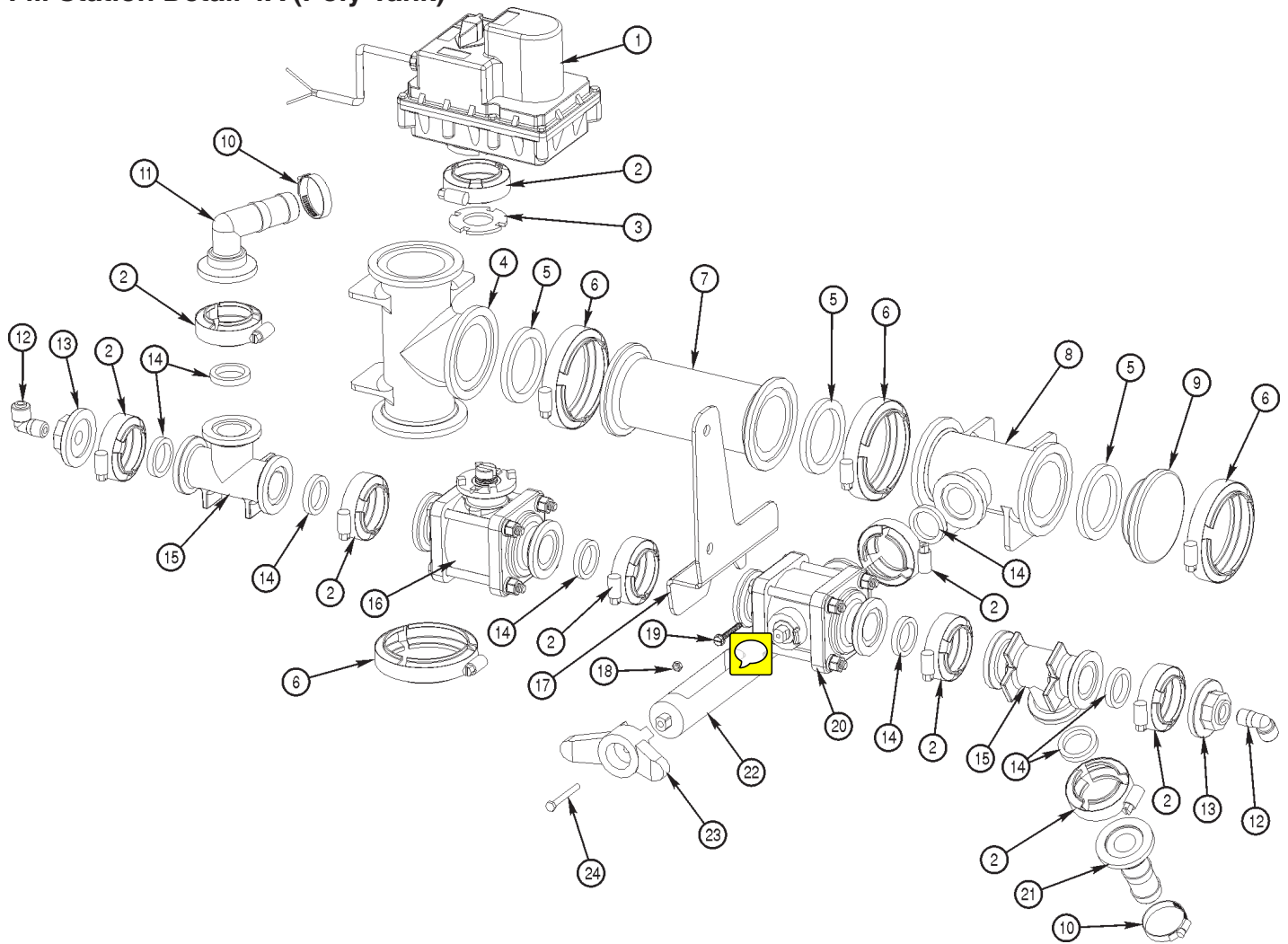
Fill Station Detail 3



Item	Part Number	Qty	Description	Comments
1	640100209	1	Assembly, Strainer "Y" Manifold 2" FP 50 Mesh	Includes item  through 9.
2	640400029	1	2" Flanged Y Strainer - Body Only	
3	640400020	1	Screen, Strainer 2" Y Full Port 50 Mesh	
4	640400024	1	Gasket, Body 2" Main	
5	640400028	1	2" Flanged Y Strainer Cap	
6	640400027	1	2" Flanged Y Strainer Ring	
7	640000720	1	Nipple, 1" Short Poly	
8	640001575	1	Valve, 1" Full Port Poly	
9	640000420	1	Hose Barb 1"	
10	640100012	5	Gasket, 220 Full Port Banjo	
11	640100011	5	Clamp, 2" Full Port Banjo	
12	640100039	1	Fitting, 2" FP x 1 1/2" Hose Barb Banjo	
13	915003175	1	Clamp, 1 5/16 TC 181	
14	640100042	1	Fitting, Extension 2" FP Banjo	
15	640000042	2	Fitting, FP 2" 45 Banjo	

Standard Plumbing (cont.)

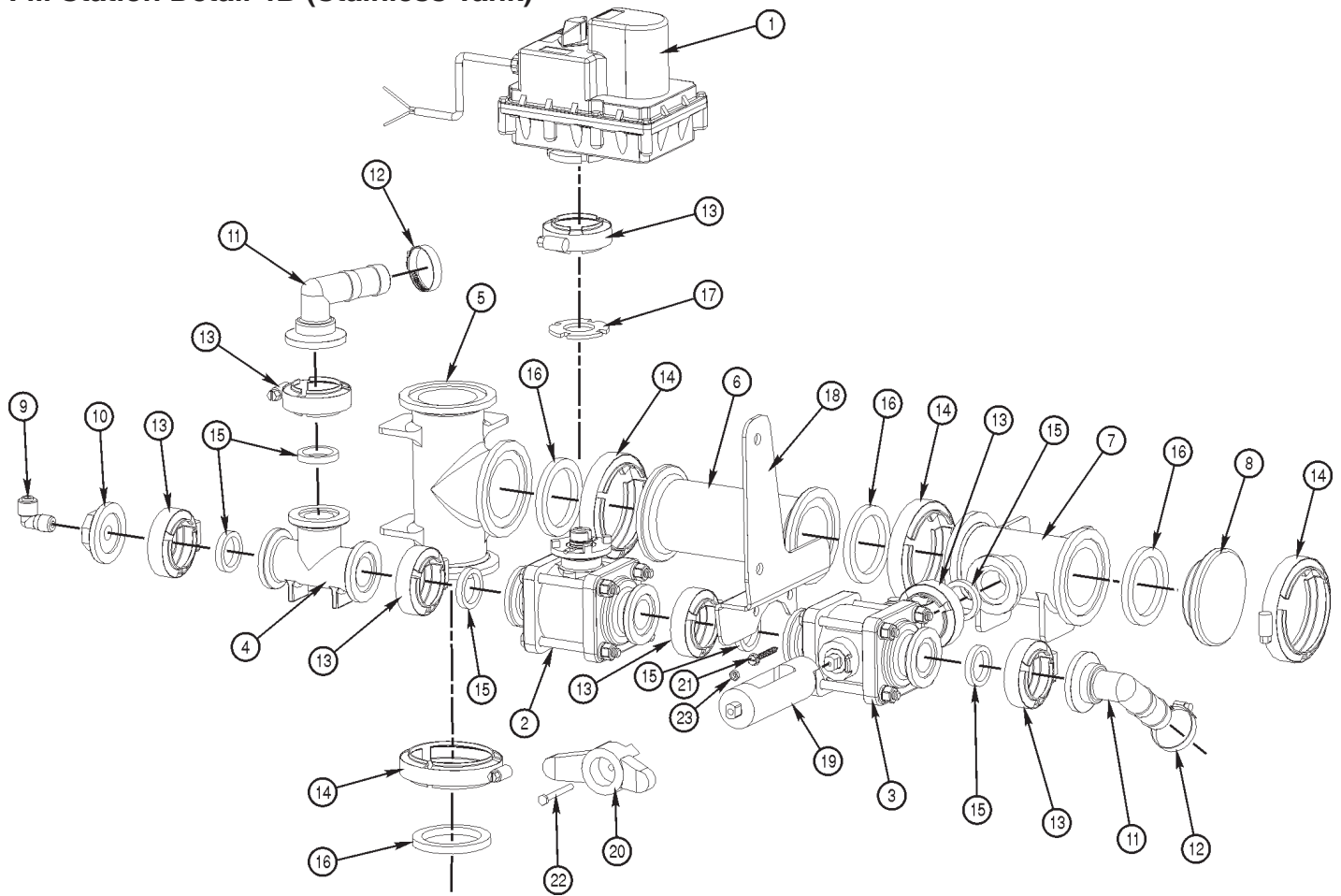
Fill Station Detail 4A (Poly Tank)



Item	Part Number	Qty	Description	Comments
1A	660000300	1	Valve Assembly, Agitation Banjo	
1B	660000301	1	Motor, Only Agitation	
2	640100015	9	Clamp, 1" Banjo	
3	660000305	1	Gasket	Between ball valve and motor
4	640100002	1	Fitting, 2" Flange Tee Banjo	
5	640100012	4	Gasket, 220 Full Port Banjo	
6	640100011	4	Clamp 2" Full Port Banjo	
7	640100206	1	Fitting, Coupling 2" FP Straight 6"	
8	640400007	1	Tee 2" Full Port To 1"	
9	640400018	1	Fitting, Flange Plug 2" Full Port	
10	915000500	2	Clamp, Screw #16 x 1"	
11	640100023	1	Fitting 1" Barb X 1" Flange 90 Banjo	
12	640020000	2	Fitting, 1/4 Popit 90 Degree	
13	640400011	2	Cap 1" With 1/4" Port	
14	640100016	8	Gasket, 1" Banjo	
15	640100024	1	Fitting, 1" Flange Tee Banjo	
16	660000302	1	Ball Valve Only, Agitation	
17	690000034	1	Bracket, Fill Station Right	
18	901002899	1	Nut, Nylock 10-24 ZP	
19	930000014	1	Screw Drill Pt Hex Washer 10 x 1-3/4" SS	
20	640400010	1	Valve, 3-Way 1"	
21	640100053	1	Fitting Hose Barb 1" Banjo	
22	690000037	1	Riser, MV100BL	
23	640100150	1	Handle, Tee Banjo, 1" BL Valve	
24	900002439	1	Screw, 10-24 x 1 3/4" Buttonhead	

Standard Plumbing (cont.)

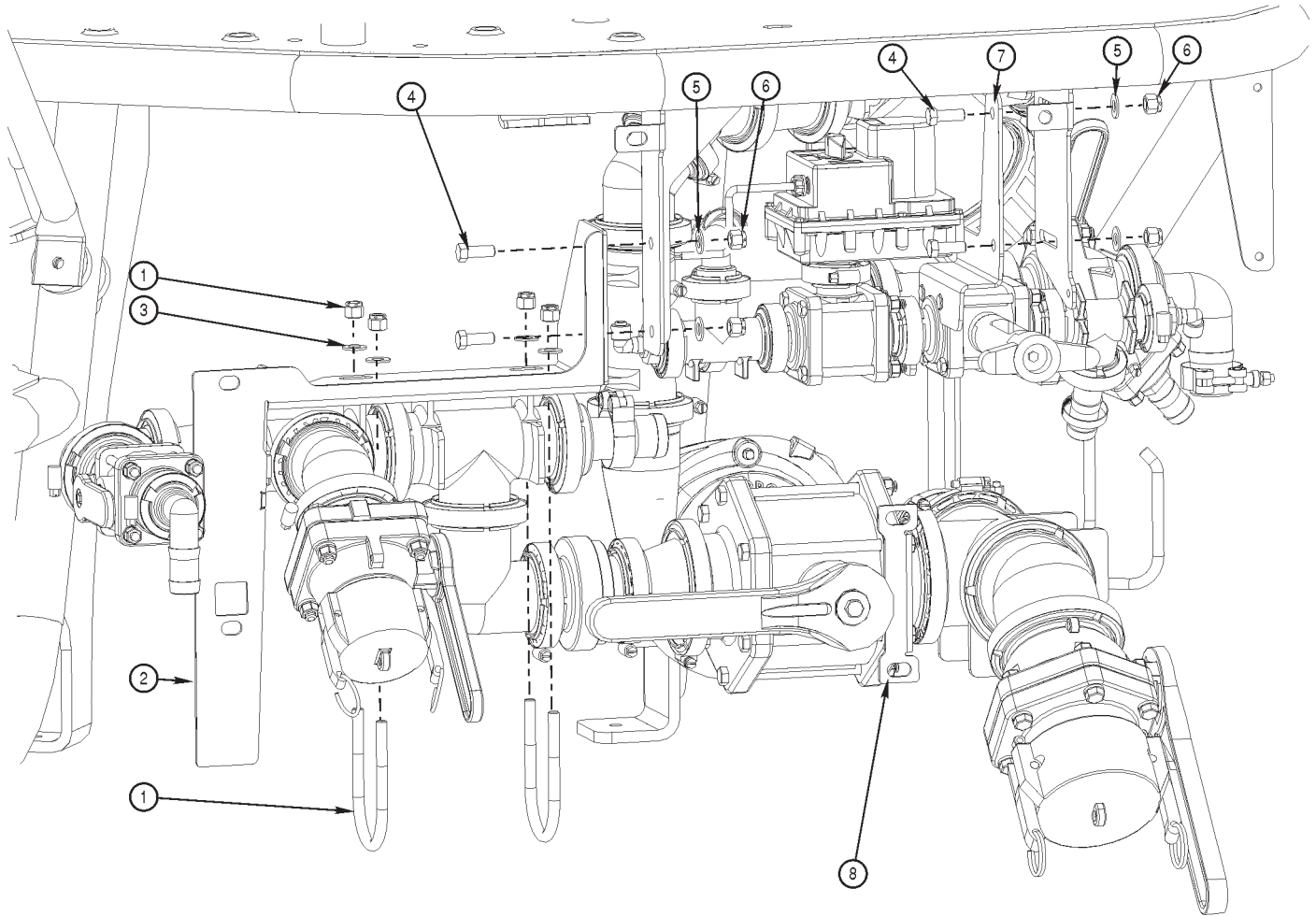
Fill Station Detail 4B (Stainless Tank)



Item	Part Number	Qty	Description	Comments
1A	660000300	1	Valve Assembly, Agitation Banjo	
1B	660000301	1	Motor, Only Agitation	
2	660000302	1	Ball Valve Only, Agitation	
3	640400010	1	Valve, 3-Way 1"	
4	640100024	1	Fitting, 1" Flange Tee Banjo	
5	640100002	1	Fitting, 2" Flange Tee Banjo	
6	640100206	1	Fitting, Coupling 2" FP Straight 6"	
7	640400007	1	Tee 2" Full Port To 1"	
8	640400018	1	Fitting, Flange Plug 2" Full Port	
9	640020000	1	Fitting, 1/4 Popit 90 Degree	
10	640400011	1	Cap 1" With 1/4" Port	
11	640100023	1	Fitting, 1 Barb x 1 Flange 90 Banjo	
12	915000500	2	Clamp, Screw #16 x 1"	
13	640100015	7	Clamp, 1" Banjo	
14	640100011	4	Clamp 2" Full Port Banjo	
15	640100016	6	Gasket, 1" Banjo	
16	640100012	4	Gasket, 220 Full Port Banjo	
17	660000305	1	Gasket	Between ball valve and motor
18	690000034	1	Bracket, Fill Station Right	
19	690000037	1	Riser, MV100BL	
20	640100150	1	Handle, Tee Banjo, 1" BL Valve	
21	930000014	1	Screw Drill Pt Hex Washer 10 x 1-3/4" SS	
22	900002439	1	Screw, 10-24 x 1 3/4" Buttonhead	
23	901002899	1	Nut, Nylock 10-24 ZP	

Quick-Fill Plumbing

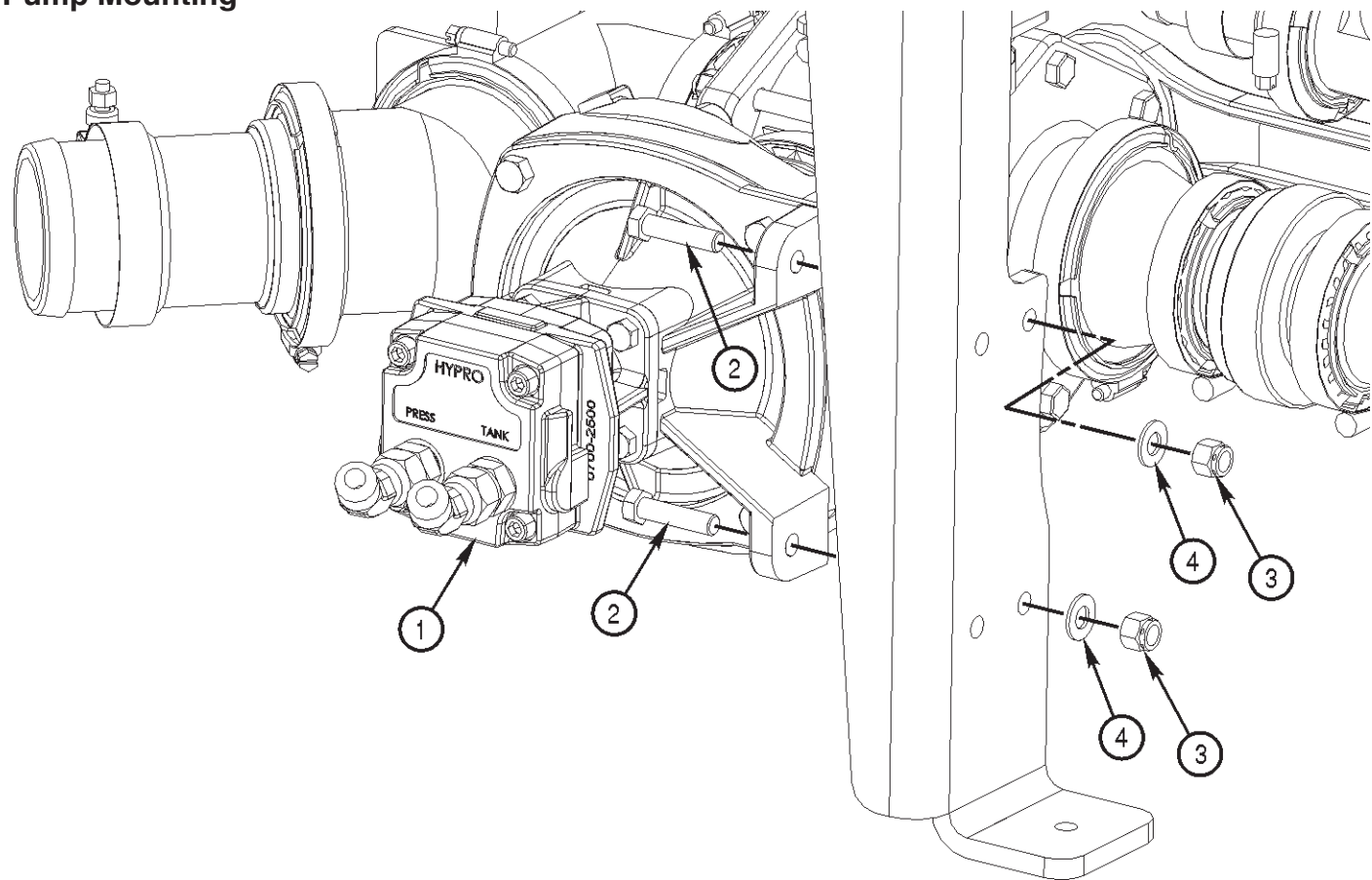
Plumbing Mounting



Item	Part Number	Qty	Description	Comments
1	690000033	1	Bracket, Fill Station, Left	
2	900002815	4	Bolt, HHCS 3/8-16 x 1 G5 ZP	
3	902003040	4	Washer, Flat 5/16	
4	901002568	2	U-bolt, 5/16 x 2 1/2 x 4 3/16	
5	902003200	4	Washer, Flat 3/8	
6	901003020	4	Nut, Nylock 3/8-16	
7	690000034	1	Bracket, Fill Station, Right	
8	690000036	1	Bracket, Fill Station, Lower QF	
	690001829	1	Hose, Product 2" x 40" Suction	Not shown
	690001830	1	Hose, Rinse Tank 1.5" x 122"	Not shown
	690001831	1	Hose, Rack Supply 1.5" x 168"	Not shown

Quick-Fill Plumbing (cont.)

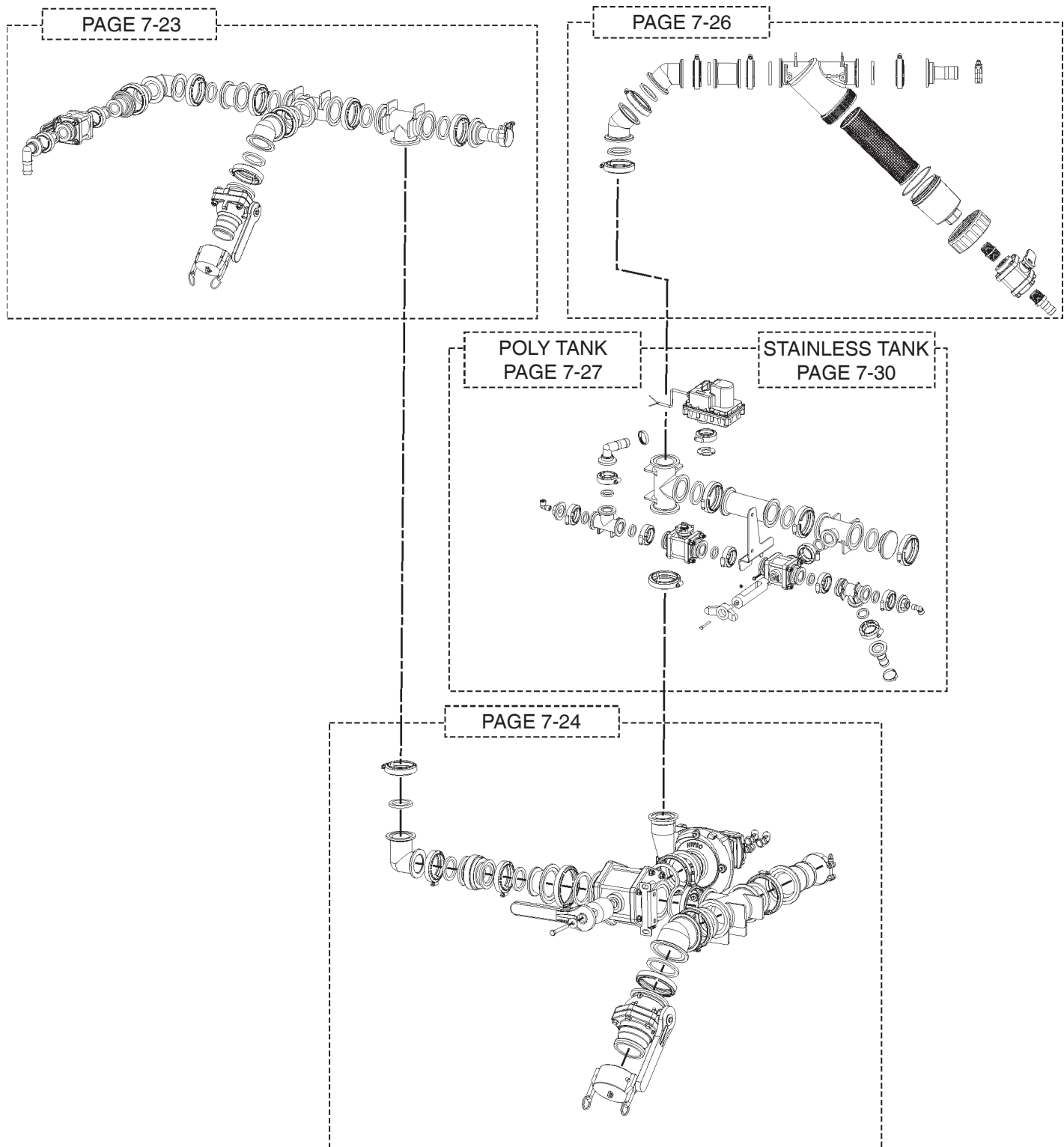
Pump Mounting



Item	Part Number	Qty	Description	Comments
1	630000600	1	Pump, Product 3" Hypro	
2	900002835	2	Bolt, HHCS 3/8-16 x 1 1/2 G5 ZP	
3	901003020	2	Nut, Nylock 3/8-16	
4	902003045	2	Washer, Flat 3/8 ZP	

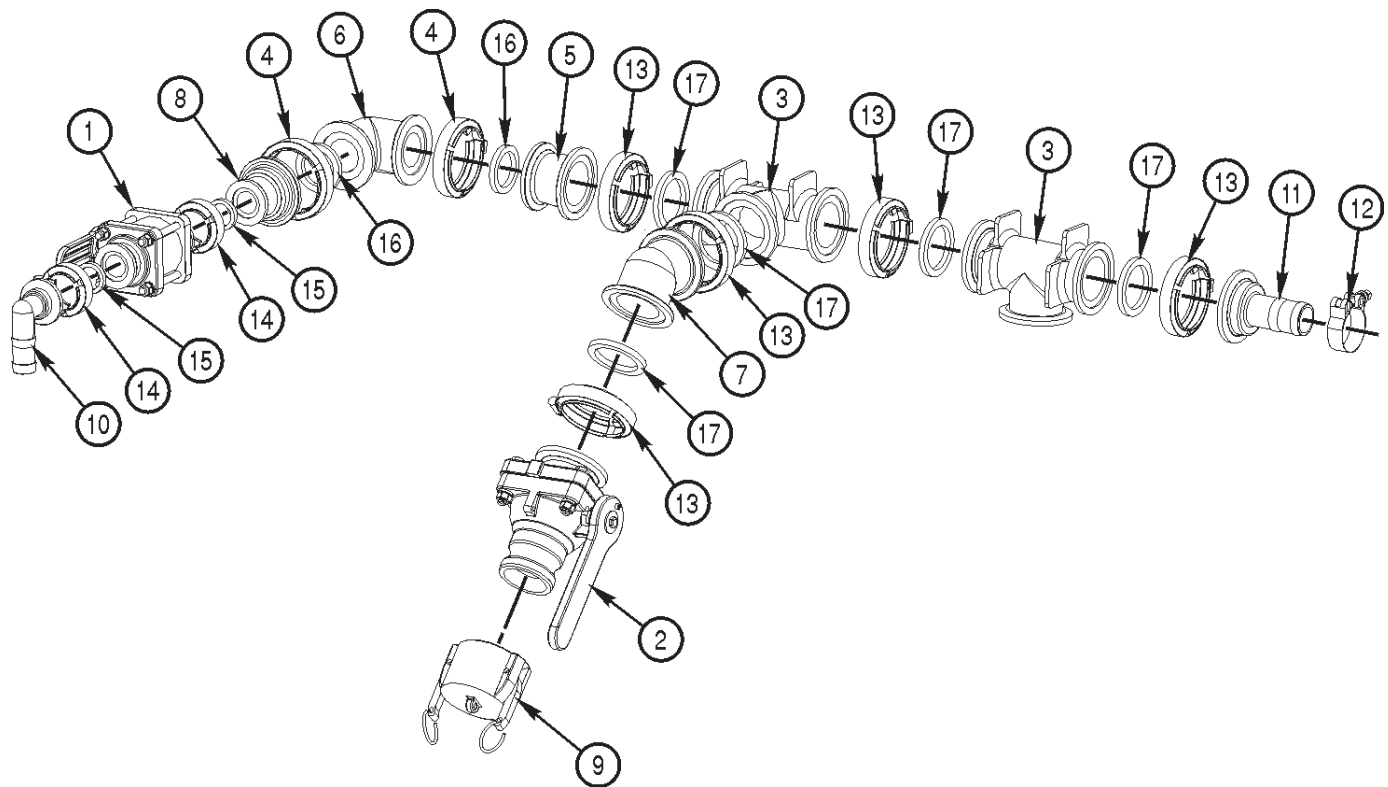
Quick-Fill Plumbing (cont.)

Fill Station Overview



Quick-Fill Plumbing (cont.)

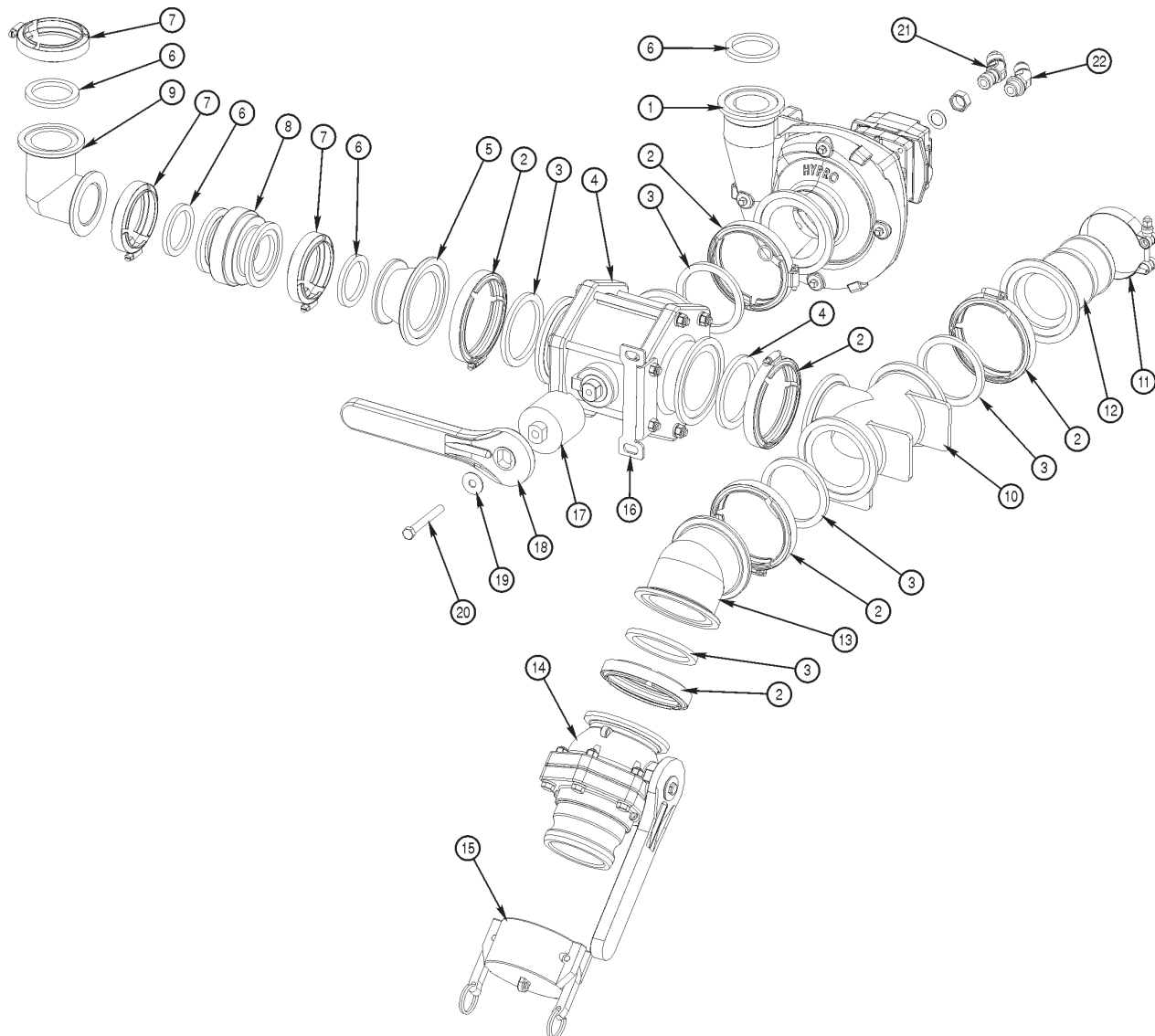
Fill Station Detail 1



Item	Part Number	Qty	Description	Comments
1	640100077	1	Valve, Ball 1" Banjo	
2	640100208	1	Valve 2" FP To QDC Stubby	
3	640100002	2	Fitting, Tee 2" FP Banjo	
4	640100013	2	Clamp, 2" Standard Port Banjo	
5	640100073	1	Fitting, Reducer 220 x 200 Banjo	
6	640100143	1	Coupling, 90 Degree Flange 2" SP Short	
7	640000042	1	Fitting, FP 2" 45 Banjo	
8	640100007	1	Fitting, Reducer 2"-1" Banjo	
9	640000150	1	Cap, 2" Poly	
10	640100023	1	Fitting, 1" Barb x 1 Flange 90 Banjo	
11	640100039	1	Fitting, 2" FP x 1 1/2" Hose Barb Banjo	
12	915003175	1	Clamp, 1 5/16" TC 181	
13	640100011	5	Clamp, 2" Full Port Banjo	
14	640100015	2	Clamp, 1" Banjo	
15	640100016	2	Gasket, 1" Banjo	
16	640100014	2	Gasket, 2" Standard Port Banjo	
17	640100012	5	Gasket, 220 Full Port Banjo	

Quick-Fill Plumbing (cont.)

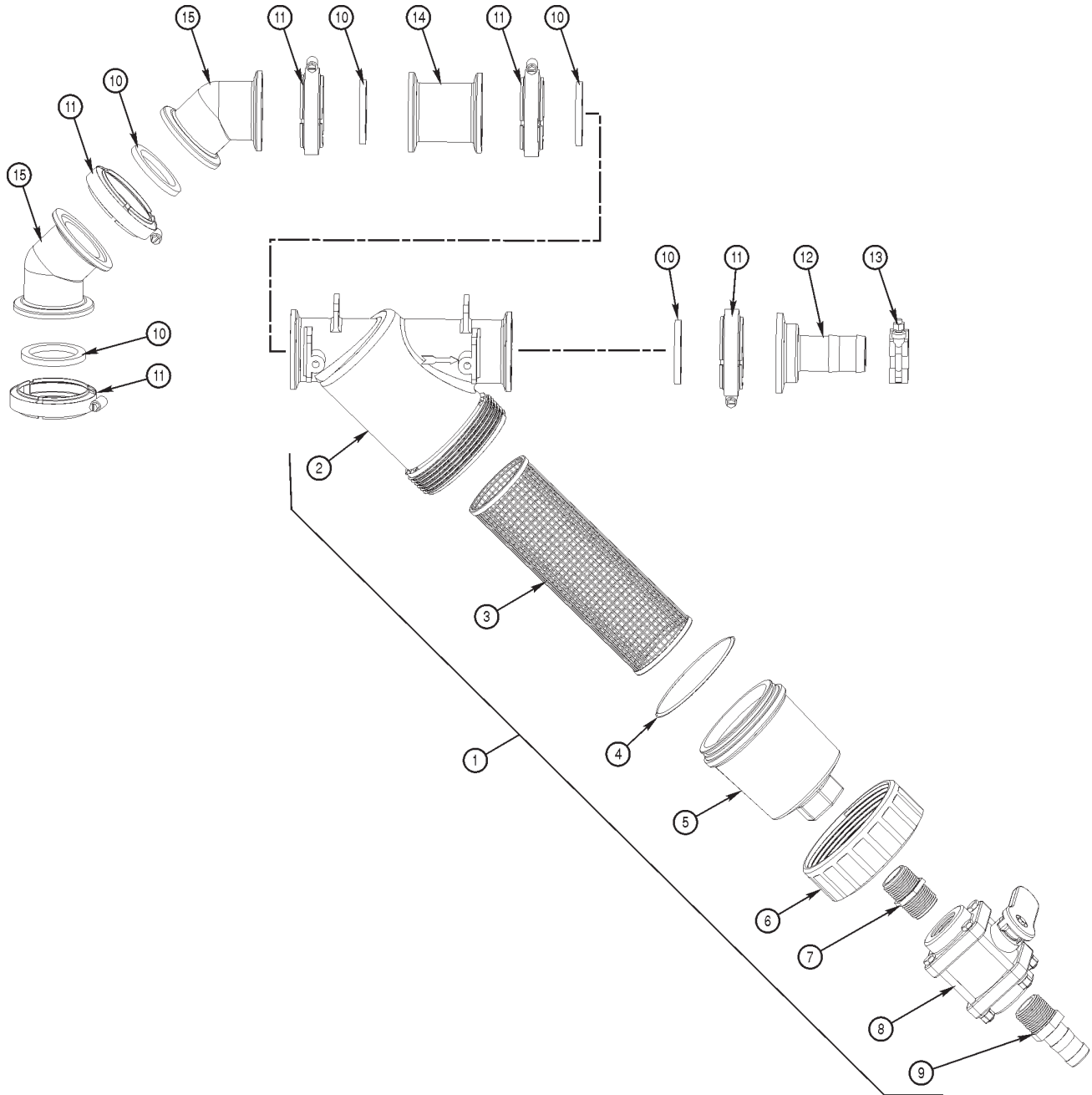
Fill Station Detail 2



Item	Part Number	Qty	Description	Comments
1	630000600	1	Pump, Product 3" Hypro	
2	640100028	6	Clamp, 3" Banjo	
3	640100027	6	Gasket, 300 EPDM Banjo	
4	640100212	1	Valve 3" Manifold Bottom Load	
5	640100047	1	Fitting, 3 x 2 Flange Full Port Reducer	
6	640100012	4	Gasket, 220 Full Port Banjo	
7	640100011	3	Clamp, 2" Full Port Banjo	
8	640100134	1	Valve, Check Banjo Flanged	
9	640100003	1	Fitting, Elbow 90 2" Banjo	
10	640100052	1	Fitting 3" Flange Tee Banjo	
11	915003302	1	Clamp T-Bolt 3" 3.75/4.25 Dixon	
12	640100048	1	Fitting, 3" Flange 3" HB Banjo	
13	640100116	1	Fitting, Flange Coupling 45 Degree Elbow 3"	
14	640100213	1	Valve 3" FP To QDC Stubby	
15	640100118	1	Cap For Cam Lever Male Adapter 3"	
16	690000036	1	Bracket, Fill Station, Lower QF	
17	690000040	1	Riser, MV300BL, QF	
18	640100149	1	Handle, Straight Banjo, 2" and 3" BL Valves	
19	640100151	1	Washer, SS Banjo Handle	
20	900002856	1	Bolt, HHCS 3/8-16 x 2 3/4" G5	
21	800302503	1	Fitting, 10 FLM x 10 ORM 45	
22	800302502	1	Fitting, 8 FLM x 8 ORM 45	

Quick-Fill Plumbing (cont.)

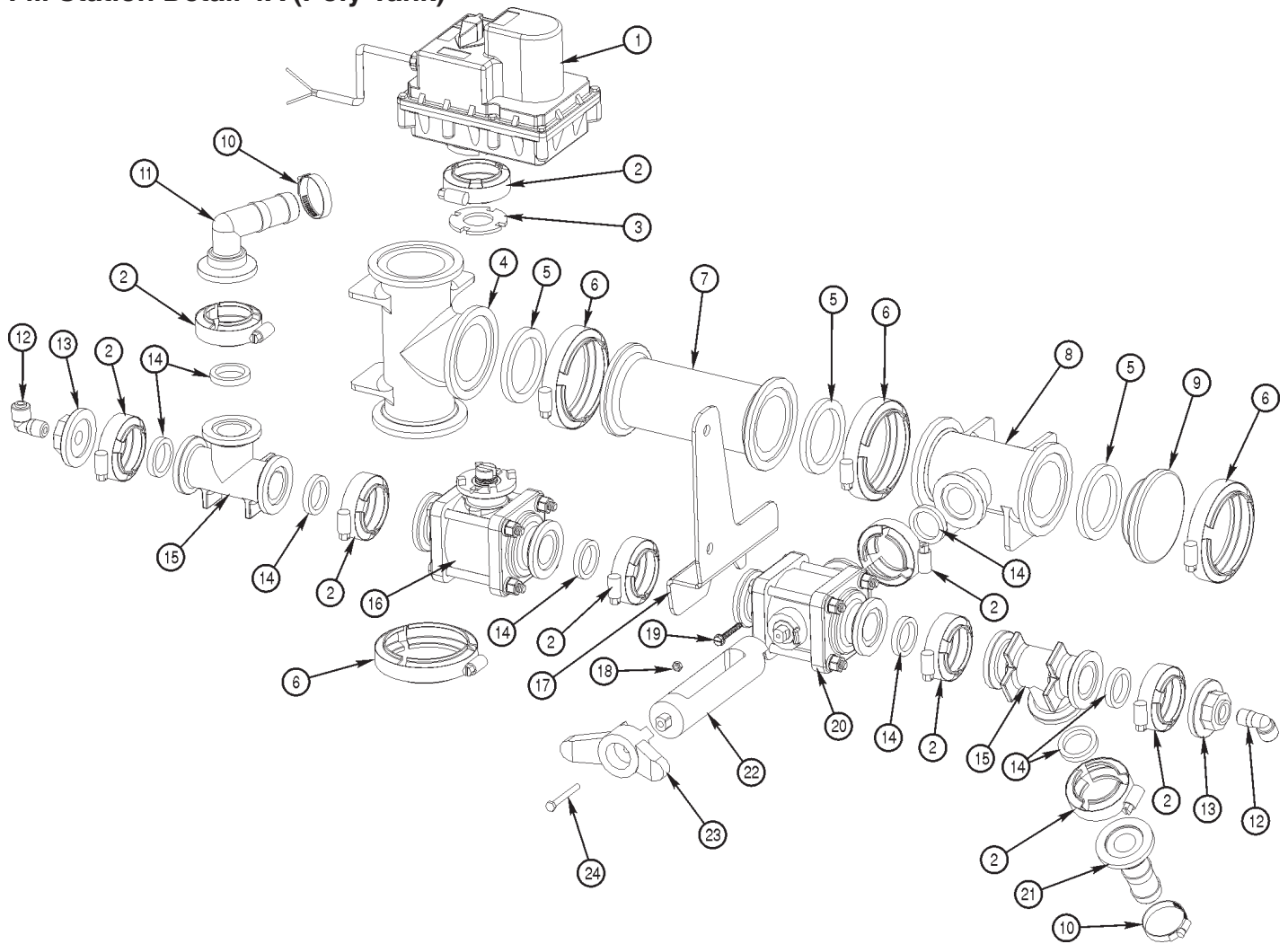
Fill Station Detail 3



Item	Part Number	Qty	Description	Comments
1	640100209	1	Assembly, Strainer "Y" Manifold 2" FP 50 Mesh	Includes items 2 through 9.
2	640400029	1	2" Flanged Y Strainer - Body Only	
3	640400020	1	Screen, Strainer 2" Y Full Port 50 Mesh	
4	640400024	1	Gasket, Body 2" Main	
5	640400028	1	2" Flanged Y Strainer Cap	
6	640400027	1	2" Flanged Y Strainer Ring	
7	640000720	1	Nipple, 1" Short Poly	
8	640001575	1	Valve, 1" Full Port Poly	
9	640000420	1	Hose Barb 1"	
10	640100012	5	Gasket, 220 Full Port Banjo	
11	640100011	5	Clamp, 2" Full Port Banjo	
12	640100039	1	Fitting, 2" FP x 1 1/2" Hose Barb Banjo	
13	915003175	1	Clamp, 1 5/16 TC 181	
14	640100042	1	Fitting, Extension 2" FP Banjo	
15	640000042	2	Fitting, FP 2" 45 Banjo	

Quick-Fill Plumbing (cont.)

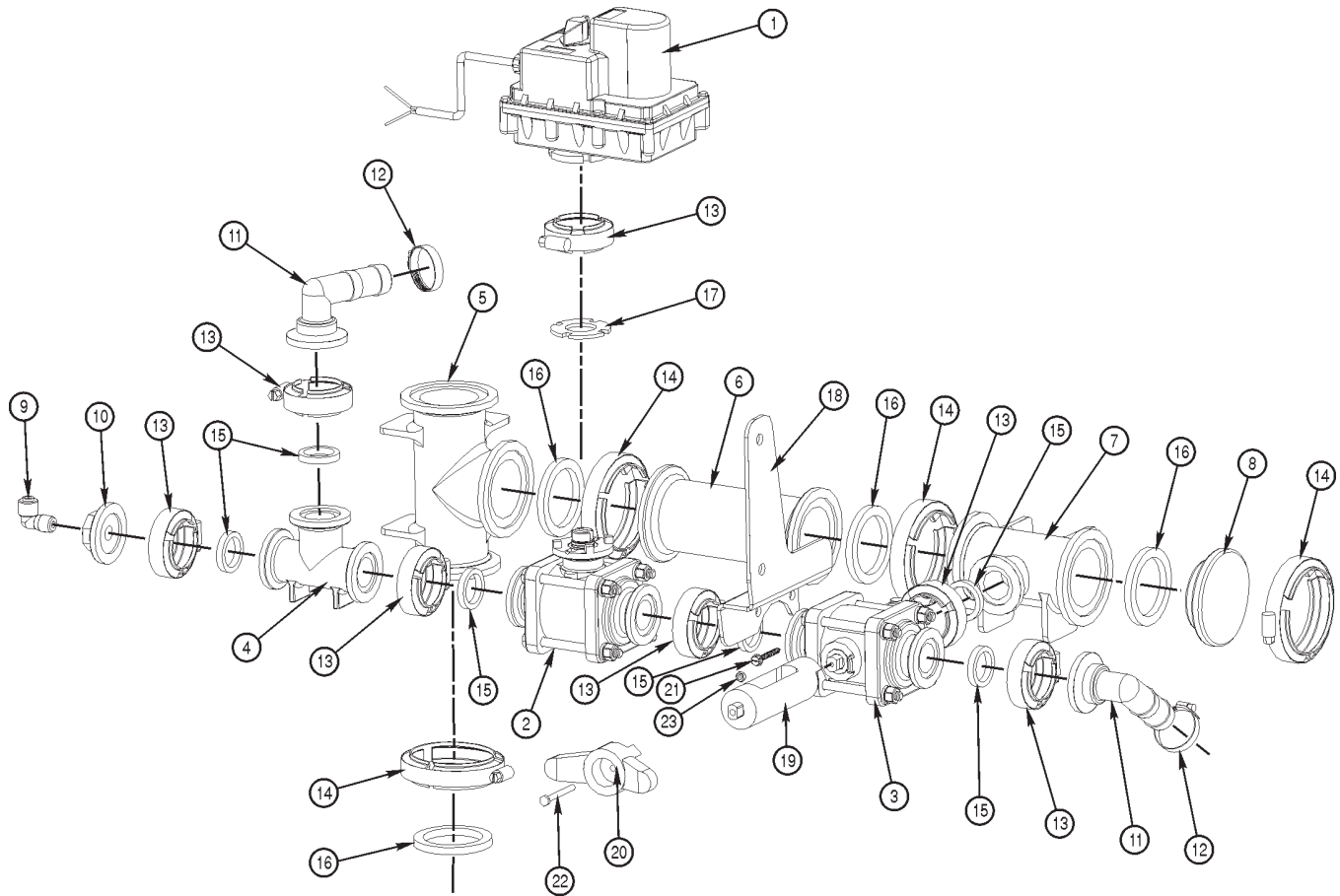
Fill Station Detail 4A (Poly Tank)



Item	Part Number	Qty	Description	Comments
1A	660000300	1	Valve Assembly, Agitation Banjo	
1B	660000301	1	Motor, Only Agitation	
2	640100015	9	Clamp, 1" Banjo	
3	660000305	1	Gasket	Between ball valve and motor
4	640100002	1	Fitting, 2" Flange Tee Banjo	
5	640100012	4	Gasket, 220 Full Port Banjo	
6	640100011	4	Clamp 2" Full Port Banjo	
7	640100206	1	Fitting, Coupling 2" FP Straight 6"	
8	640400007	1	Tee 2" Full Port To 1"	
9	640400018	1	Fitting, Flange Plug 2" Full Port	
10	915000500	2	Clamp, Screw #16 x 1"	
11	640100023	1	Fitting 1" Barb X 1" Flange 90 Banjo	
12	640020000	2	Fitting, 1/4 Popit 90 Degree	
13	640400011	2	Cap 1" With 1/4" Port	
14	640100016	8	Gasket, 1" Banjo	
15	640100024	1	Fitting, 1" Flange Tee Banjo	
16	660000302	1	Ball Valve Only, Agitation	
17	690000034	1	Bracket, Fill Station Right	
18	901002899	1	Nut, Nylock 10-24 ZP	
19	930000014	1	Screw Drill Pt Hex Washer 10 x 1-3/4" SS	
20	640400010	1	Valve, 3-Way 1"	
21	640100053	1	Fitting Hose Barb 1" Banjo	
22	690000037	1	Riser, MV100BL	
23	640100150	1	Handle, Tee Banjo, 1" BL Valve	
24	900002439	1	Screw, 10-24 x 1 3/4" Buttonhead	

Quick-Fill Plumbing (cont.)

Fill Station Detail 4B (Stainless Tank)

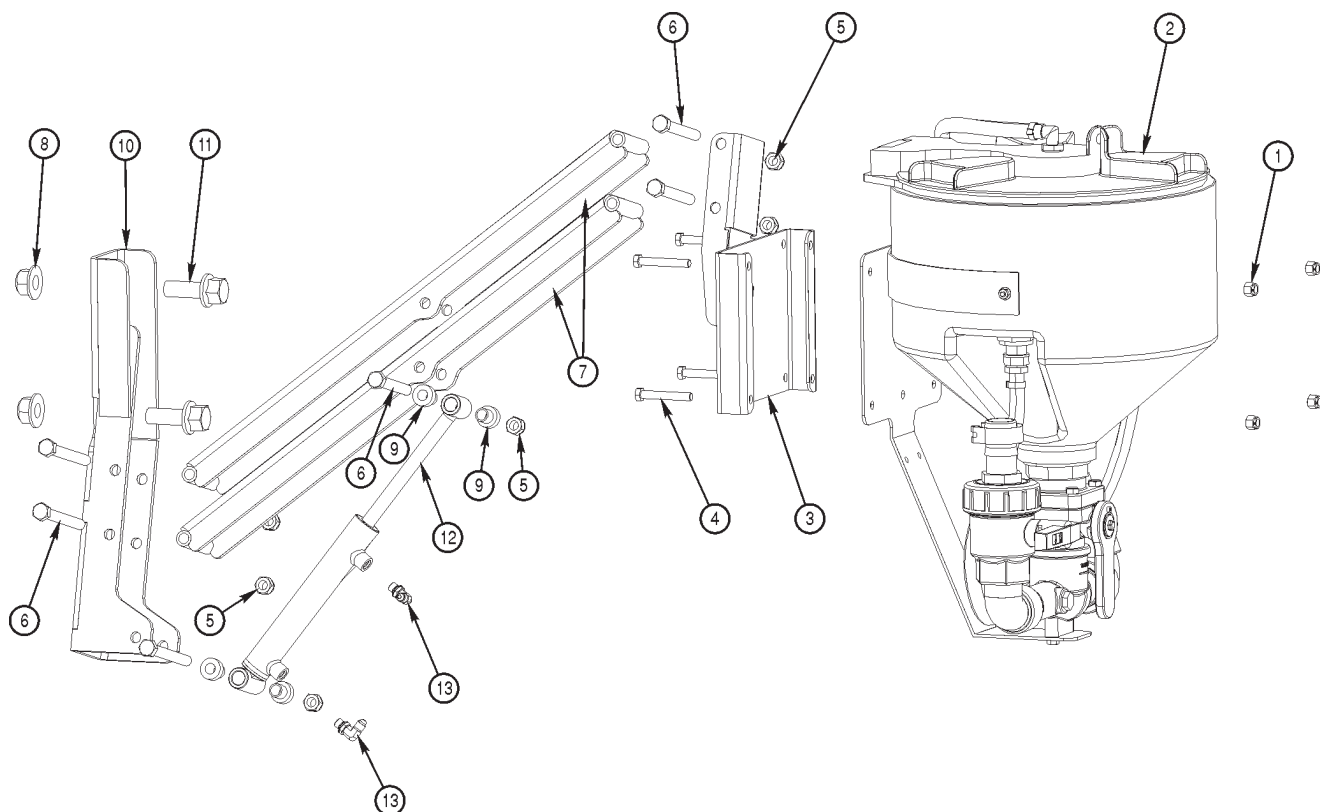


Item	Part Number	Qty	Description	Comments
1A	660000300	1	Valve Assembly, Agitation Banjo	
1B	660000301	1	Motor, Only Agitation	
2	660000302	1	Ball Valve Only, Agitation	
3	640400010	1	Valve, 3 Way 1"	
4	640100024	1	Fitting, 1" Flange Tee Banjo	
5	640100002	1	Fitting, 2" Flange Tee Banjo	
6	640100206	1	Fitting, Coupling 2" FP Straight 6"	
7	640400007	1	Tee 2" Full Port To 1"	
8	640400018	1	Fitting, Flange Plug 2" Full Port	
9	640020000	1	Fitting, 1/4 Popit 90 Degree	
10	640400011	1	Cap 1" With 1/4" Port	
11	640100023	1	Fitting, 1 Barb x 1 Flange 90 Banjo	
12	915000500	2	Clamp, Screw #16 1"	
13	640100015	7	Clamp, 1" Banjo	
14	640100011	4	Clamp 2" Full Port Banjo	
15	640100016	6	Gasket, 1" Banjo	
16	640100012	4	Gasket, 220 Full Port Banjo	
17	660000305	1	Gasket	Between ball valve and motor
18	690000034	1	Bracket, Fill Station Right	
19	690000038	1	Riser, MV100BL, QF	
20	640100150	1	Handle, Tee Banjo, 1" BL Valve	
21	930000014	1	Screw Drill Pt Hex Washer 10 x 1-3/4" SS	
22	900002439	1	Screw, 10-24 x 1 3/4" Buttonhead	
23	901002899	1	Nut, Nylock 10-24 ZP	

[illegible]

Inductor

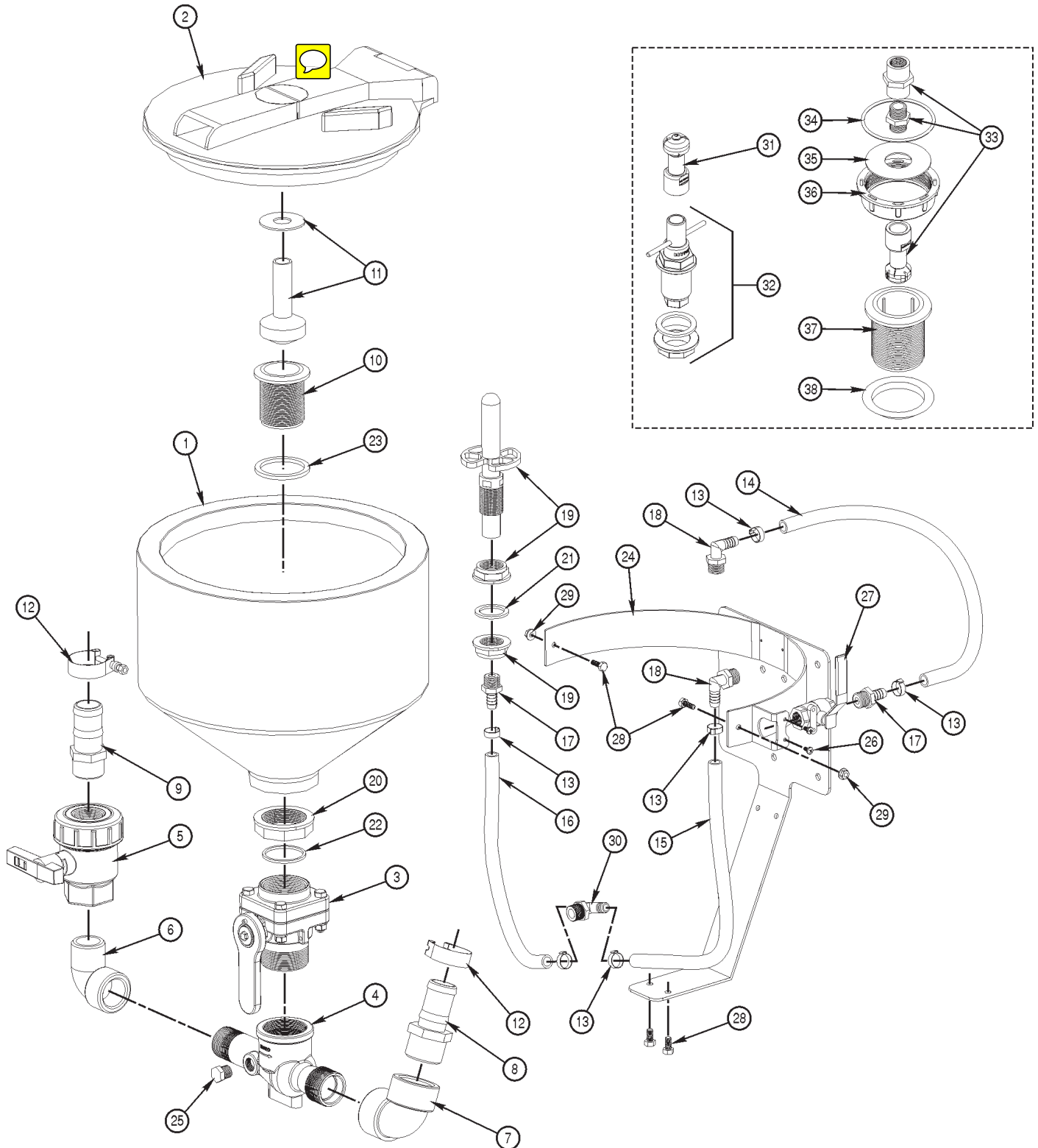
Mounting and Detail 1



Item	Part Number	Qty	Description	Comments
1	901003020	4	Nut, Nylock 3/8-16 ZP	
2	630100006	1	Inductor, Hypro assembly	
3	697000002	1	Bracket, Inductor Tank Hydraulic Assist	
4	900002855	4	Bolt, HHCS 3/8-16 x 2 1/2 G5 ZP	
5	901003040	6	Nut, Nylock 1/2-13 ZP	
6	900003302	6	Bolt, HHCS 1/2-13 x 4 1/2 G5 ZP	
7	697000000	2	Link, Inductor Hydraulic Assist	
8	100100005	2	Nut, 3/4-10 Salt Bath	
9	697000003	4	Bushing Flanged .5" x .64" x .63"	
10	697000001	1	Bracket, Inductor Frame Hydraulic Assist	
11	100100006	2	Bolt, 3/4-10 x 2 Salt Bath	
12	850000124	1	Cylinder, Entry Ladder Fold	
13	800302240	2	Fitting, 4 ORM x 4 FLM 90	
	640100210	1	Fitting, Hose Mender	Not shown
	690001827	1	Hose, Inductor to Product Tank	Not shown
	RM800876		Hose, apache 1-1/2" Lay Flat	Order by the foot, not shown
	K65000196		Kit, Chemical Inductor Poly Tank	
	K65000240		Kit, Chemical Inductor Stainless Tank	

Inductor (cont.)

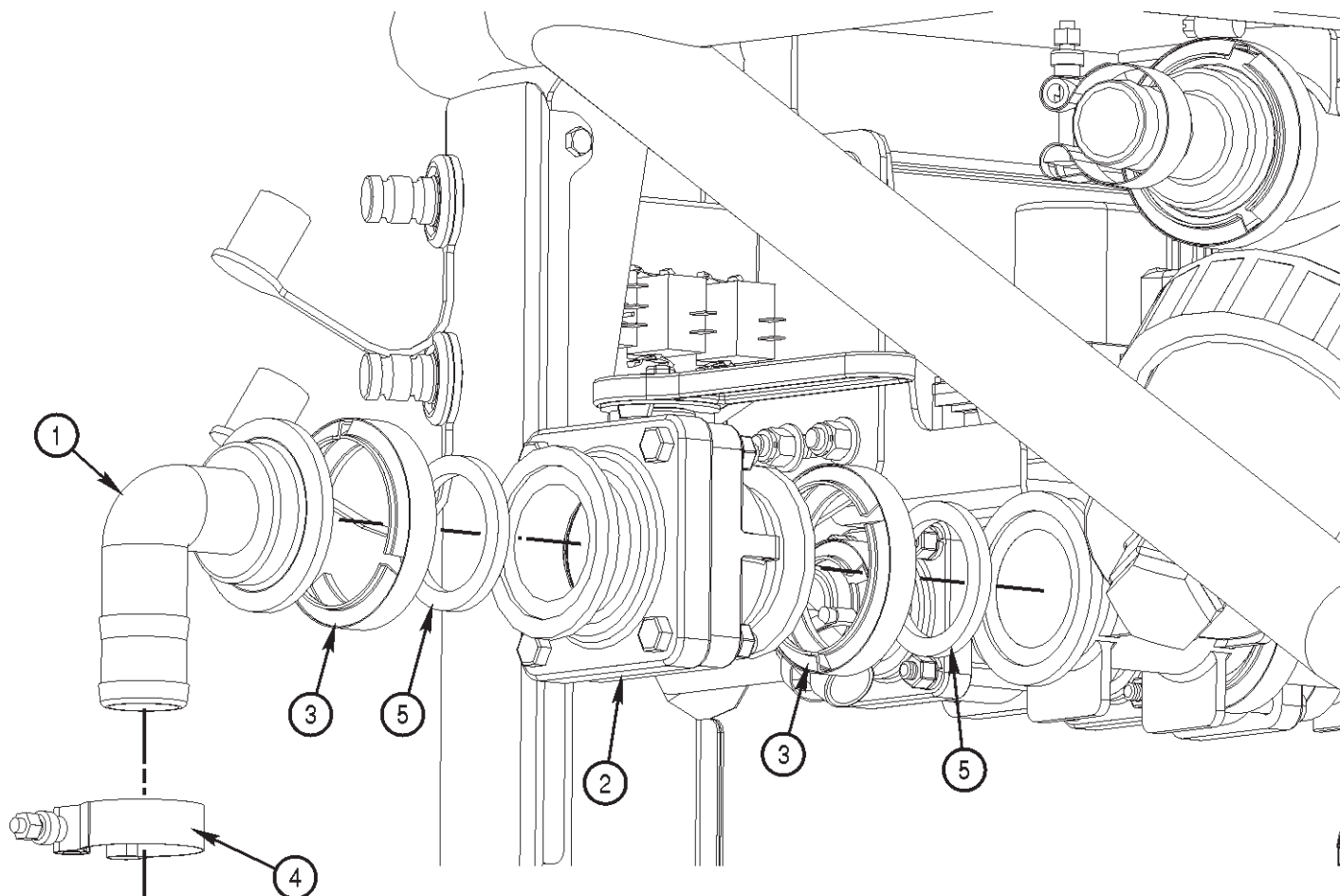
Detail 2



Item	Part Number	Qty	Description	Comments
1	640500008	1	Tank, 5.5 Gallon Hypro	
2	696000000	1	Lid, Inductor Tank	
3	640500035	1	Ball Valve, 2 Way, Hypro Stubby	
4	640500000	1	Inductor, Machined Hypro	
5	640500036	1	Ball Valve, 1.25" Single Union, Hypro	
6	640400012	1	Elbow, Street 1 1/4"	
7	640000230	1	Elbow, 1 1/2" NPT 90 Banjo	
8	640400014	1	Hose Barb 1.5 NPT To 1.5 Hose	
9	640400013	1	Hose Barb 1.25 NPT To 1.5 Hose	
10	640500006	1	Drain Head	
11	640500041	1	Tank Rinse Head Assembly	
12	934000001	3	TC 150 T-Bolt Hose Clamp 1.5"-1.75"	
13	640500023	6	Clamp, Hose	
14	640500025	1	Hose	Tank Rinse
15	640500026	1	Hose	Feeder Valve
16	640500024	1	Hose	Bottle Rinse
17	640500016	2	Hose Barb, 1/2" Male NPT x 1/2" HB	
18	640500019	2	Hose Barb, Elbow 1/2" Male NPT x 1/2" HB	
19A	640500037	1	Bottle Rinse Head Base Assembly	
19B	640500038	1	Bottle Rinse Head, Top Half Only	
20	640500009	1	Locking Ring, 2"	
21	640500015	1	Gasket, 1"	
22	640500005	1	Gasket, 2" BSP Hypro	
23	640500034	1	Gasket 2", Tapered, Hypro	
24	640500010	1	Frame, Back Mount	
25	640500001	1	Plug, 1/2" Hypro	
26	640500022	2	Screw, 10-32 x 0.375 SS Hypro	
27	640500021	1	Valve, Rinse 1/2" SS	
28	640500012	4	Bolt, Hex Head 1/4-20 x 3/4	
29	640500013	4	Nut, Flange 1/4-20	
30	640500002	1	Fitting, Tee 1/2" NPT to 1/2" HB	
31	640500038	1	Bottle Rinse Head, Top Half Only	Included with Item # 41
32A	640500037	1	Bottle Rinse Head Assembly	New Style (black/grey)
32B	640500014	1	Bottle Rinse Head Assembly	Old Style (white)
33	640500041	1	Tank Rinse Head Assembly	
34	640500044	1	O-Ring, Breather Inductor	
35	640500046	1	Splash Guard, Inductor	
36	640500045	1	Nut, Breather Inductor	
37	640500006	1	Drain Head	
38	640500034	1	Gasket 2", Tapered, Hypro	
	640100210	1	Fitting, Hose Mender	Not shown
	690001827	1	Hose, Inductor to Product Tank	Not shown
	640500039	1	Valve, 1/2" Hypro	Not shown
	RM800876		Hose, Apache 1-1/2" Lay Flat	Order by the foot, not shown
	915003175	2	Clamp 1-5/16" TC 181	Not shown

Inductor (cont.)

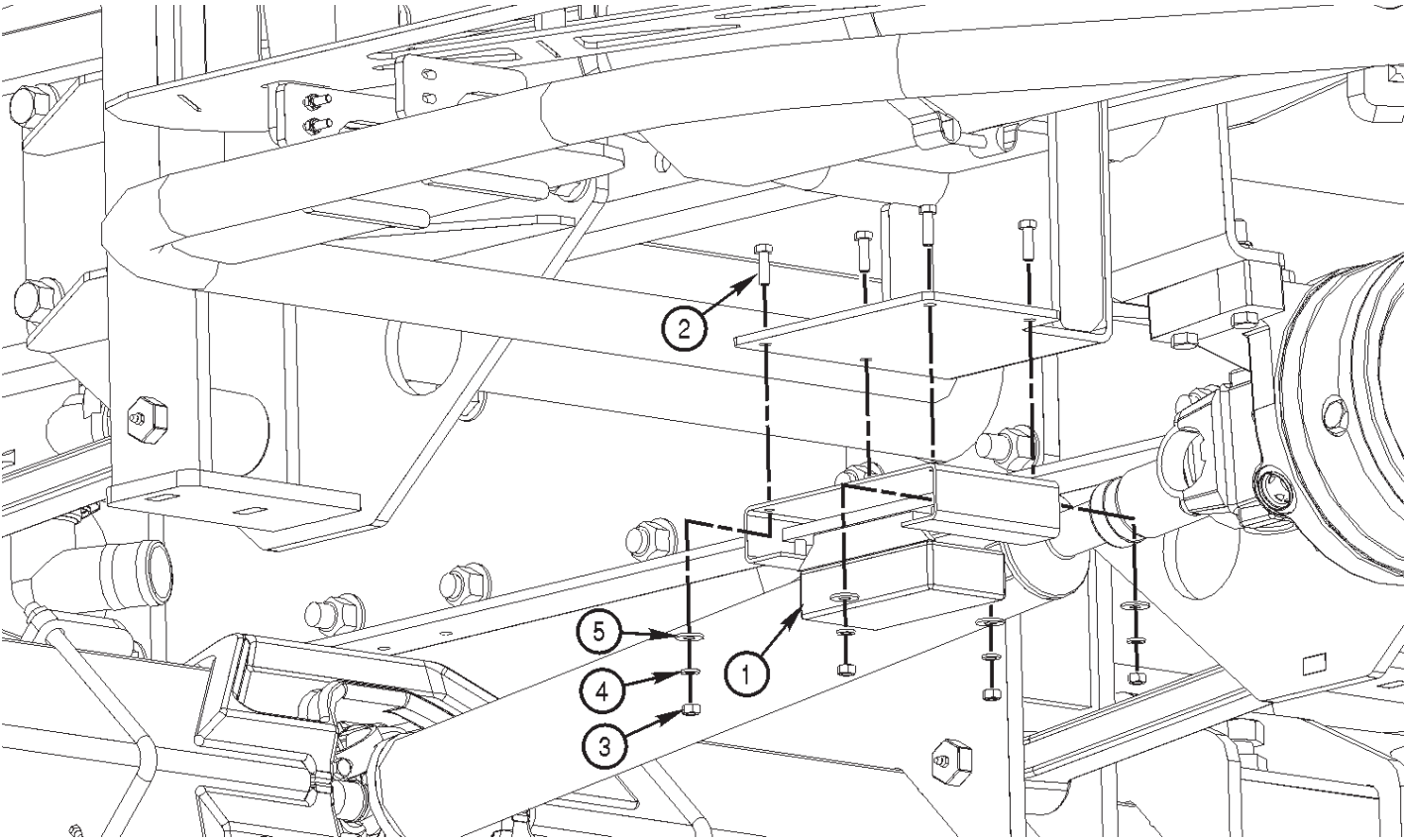
Detail 3



Item	Part Number	Qty	Description	Comments
1	640400009	1	Elbow 2" Full Port To 1.5 Hose Barb 90	
2	640100207	1	Valve 2" FP Both Ends Stubby	
3	640100011	2	Clamp, 2" Full Port Banjo	
4	934000001	1	TC 150 T-Bolt Hose Clamp 1.5"-1.75"	
5	640100012	2	Gasket, 220 Full Port Banjo	

Radar Speed Sensor

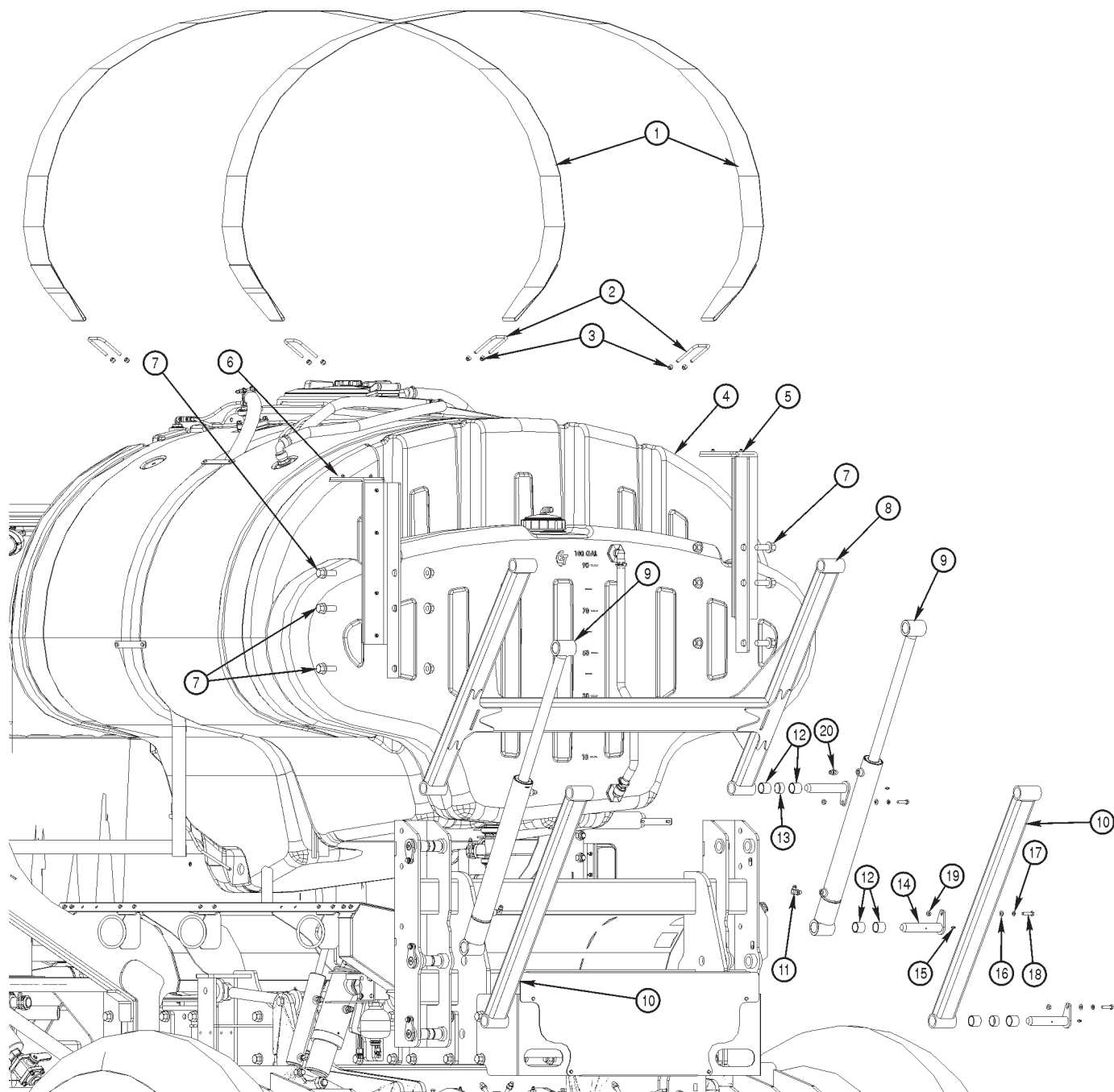
All Models



Item	Part Number	Qty	Description	Comments
1	611000074	1	Radar Unit	
2	900002610	4	Bolt, HHCS 5/16-18 x 1 G5 ZP	
3	901000715	4	Nut, FHNT 5/16-18 G5 ZP	
4	902201095	4	Washer, Lock 5/16" ZP	
5	902003195	4	Washer, Flat 5/16 G5 ZP	
	700000000	1	Connector, Raven Radar	Not shown

Product Tank, Rinse Tank and Parallel Arm Mounting

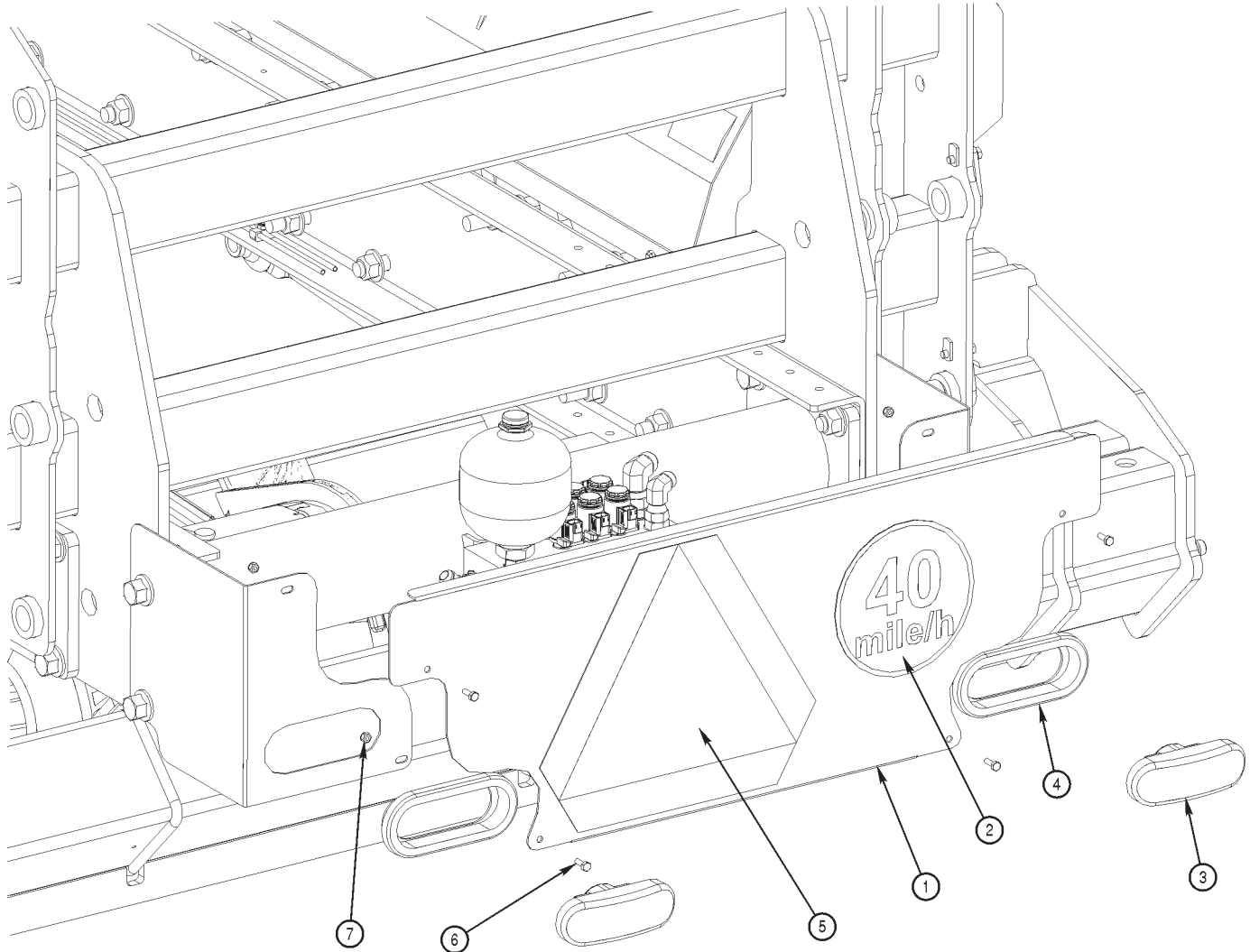
All Models



Item	Part Number	Qty	Description	Comments
1A	620007666	2	Strap, 750 Poly, 2013, 5" x 134.5" Long	
1B	620007667	2	Strap, 1000 Poly, 2013, 5" x 152.5" Long	
1C	620007668	2	Strap, 1200 Poly, 2013, 5" x 169.0" Long	
2	915002525	4	U-Bolt Tank Strap 3/8-16 Thread 3.125 Wide 3.75 Tall	Poly Tanks Only
3	901003020	8	Nut, Nylock 3/8-16	
4A	620000471	1	Tank, Poly, 750 Gallon, 2013	
4B	620000472	1	Tank, Poly, 1000 Gallon, 2013	
4C	620000473	1	Tank, Poly, 1200 Gallon, 2013	
4D	620000465	1	Tank, Stainless, 750 Gallon	
4E	620000466	1	Tank, Stainless, 1000 Gallon	
4F	620000467	1	Tank, Stainless, 1200 Gallon	
5	601000058	1	Rinse Tank Hold Down R/H	
6	601000059	1	Rinse Tank Hold Down L/H	
7	100100006	6	Bolt, 3/4-10 x 2 Salt Bath	
8	632000000	1	H-Bar 2013	
9	850000133	2	Cylinder Boom Rack 2013	Seal Kit P/N 600901408
10	632000001	2	Parallel Arm 2013	
11	800404215	2	Fitting, 6 FLF x 6 ORM 90	
12	601000040	24	Bushing, Bronze	
13	601000041	10	Bushing Spacer Parallel arm	
14	601000050	12	Flag Pin, Parallel arm	
15	915003000	12	Zerk 1/8 NPT Straight	
16	902003200	12	Washer, Flat 3/8 IN ZP	
17	902201090	12	Washer, Lock 3/8 IN ZP	
18	900002835	12	Bolt, HHCS 3/8-16 x 1 1/2 G5 ZP	
19	901101201	6	Nut, Spin Lock 3/8-16 G5	
20	800302182	2	Fitting, 6 FLF x 6 ORM	

Rear Cover

All Models

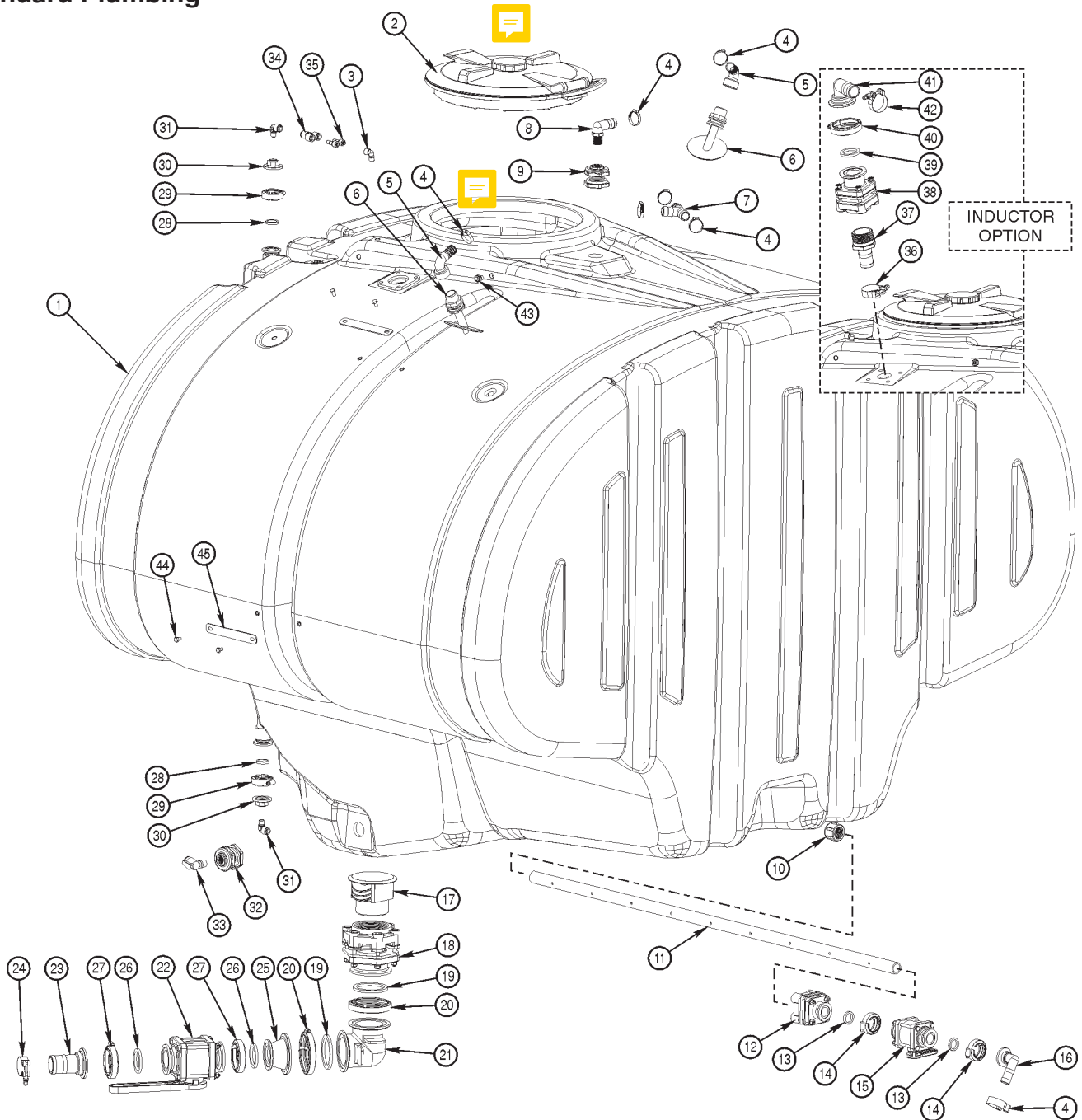


Item	Part Number	Qty	Description	Comments
1	100108006	1	Cover, Rear Frame Center	
2A	420306024	1	Decal, SIS 40 mile/hr	
2B	420306023	1	Decal, SIS 35 mile/hr	
3	710000202	2	Light, Tail and Stop Red LED	
4	710000203	2	Grommet, Tail Light	
5	420306022	1	Decal, Slow moving vehicle	
6	900002600	4	Bolt, HHCS 5/16-18 X 3/4 G5 ZP	
7	901003010	4	Nut, Nylock 5/16-18 ZP	
	420306048	1	Decal Set, Warning Inside	Not shown
	420306064	1	Decal Set, Warning Outside	Not shown
	620000475	2	Decal Set, 750P, Top	Not shown
	620000476	2	Decal Set, 1000P, Top	Not shown
	620000477	2	Decal Set, 1200P, Top	Not shown
	620000478	2	Decal Set, Product, Bottom	Not shown

[illegible]

Poly Product Tank

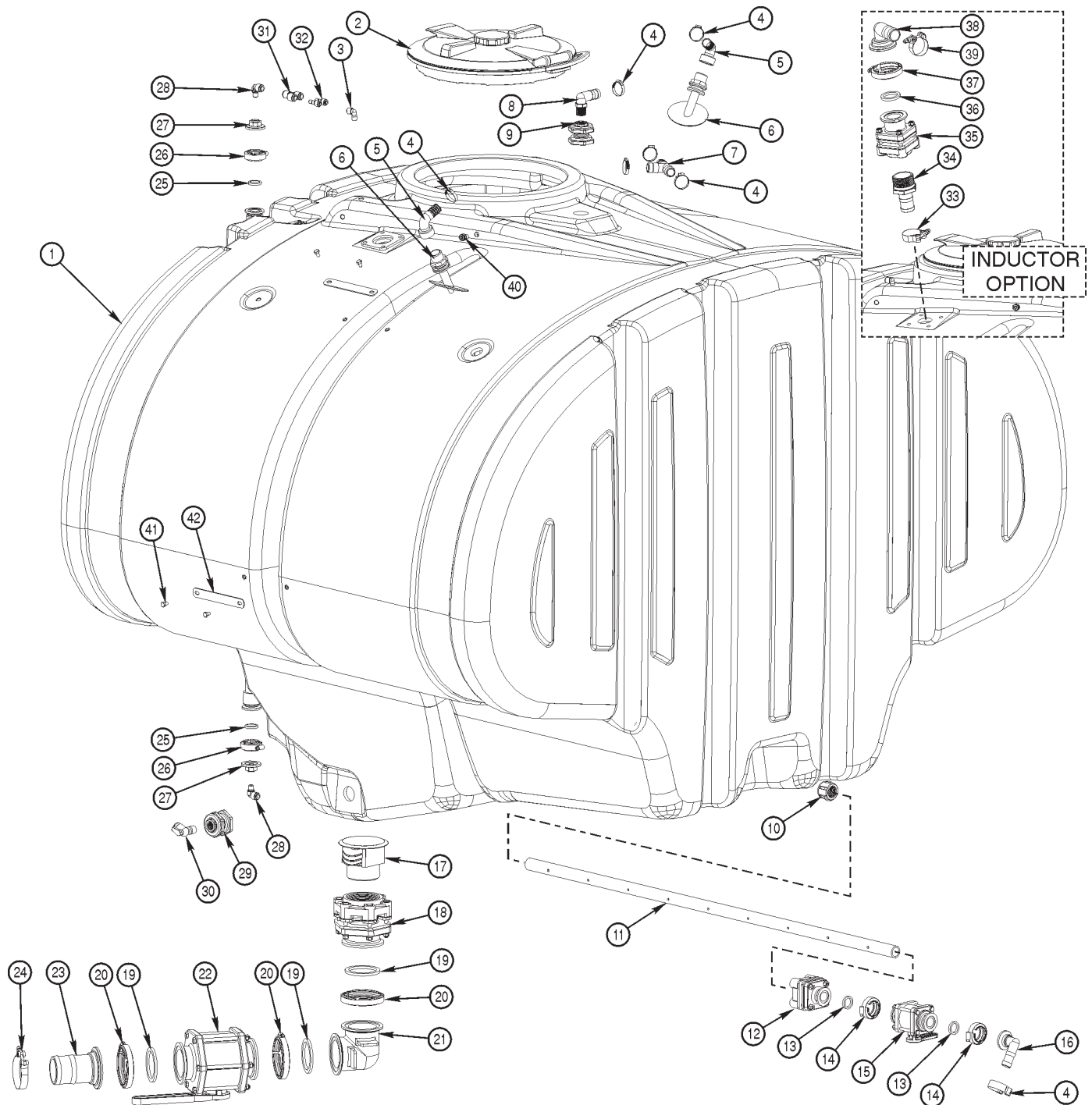
Standard Plumbing



Item	Part Number	Qty	Description	Comments
1A	620000471	1	Tank, Poly, 750 Gallon, 2013	
1B	620000472	1	Tank, Poly, 1000 Gallon, 2013	
1C	620000473	1	Tank, Poly, 1200 Gallon, 2013	
2	620005026	1	Lid, 16" Assembly, Product Tank	
3	640020000	1	Fitting, 1/4" Popit 90 Degree	
4	915000500	7	Clamp, Screw #16 1"	
5	620000201	2	Fitting, Roto-Flush Elbow	
6	620000200	2	Roto-Flush Nozzle	
7	640000475	1	Tee, Hose Barb 1"	
8	640000620	1	Fitting, 0.75 Pipe T 1" Hose Elbow 90	
9	640000050	1	Flange Assembly Tank Poly	
10	640000100	1	Cap, 1" Poly	
11	620000451	1	Agitation Tube	
12	640100075	1	Fitting, Tank Flange 1" Banjo	
13	640100016	2	Gasket, 1" Banjo	
14	640100015	2	Clamp, 1" Banjo	
15	640100077	1	Valve, Ball 1" Banjo	
16	640100023	1	Fitting, 1" BRB x 1" Flange 90 Banjo	
17	640100129	1	Fitting, 3" Anti Siphon	
18	640100128	1	Fitting, 3" BTM Drain	
19	640100027	2	Gasket, 300 EPDM Banjo	
20	640100028	2	Clamp, 3" Banjo	
21	640100050	1	Fitting 3 x 3 Flange 90 Banjo	
22	640100001	1	Valve, 2" Full Port Banjo	
23	640100005	1	Fitting, 2" Hose Barb Banjo	
24	915003300	1	Clamp, 2" TC 231	
25	640100047	1	Fitting, 3 x 2 Flange Full Port	
26	640100012	2	Gasket 220 Full Port Banjo	
27	640100011	2	Clamp 2" Full Port Banjo	
28	640100016	2	Gasket Clamp 1" Banjo	
29	640100015	2	Clamp 1" Banjo	
30	640400011	2	Cap 1" With 1/4 Port	
31	654000003	2	Fitting 1/4" NPT To 3/8" PTC 90	
32	640100135	1	Bulkhead 1/2"	
33	654000002	1	Ball Valve 1/2" NPT to 3/8" PTC	
34	654000004	1	Fitting 3/8" PTC Y Union	
35	654000005	2	Fitting 3/8" Tube to 1/4" PTC Reducer	
36	915003201	1	Clamp, 1 1/4" TC 162	
37	640000470	1	Hose Barb, 2" Pipe To 1.5" Hose	
38	640100148	1	Fitting, Tank Flange 2" Std Manifold	
39	640100014	1	Gasket 2" Standard Port Banjo	
40	640100013	1	Clamp, 2" Standard Port	
41	640100085	1	2" Std Port Flange x 1.5" Hose Barb 90	
42	915003175	1	Clamp, 1 5/16 TC 181	
43	640020002	1	Fitting, 1/4 MPT x 1/4 Compression	
44	900000612	6	Bolt, HHCS 5/16-18 x 1/2 G5	
45	620000120	3	Strap Bar, Roto-Flush Hose	

Poly Product Tank (cont.)

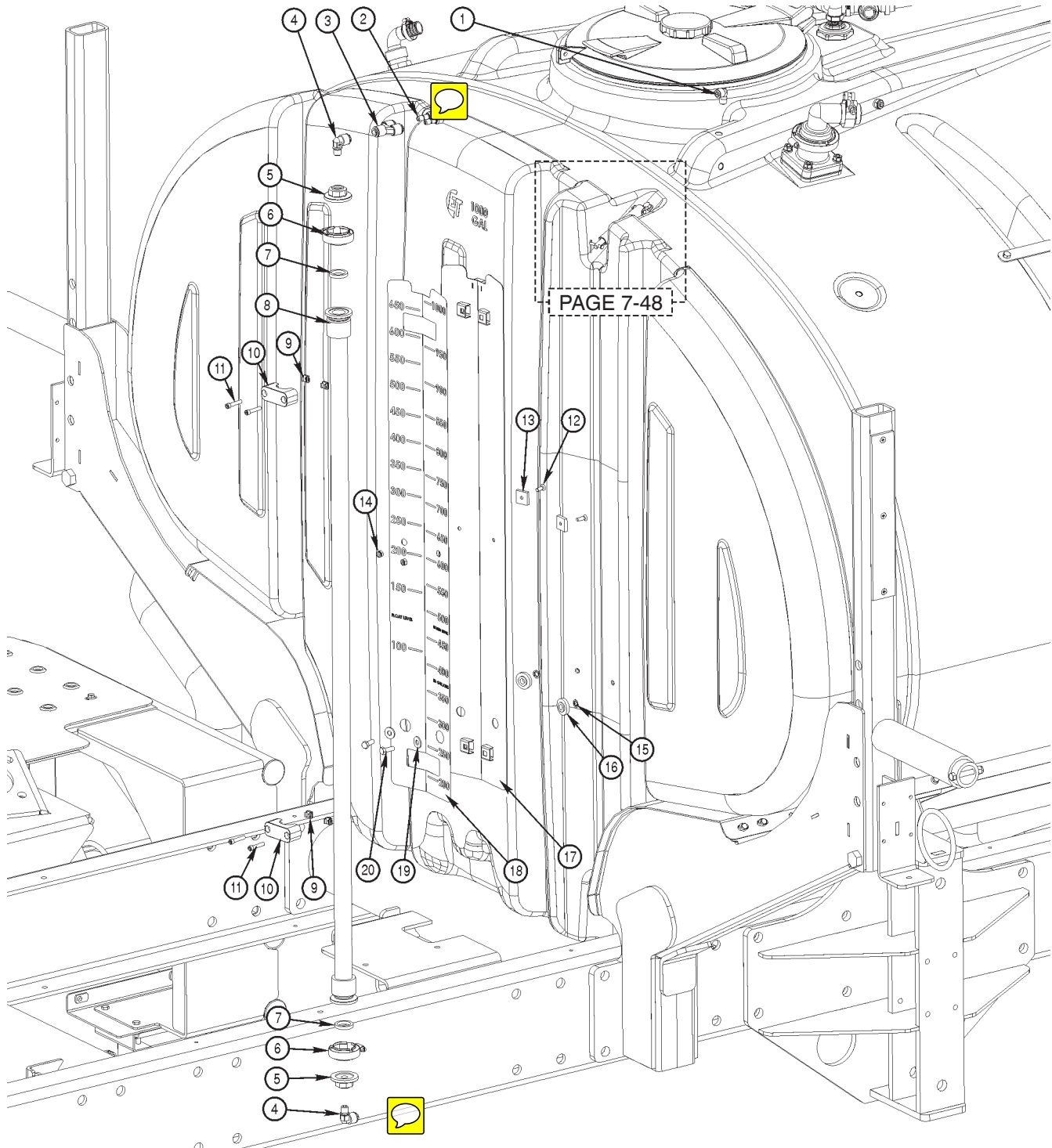
Quick Fill Plumbing



Item	Part Number	Qty	Description	Comments
1A	620000471	1	Tank, Poly, 750 Gallon, 2013	
1B	620000472	1	Tank, Poly, 1000 Gallon, 2013	
1C	620000473	1	Tank, Poly, 1200 Gallon, 2013	
2	620005026	1	Lid, 16" Assembly, Product Tank	
3	640020000	1	Fitting, 1/4" Popit 90 Degree	
4	915000500	7	Clamp, Screw #16 1"	
5	620000201	2	Fitting, Roto-Flush Elbow	
6	620000200	2	Roto-Flush Nozzle	
7	640000475	1	Tee, Hose Barb 1"	
8	640000620	1	Fitting, 0.75 Pipe T 1" Hose Elbow 90	
9	640000050	1	Flange Assembly Tank Poly	
10	640000100	1	Cap, 1" Poly	
11	620000451	1	Agitation Tube	
12	640100075	1	Fitting, Tank Flange 1" Banjo	
13	640100016	2	Gasket, 1" Banjo	
14	640100015	2	Clamp, 1" Banjo	
15	640100077	1	Valve, Ball 1" Banjo	
16	640100023	1	Fitting, 1" BRB x 1" Flange 90 Banjo	
17	640100129	1	Fitting, 3" Anti Siphon	
18	640100128	1	Fitting, 3" BTM Drain	
19	640100027	3	Gasket, 300 EPDM Banjo	
20	640100028	3	Clamp, 3" Banjo	
21	640100050	1	Fitting 3X 3 Flange 90 Banjo	
22	640100061	1	Valve, Ball 3" Flange Banjo	
23	640100048	1	Fitting, 3" Flange 3" HB Banjo	
24	915003301	1	Clamp, 3" TC 331	
25	640100016	2	Gasket Clamp 1" Banjo	
26	640100015	2	Clamp 1" Banjo	
27	640400011	2	Cap 1" With 1/4 Port	
28	654000003	2	Fitting 1/4" NPT To 3/8" PTC 90	
29	640100135	1	Bulkhead 1/2"	
30	654000002	1	Ball Valve 1/2" NPT to 3/8" PTC	
31	654000004	1	Fitting 3/8" PTC Y Union	
32	654000005	2	Fitting 3/8" Tube to 1/4" PTC Reducer	
33	915003201	1	Clamp, 1 1/4" TC 162	
34	640000470	1	Hose Barb, 2" Pipe To 1.5" Hose	
35	640100148	1	Fitting, Tank Flange 2" Std Manifold	
36	640100014	1	Gasket 2" Standard Port Banjo	
37	640100013	1	Clamp, 2" Standard Port	
38	640100085	1	2" Std Port Flange x 1.5" Hose Barb 90	
39	915003175	1	Clamp, 1 5/16 TC 181	
40	640020002	1	Fitting, 1/4 MPT x 1/4 Compression	
41	900000612	6	Bolt, HHCS 5/16-18 x 1/2 G5	
42	620000120	2	Strap Bar, Roto-Flush Hose	

Poly Product Tank (cont.)

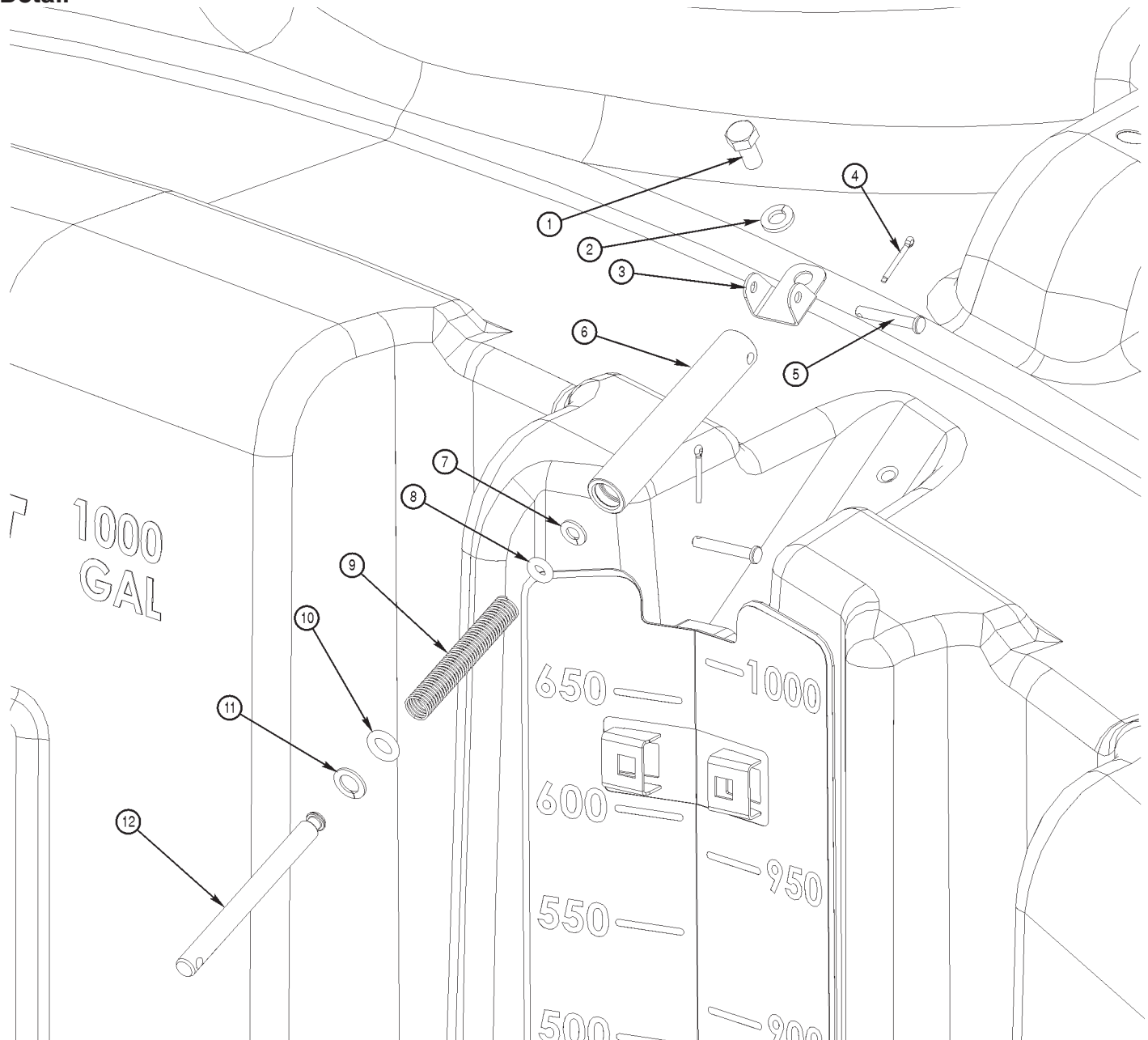
Sight Gauge



Item	Part Number	Qty	Description	Comments
1	640020000	1	Fitting 1/4 Push-To-Connect 90D Pressure	
2	654000005	2	Fitting 3/8"Tube to 1/4" Push-To-Connect Reducer	
3	654000004	1	Fitting 3/8"Push-To-Connect Y-Union	
4	654000003	2	Fitting 1/4"NPT to 3/8"Push-To-Connect 90	
5	640400011	2	Cap 1" With 1/4" Port	
6	640100015	2	Clamp 1" Banjo	
7	640100016	2	Gasket Clamp 1" Banjo	
8A	620000511	1	Sight Gauge 750P 2013	
8B	620000512	1	Sight Gauge 1000P 2013	
8C	620000513	1	Sight Gauge 1200P 2013	
9	931000002	4	Nut, Cage 1/4"-20	
10	420000078	2	Clamp, Pipe 1" Plastic	
11	930000003	4	Bolt SHCS 1/4"-20 x 1 1/4" LG	
12	900000020	2	Screw, 1/4"-20 x 3/4" PH Flat HD	
13	620000500	2	Pad Sight Gauge 2013	
14	931000530	2	Nut, 1/4"-20 Nylock 18-8 SST	
15	902201095	2	Washer Lock 5/16" ZP	
16	620000499	2	Isolator Sight Gauge 2013	
17A	620000487	1	Bracket 750P Gauge 2013	
17B	620000488	1	Bracket 1000P Gauge 2013	
17C	620000489	1	Bracket 1200P Gauge 2013	
18A	620000493	1	Decal 750P Gauge 2013	
18B	620000494	1	Decal 1000P Gauge 2013	
18C	620000495	1	Decal 1200P Gauge 2013	
19	902003195	2	Washer Flat 5/16" G5 ZP	
20	930000007	2	Bolt HHCS 5/16"-18 x 7/8" G5	

Product Tank Sight Gauge (cont.)

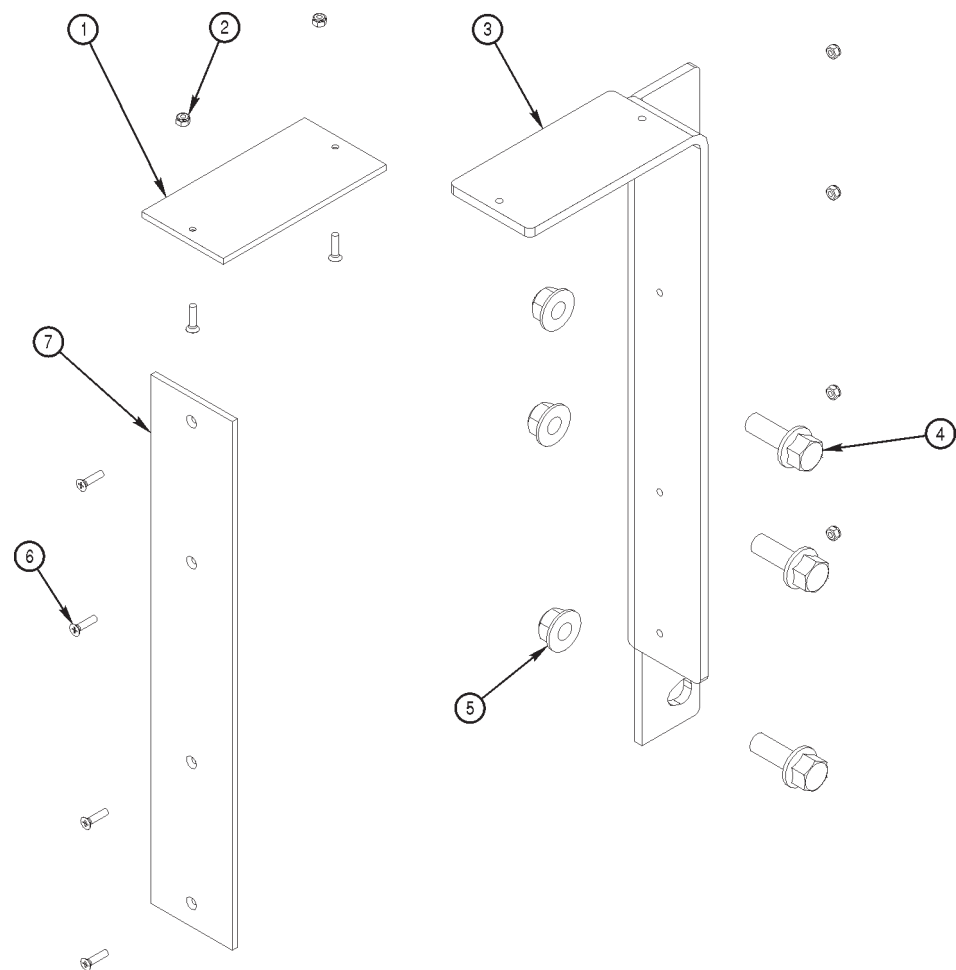
Detail



Item	Part Number	Qty	Description	Comments
1	930000004	1	Bolt HHCS 5/16"-18 x 5/8" G5	
2	902201095	1	Washer Lock 5/16" ZP	
3	620000504	1	Bracket Gauge Tension Arm	
4	904300100	2	Pin Cotter 3/32" x 3/4" ZP	
5	932000000	2	Pin Clevis 3/16" x 1 1/4"	
6	620000503	1	Cylinder Gauge Tension Arm	
7	825000008	1	Backup Oring Size-202 NBR	
8	825000006	1	Oring Size-202 A70 NBR	
9	620000501	1	Spring Gauge Tension Arm	
10	825000007	1	Oring Size-204 A70 NBR	
11	825000009	1	Backup Oring Size-204 NBR	
12	620000502	1	Rod Gauge Tension Arm	

Rinse Tank Hold Down Bracket

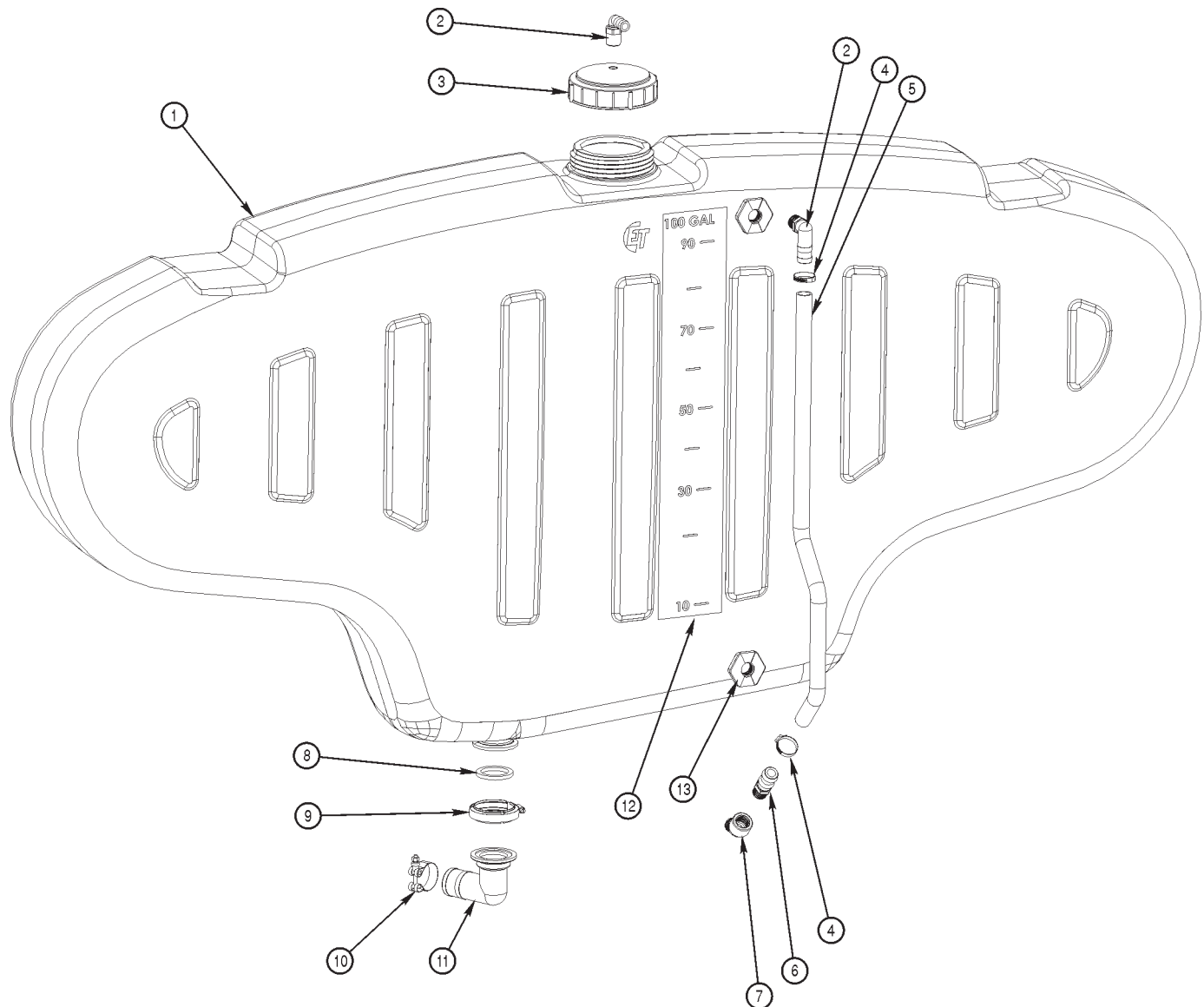
All Models



Item	Part Number	Qty	Description	Comments
1	690000025	2	UHMW, Flat, Rinse Hold Down Top	
2	901003000	12	Nut, Nylock 1/4-20 ZP	
3A	601000058	1	Rinse Tank Hold Down, R/H	
3B	601000059	1	Rinse Tank Hold Down, L/H	
4	100100006	6	Bolt, 3/4-10 x 2 G8 Salt Bath	
5	100100005	6	Nut, 3/4-10 Salt Bath	
6	900000019	12	Screw, 1/4-20 x 1" PH Flat Head Machined	
7	690000024	2	UHMW, Flat, Rinse Hold Down Upright	

Rinse Tank

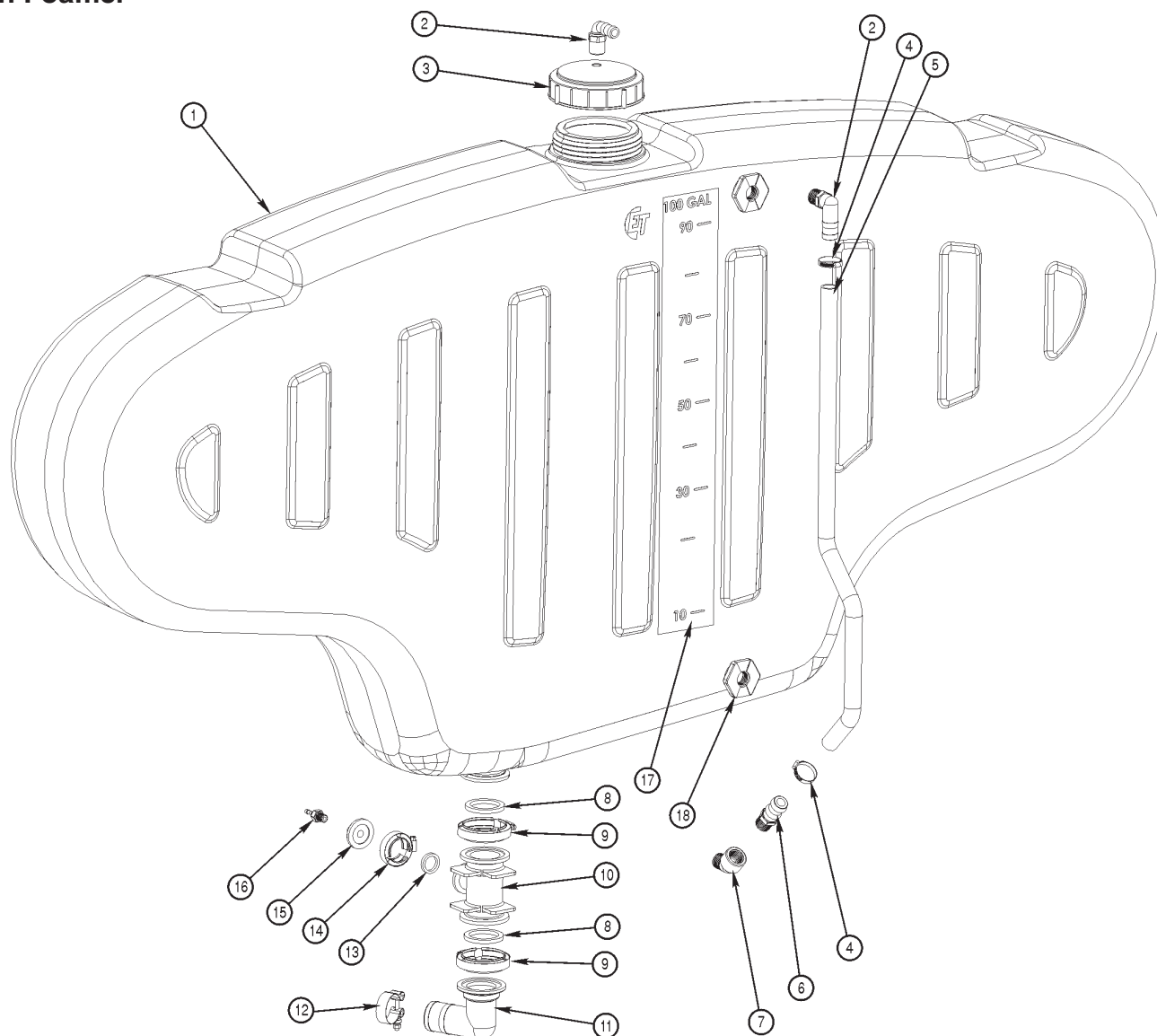
Without Foamer



Item	Part Number	Qty	Description	Comments
1	620000470	1	Tank, Rinse 100 Gallon	
2	640000620	2	Fitting, 0.75 Pipe To 1 Hose Barb 90	
3	620005027	1	Lid, 6", Rinse	
4	915000500	2	Clamp, Screw #16 (1")	
5	RM800980	5 ft	Hose, Clear 1.00" ID K010-1620	
6	640000415	1	Hose Barb 3/4" MPT x 1"	
7	640000210	1	Elbow 3/4" 45 Deg Poly Street	
8	640100012	1	Gasket, 220 Full Port Banjo	
9	640100011	1	Clamp, 2" Full Port Banjo	
10	915003175	1	Clamp, 1 5/16 TC 181	
11	640400009	1	Elbow 2" Full Port To 1.5 Hose Barb 90	
12	620000479	1	Decal, Rinse	
13	640000050	2	Flange Assembly Tank Poly	

Rinse Tank (cont.)

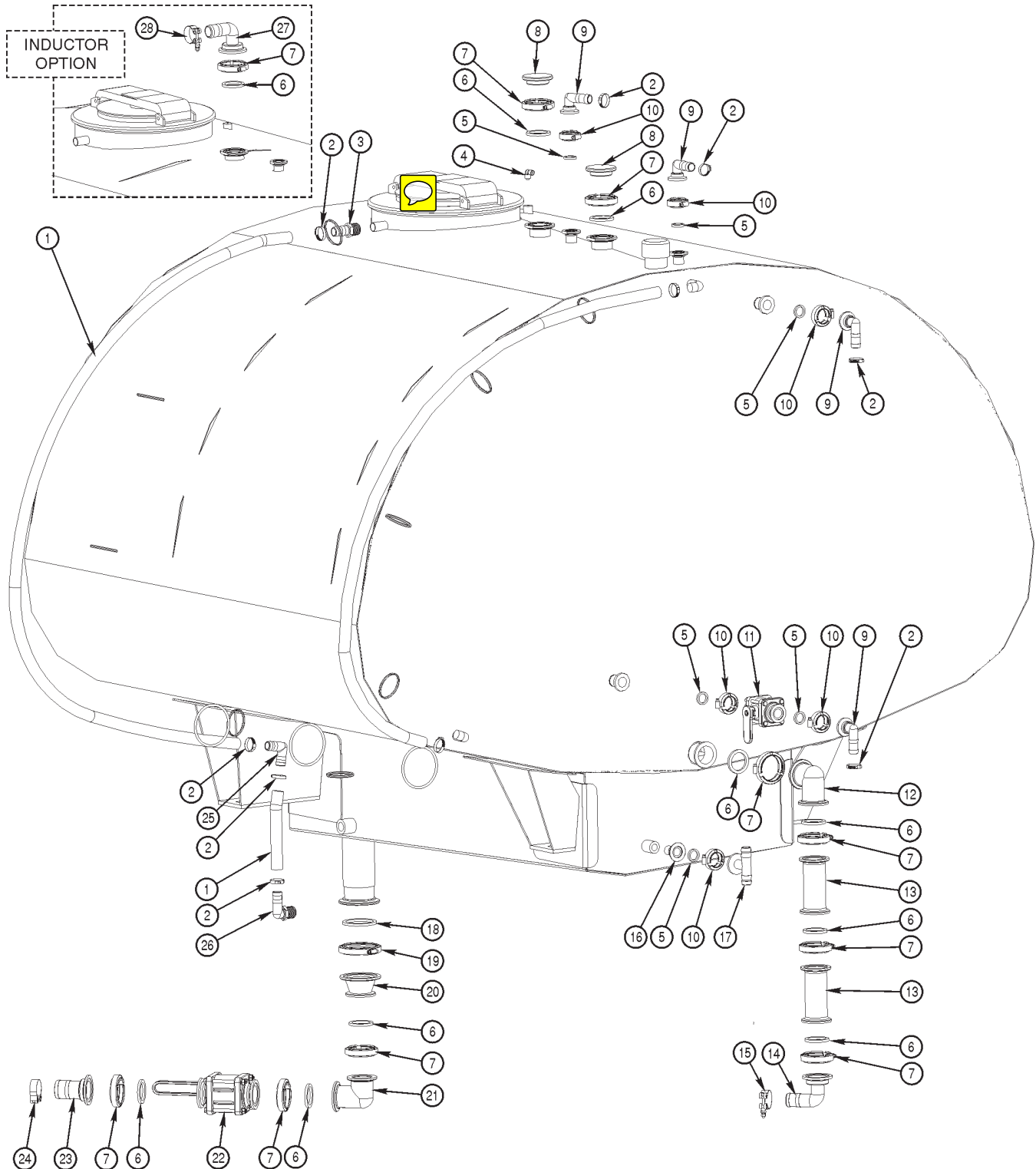
With Foamer



Item	Part Number	Qty	Description	Comments
1	620000470	1	Tank, Rinse 100 Gallon	
2	640000620	2	Fitting, 3/4" Pipe To 1" Hose Barb 90	
3	620005027	1	Lid, 6", Rinse	
4	915000500	2	Clamp, Screw #16 (1")	
5	RM800980	5 ft	Hose, Clear 1.00" ID K010-1620	
6	640000415	1	Hose Barb 3/4" MPT x 1"	
7	640000210	1	Elbow 3/4" 45 Deg Poly Street	
8	640100012	2	Gasket, 220 Full Port Banjo	
9	640100011	2	Clamp, 2" Full Port Banjo	
10	640400007	1	Tee, 2" Full Port To 1"	
11	640400009	1	Elbow 2" Full Port To 1.5 Hose Barb 90	
12	915003175	1	Clamp, 1 5/16 TC 181	
13	640100016	1	Gasket, 1" Banjo	
14	640100015	1	Clamp, 1" Banjo	
15	640400011	1	Cap, 1" With 1/4" Port	
16	640100137	1	Hose Barb 1/4" MPT To 1/4" Barb	
17	620000479	1	Decal, Rinse	
18	640000050	2	Flange Assembly Tank Poly	
	K65000221		Kit, Rinse tank sight gauge	

Stainless Steel Product Tank

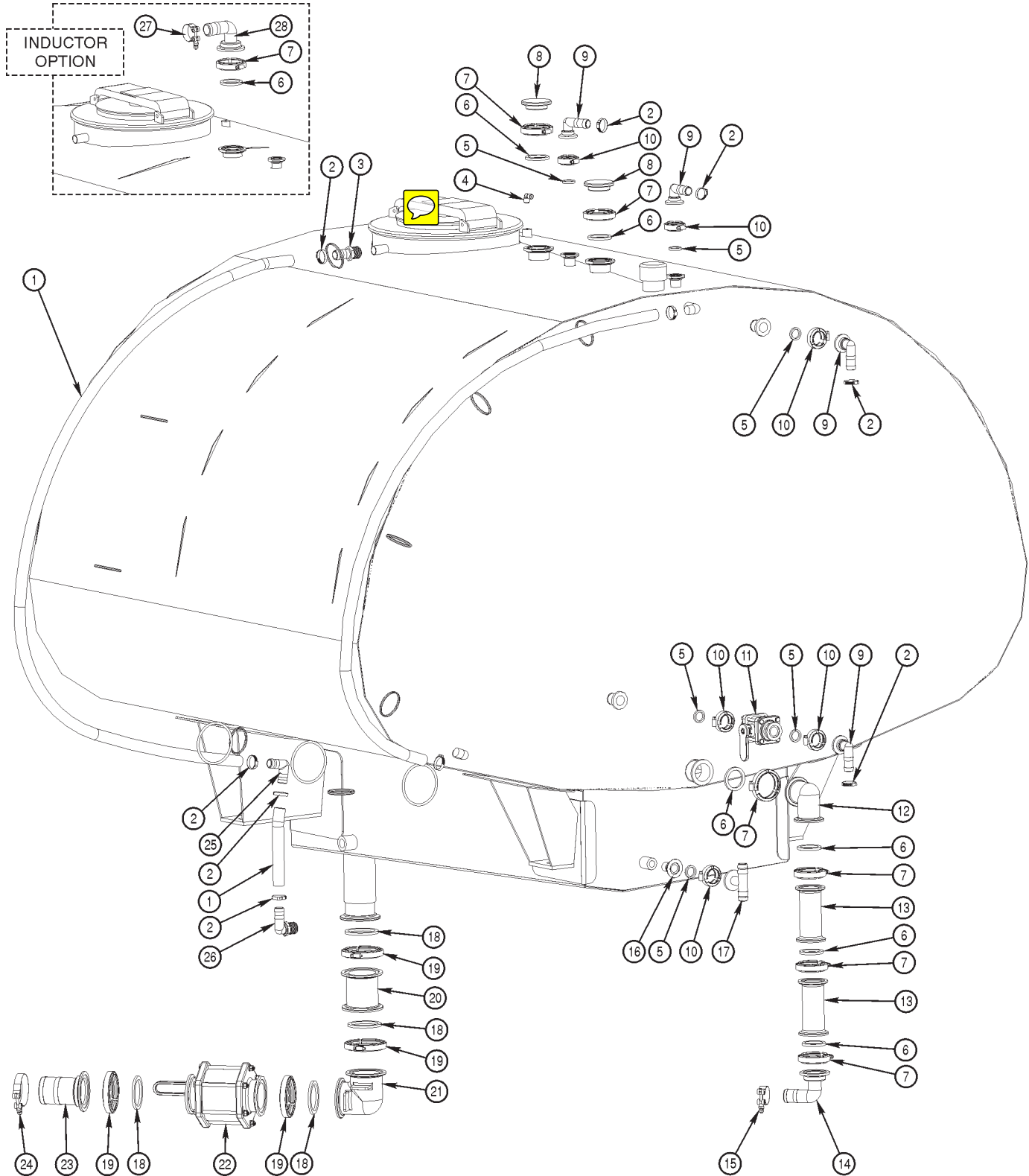
1000 Gallon Tank Standard Plumbing



Item	Part Number	Qty	Description	Comments
1	RM800980	A/R	Hose, Clear 1.00" ID	Sold by the foot
2	915000500	8	Clamp, Screw #16 1"	
3	640100420	1	Hose Barb, 1"	
4	640020000	1	Fitting, 1/4 Popit 90 Degree	
5	640100016	6	Gasket, Clamp 1" Banjo	
6	640100012	9	Gasket, 220 Full Port Banjo	
7	640100011	9	Clamp, 2" Full Port Banjo	
8	640400018	2	Fitting, Flange Plug 2" Full Port	
9	640100023	4	Fitting, 1" Barb x 1" Flange 90 Banjo	
10	640100015	6	Clamp, 1" Banjo	
11	640100077	1	Valve, Ball 1" Banjo	
12	640100003	1	Fitting, Elbow 90 2" Full Port	
13	640100206	2	Fitting, Coupling 2" FP Straight 6"	
14	640400009	1	Elbow, 2" Full Port To 1.5 Hose Barb 90	
15	915003175	1	Clamp, 1 5/16 TC 181	
16	640100039	1	Adapter, 1" Flange to 3/4" Male Pipe	
17	640100152	1	Fitting, 1" Flange To 1" HB Tee	
18	640100027	3	Gasket, 300 EPDM Banjo	
19	640100028	3	Clamp, 3" Banjo	
20	640100047	1	Fitting, 3 x 2 Flange Full Port Reducer Banjo	
21	640100003	1	Fitting, Elbow 90 2" Banjo	
22	640100001	1	Valve, 2" Full Port Banjo	
23	640100005	1	Fitting, 2" Hose Barb Banjo	
24	915003300	1	Clamp, 2" TC-231	
25	640000525	1	Hose Barb Elbow, 1" x 90 Deg	
26	640000620	1	Fitting, 0.75 Pipe To 1" Hose Elbow 90 Degree	
27	640400009	1	2" Standard Port Flange x 1.5" Barb 90	Only if equipped with inductor.
28	915003175	1	Clamp, 1 5/16 TC 181	Only if equipped with inductor.
	620000466		Tank, Stainless, 1000 Gal	

Stainless Steel Product Tank (cont.)

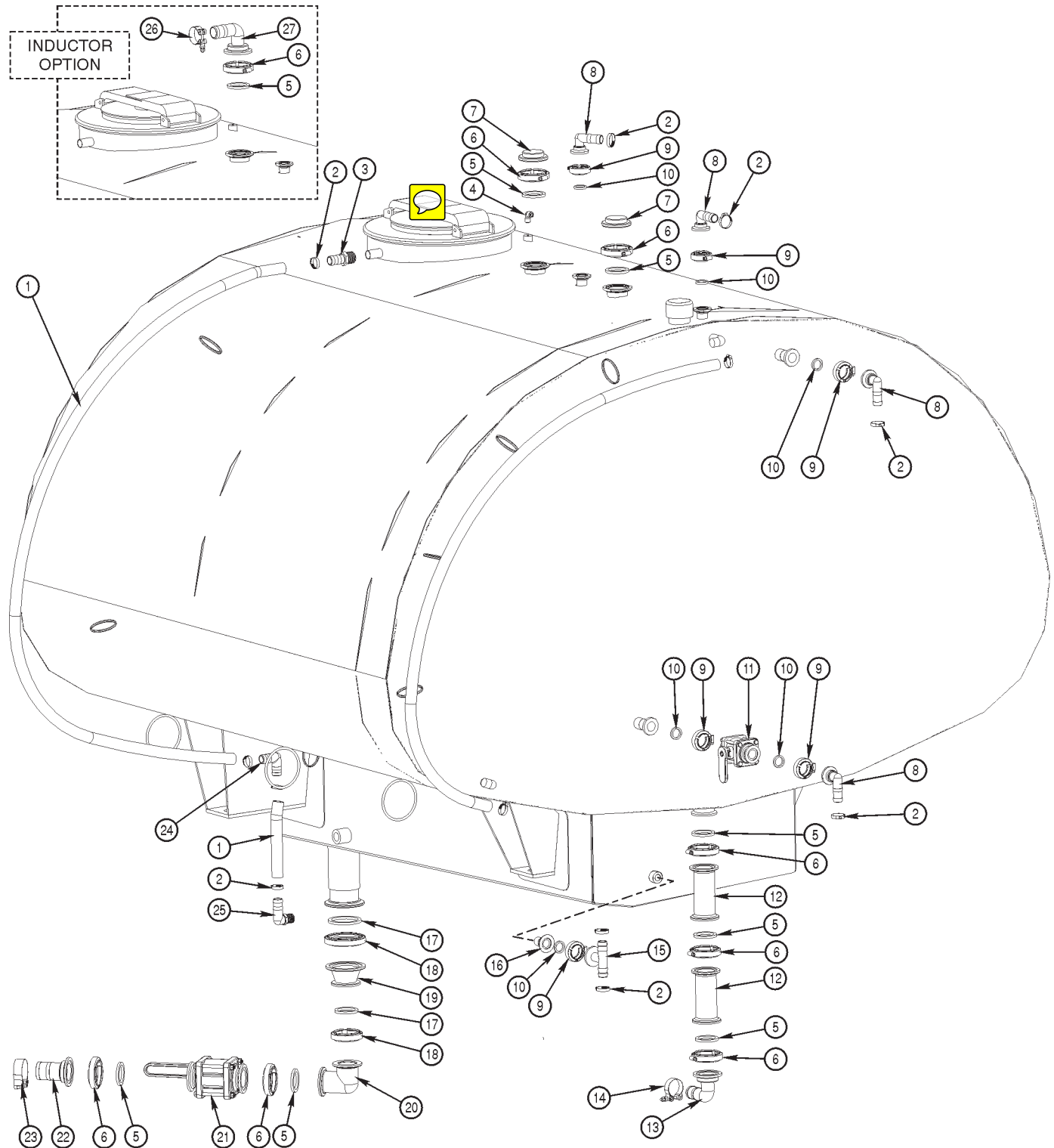
1000 Gallon Tank Quick Fill Plumbing



Item	Part Number	Qty	Description	Comments
1	RM800980	A/R	Hose, Clear 1.00" ID	Sold by the foot
2	915000500	8	Clamp, Screw #16 1"	
3	640100420	1	Hose Barb, 1"	
4	640020000	1	Fitting, 1/4 Popit 90 Degree	
5	640100016	6	Gasket, Clamp 1" Banjo	
6	640100012	6	Gasket, 220 Full Port Banjo	
7	640100011	6	Clamp, 2" Full Port Banjo	
8	640400018	2	Fitting, Flange Plug 2" Full Port	
9	640100023	4	Fitting, 1" Barb x 1" Flange 90 Banjo	
10	640100015	6	Clamp, 1" Banjo	
11	640100077	1	Valve, Ball 1" Banjo	
12	640100003	1	Fitting, Elbow 90 2" Full Port	
13	640100206	2	Fitting, Coupling 2" FP Straight 6"	
14	640400009	1	Elbow, 2" Full Port To 1.5 Hose Barb 90	
15	915003175	1	Clamp, 1 5/16 TC 181	
16	640100139	1	Adapter, 1" Flange To 3/4 Male Pipe	
17	640100152	1	Fitting, 1" Flange To 1" HB Tee	
18	640100027	3	Gasket, 300 EPDM Banjo	
19	640100028	3	Clamp, 3" Banjo	
20	640100117	1	Fitting, Flanged Coupling 3"	
21	640100050	1	Fitting, 3 x 3 Flange 90 Banjo	
22	640100061	1	Valve, Ball 3" Flange Banjo	
23	640100048	1	Fitting, 3" Flange 3" HB Banjo	
24	915003301	1	Clamp, 3" TC 331	
25	640000525	1	Hose Barb Elbow, 1" x 90 Deg	
26	640000620	1	Fitting, 0.75 Pipe To 1" Hose Elbow 90 Degree	
27	915003175	1	Clamp, 1 5/16 TC 181	Only if equipped with inductor.
28	640400009	1	Elbow, 2" Full Port To 1.5 Hose Barb 90	Only if equipped with inductor.
	620000466		Tank, Stainless, 1000 Gal	

Stainless Steel Product Tank (cont.)

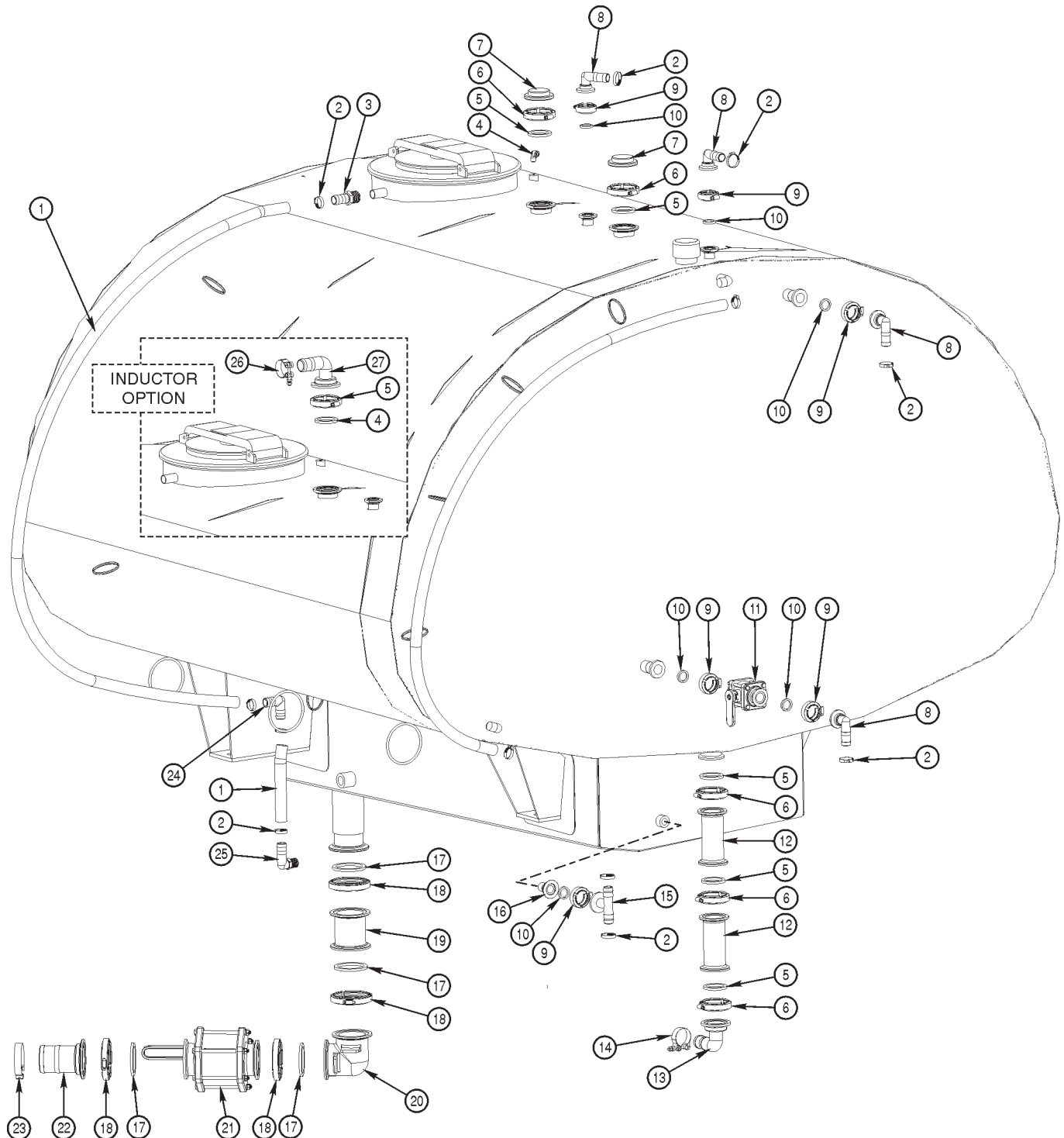
1200 Gallon Tank Standard Plumbing



Item	Part Number	Qty	Description	Comments
1	RM800980	A/R	Hose, Clear 1.00" ID	Sold by the foot
2	915000500	8	Clamp, Screw #16 1"	
3	640100420	1	Hose Barb, 1"	
4	640020000	1	Fitting, 1/4 Popit 90 Degree	
5	640100012	9	Gasket, 220 Full Port Banjo	
6	640100011	9	Clamp, 2" Full Port Banjo	
7	640400018	2	Fitting, Flange Plug 2" Full Port	
8	640100023	4	Fitting, 1" Barb x 1" Flange 90 Banjo	
9	640100015	6	Clamp, 1" Banjo	
10	640100016	6	Gasket, Clamp 1" Banjo	
11	640100077	1	Valve, Ball 1" Banjo	
12	640100206	2	Fitting, Coupling 2" FP Straight 6"	
13	640400009	1	Elbow, 2" Full Port To 1.5 Hose Barb 90	
14	915003175	1	Clamp, 1 5/16 TC 181	
15	640100152	1	Fitting, 1" Flange To 1" HB Tee	
16	640100139	1	Adapter, 1" Flange to 3/4" Male Pipe	
17	640100027	3	Gasket, 300 EPDM Banjo	
18	640100028	3	Clamp, 3" Banjo	
19	640100047	1	Fitting, 3 x 2 Flange Full Port Reducer Banjo	
20	640100003	1	Fitting, Elbow 90 2" Banjo	
21	640100001	1	Valve, 2" Full Port Banjo	
22	640100005	1	Fitting, 2" Hose Barb Banjo	
23	915003300	1	Clamp, 2" TC-231	
24	640000525	1	Hose Barb Elbow, 1" x 90 Deg	
25	640000620	1	Fitting, 0.75 Pipe To 1" Hose Elbow 90 Degree	
26	915003175	1	Clamp, 1 5/16 TC 181	Only if equipped with inductor.
27	640400009	1	Elbow, 2" Full Port To 1.5 Hose Barb 90	Only if equipped with inductor.
	620000467		Tank, Stainless, 1200 Gal	

Stainless Steel Product Tank (cont.)

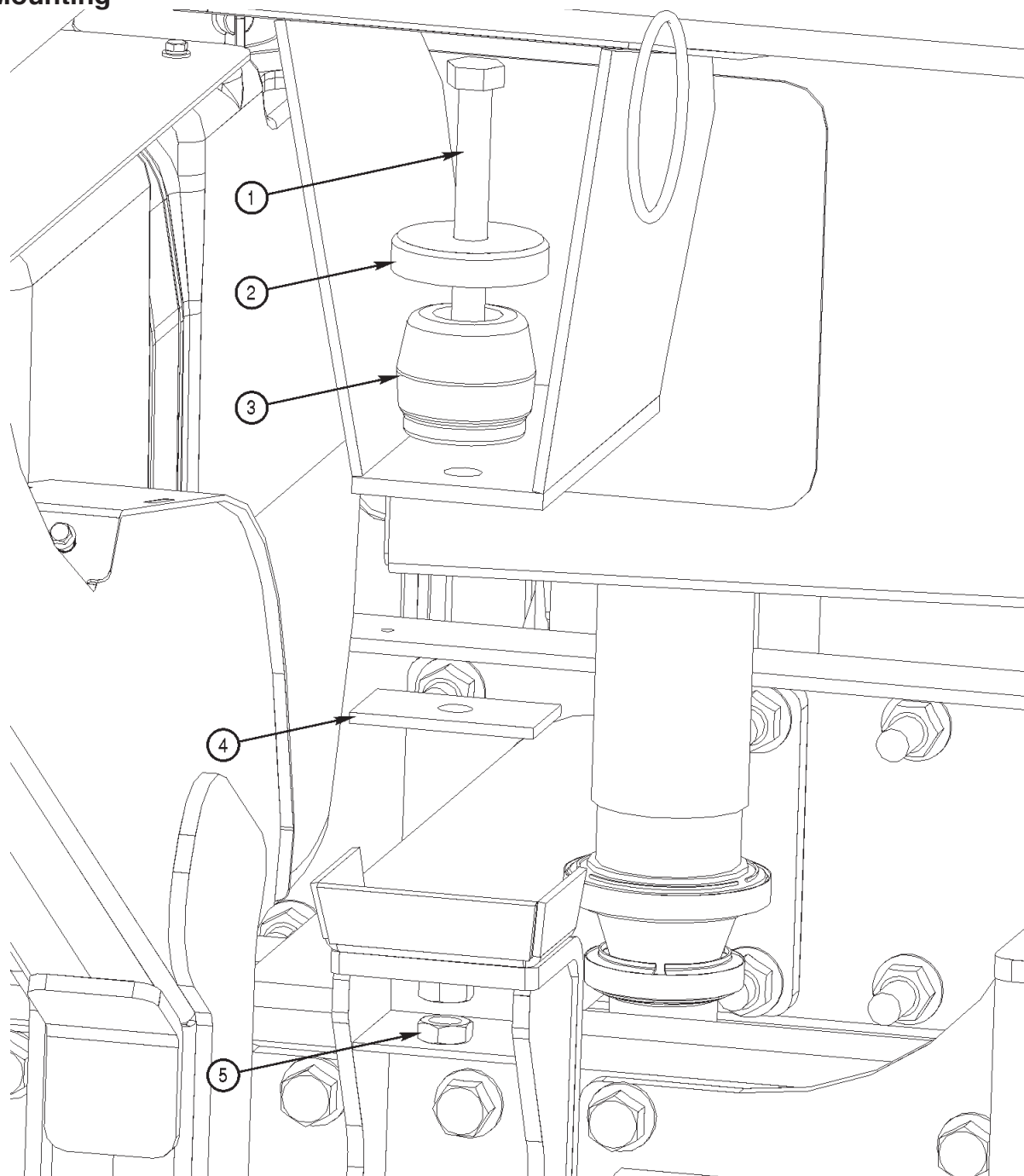
1200 Gallon Tank Quick Fill Plumbing



Item	Part Number	Qty	Description	Comments
1	RM800980	A/R	Hose, Clear 1.00" ID	Sold by the foot
2	915000500	8	Clamp, Screw #16 1"	
3	640100420	1	Hose Barb, 1"	
4	640020000	1	Fitting, 1/4 Popit 90 Degree	
5	640100012	9	Gasket, 220 Full Port Banjo	
6	640100011	9	Clamp, 2" Full Port Banjo	
7	640400018	2	Fitting, Flange Plug 2" Full Port	
8	640100023	4	Fitting, 1" Barb x 1" Flange 90 Banjo	
9	640100015	6	Clamp, 1" Banjo	
10	640100016	6	Gasket, Clamp 1" Banjo	
11	640100077	1	Valve, Ball 1" Banjo	
12	640100206	2	Fitting, Coupling 2" FP Straight 6"	
13	640400009	1	Elbow, 2" Full Port To 1.5 Hose Barb 90	
14	915003175	1	Clamp, 1 5/16 TC 181	
15	640100139	1	Adapter, 1" Flange to 3/4" Male Pipe	
16	640100152	1	Fitting, 1" Flange To 1" HB Tee	
17	640100027	3	Gasket, 300 EPDM Banjo	
18	640100028	3	Clamp, 3" Banjo	
19	640100117	1	Fitting, Flanged Coupling 3"	
20	640100050	1	Fitting, 3 x 3 Flange 90 Banjo	
21	640100061	1	Valve, Ball 3" Flange Banjo	
22	640100048	1	Fitting, 3" Flange 3" HB Banjo	
23	915003301	1	Clamp, 3" TC 331	
24	640000525	1	Hose Barb Elbow, 1" x 90 Deg	
25	640000620	1	Fitting, 0.75 Pipe To 1" Hose Elbow 90 Degree	
26	915003175	1	Clamp, 1 5/16 TC 181	Only if equipped with inductor.
27	640400009	1	Elbow, 2" Full Port To 1.5 Hose Barb 90	Only if equipped with inductor.
	620000467		Tank, Stainless, 1200 Gal	

Stainless Steel Product Tank (cont.)

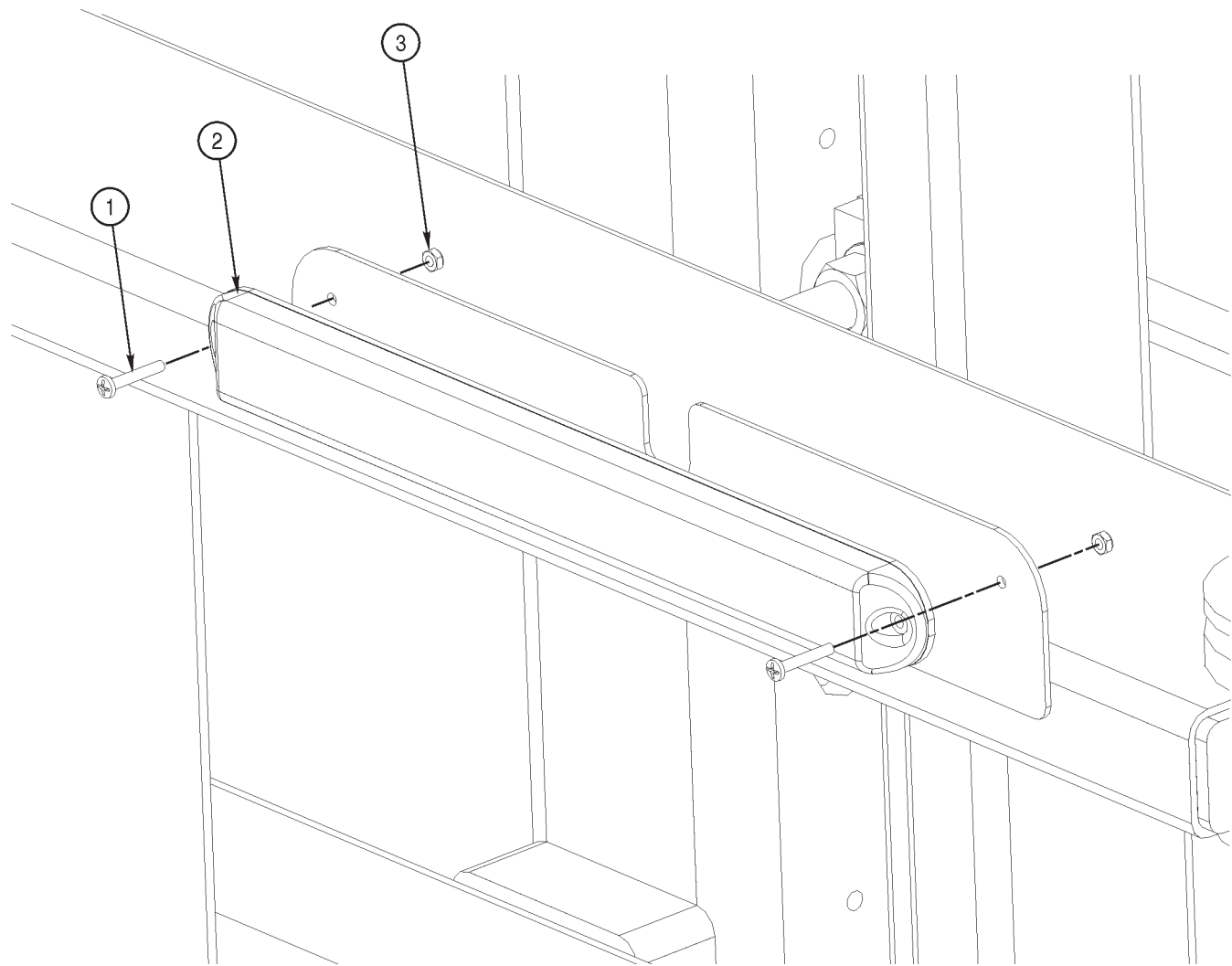
Tank Mounting



Item	Part Number	Qty	Description	Comments
1	900004014	4	Bolt, HHCS 3/4-10 x 6" G8	
2	690000028	4	Cap Retainer 3" OD x 0.75"	
3	690000027	4	Bumper, SS Tank Mount	
4	690000026	4	Pad, SS Tank	
5	901008002	4	Nut, Jam 3/4-10 G8	

Boom Marker Lights

All Models

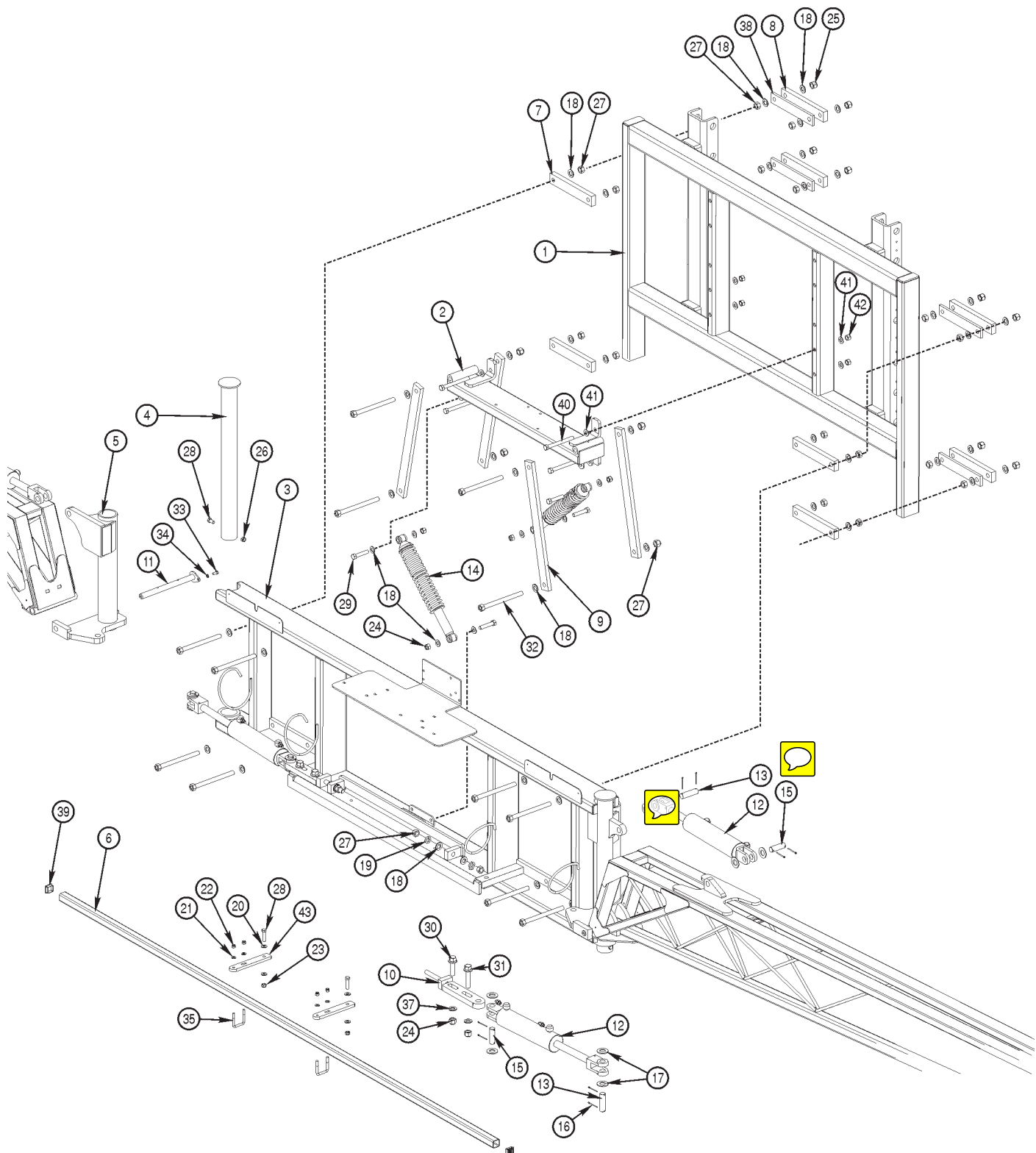


Item	Part Number	Qty	Description	Comments
1	930000017	4	Screw, 8-32 x 1/2 SS Buttonhead Socket	
2	710000005	2	Slim Line LED Marker Light	
3	931000010	4	Nut, 8-32 SS	

Boom Suspension and Hydraulics

Note: Refer to page 7-108 for Pommier Boom information.

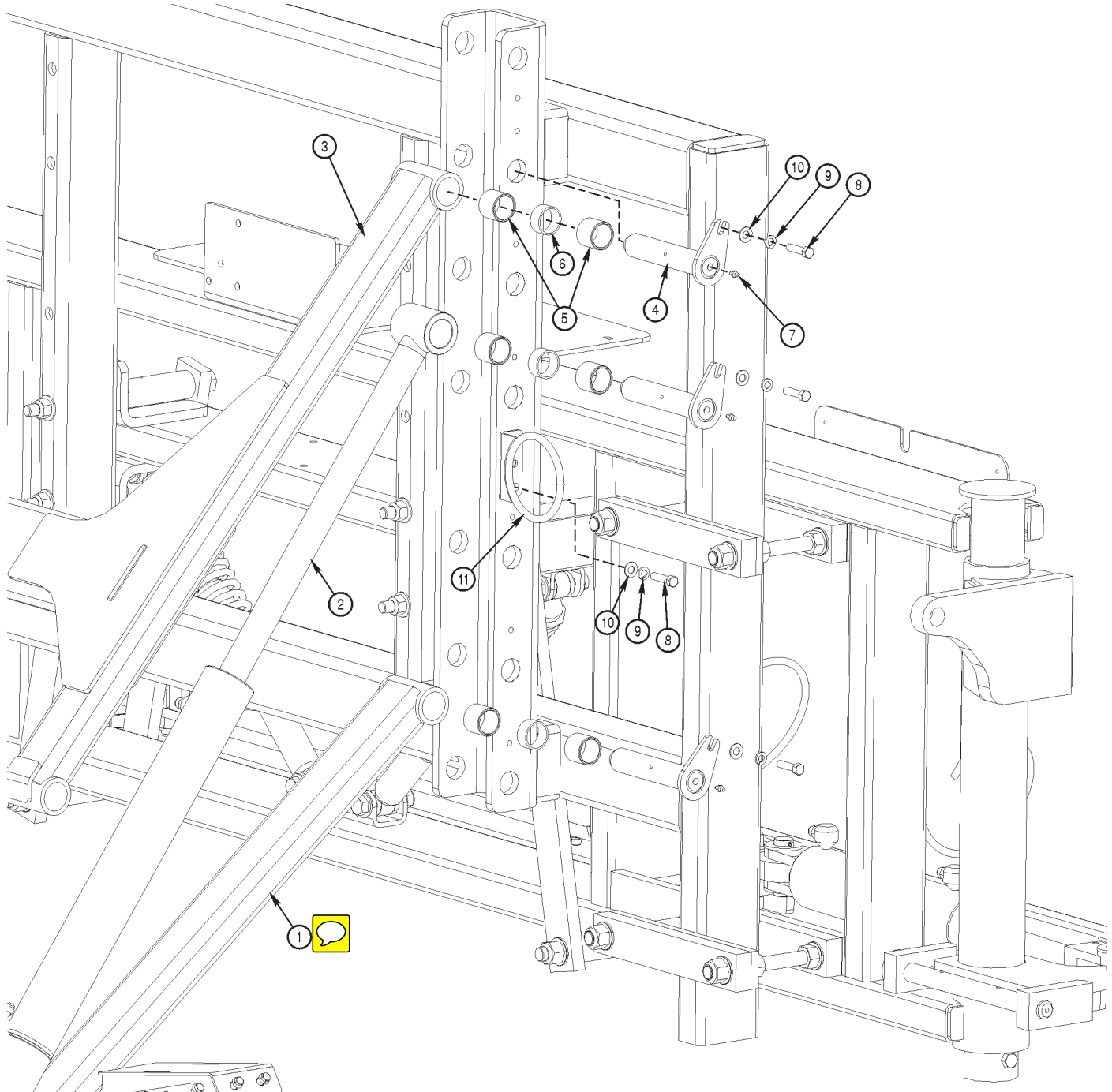
All Models with ET Boom



Item	Part Number	Qty	Description	Comments
1	600901016	1	Frame, Rear Center Section	
2	600901019	1	Pivot, Back Rack Leveling	
3	600901526	1	Boom, Center Section	
4	600901010	2	Pin, Boom Pivot	
5A	600901092	1	Tube, Pivot L/H	
5B	600901093	1	Tube, Pivot R/H	
6	600901005	1	Rear Spray Bar	
7	600901020	4	Wear Pad, Nylon 1" Thick	
8	600901030	4	Mount Plate, Steel 1" Thick	
9	600901122	4	Link, Back Rack Four Bar	
10	600901091	2	Adjuster Clevis, Boom	
11	600901124	2	Pin, Flag Inner Boom Pivot	
12	600901510	4	Cylinder, 3 x 10 Boom Fold	Seal Kit P/N 600901515
13	600901520	4	Pin Cylinder 1" x 3 1/2"	
14	600901251	2	Shock, Boom Center Section	
15	600901519	4	Pin, Cylinder 1" x 3" Barrel End	
16	600901521	16	Pin, Cotter	
17	902003080	16	Washer, Flat 1"	
18	902003001	44	Washer, Flat 3/4 SAE	
19	902351000	2	Washer, Lock 3/4 SAE	
20	902003210	2	Washer, Flat 1/2 ZP	
21	902003200	4	Washer, Flat 3/8 ZP	
22	901003020	4	Nut, Nylock 3/8-16 ZP	
23	901003040	2	Nut, Nylock 1/2-13 ZP	
24	900100038	4	Nut, Lug Euclid 3/4-16 with cone	
25	901003074	8	Nut, Nylock 3/4-10 ZP	
26	901003040	2	Nut, Nylock 1/2-13 ZP	
27	901000779	24	Nut, Hex 3/4-10 ZP	
28	900003270	4	Bolt, HHCS 1/2-13 x 2	
29	900004011	4	Bolt, HHCS 9/16-12 x 3.00 G5	
30	930000005	2	Bolt, Hex Flange 3/4-16 x 3 1/2 G8	
31	930000006	2	Bolt, Hex Flange 3/4-16 x 4 G8	
32	930000011	12	Bolt, 3/4-10 x 9" Long G5	
33	900002405	2	Bolt, HHCS 1/4-20 x 1" G5 ZP	
34	902003035	2	Washer, Flat 1/4" ZP	
35	600901007	2	U-Bolt, Rear Spray Bar	
36	800303022	4	Fitting, 6 FLM x 6 ORM	
37	902000100	8	Washer, Flat 3/4" Grade 8	
38	600901031	4	Pad Nylon 1/2" Thick	
39	936000000	2	Plug 1.5" x 1.5"	
40	900003755	4	Bolt HHCS 5/8-11 x 6 G5 ZP	
41	902003220	8	Washer Flat 5/8 G5 ZP	
42	901003060	4	Nut Nylock 5/8-11 ZP	
43	600901006	2	Link Plate Rear Spraybar	
	930000001	1	U-Bolt SQ 5/16-8 12"W x 7.5"H SS	Not Shown

Back Rack Mounting

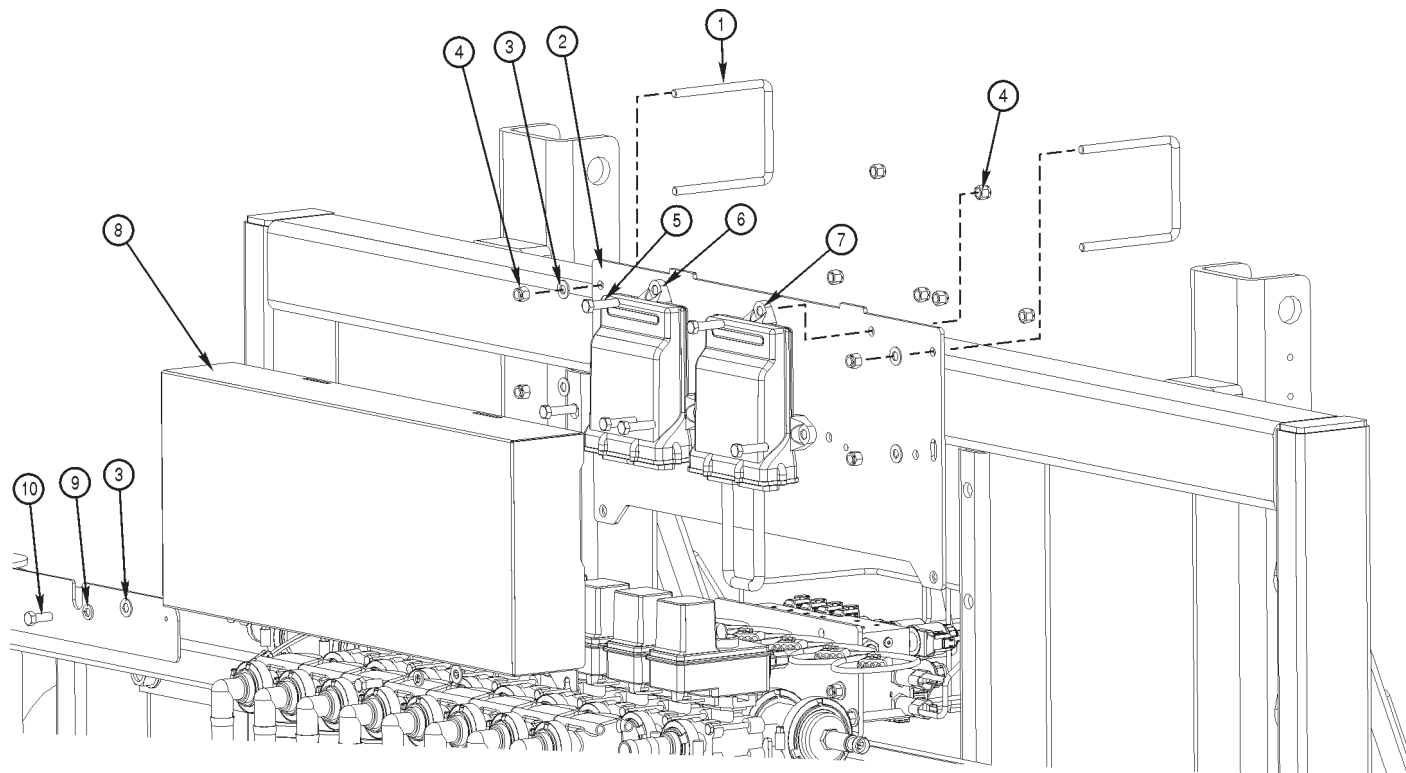
All Models



Item	Part Number	Qty	Description	Comments
1	632000001	2	Parallel Arm, 2013	
2	850000133	2	Cylinder, Boom Rack 2013	Seal Kit P/N 600901408
3	632000000	1	H-Bar, 2013	
4	601000050	12	Flag Pin, Parallel Arm	
5	601000040	24	Bushing, Bronze	
6	601000041	10	Bushing, Spacer Parallel Arm	
7	915003000	12	Zerk 1/8 NPT Straight	
8	900002835	12	Bolt, HHCS 3/8-16 x 1 1/2 G5 ZP	
9	902201090	12	Washer, Lock 3/8" ZP	
10	902003200	12	Washer, Flat 3/8" ZP	
11	690000303	1	Bracket, Product Hose Hanger	

Raven Options

All Equipped Models

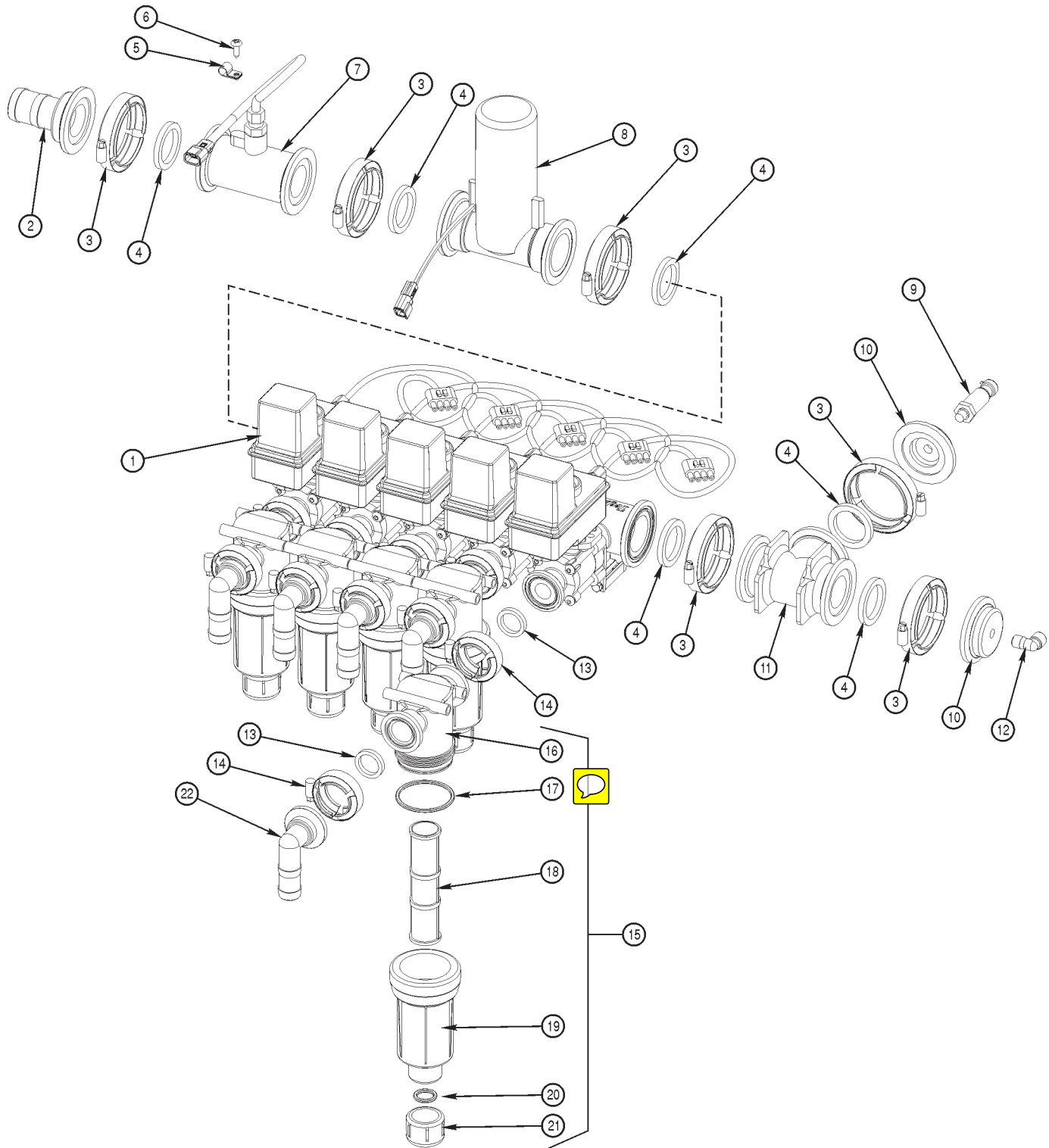


Item	Part Number	Qty	Description	Comments
1	690000017	2	U-Bolt, 3/8-16 x 4 W x 5 L	
2	690000013	1	Bracket, Node Mounting	
3	902003045	2	Washer, Flat 3/8	
4	901003020	10	Nut, Nylock 3/8-16 ZP	
5	900006604	6	Bolt, HHCS 3/8-16 x 1 1/4	
6	796000000	1	Node, Product Cont. Level 2	ET labeled
7A	611000001	1	Node, PowerGlide AutoBoom	ET labeled
7B	611000002	1	Node, UltraGlide AutoBoom	ET labeled
8	690000015	1	Cover, Node Mounting, Back Rack	
9	900002806	2	Washer, Lock 3/8	
10	900002815	2	Bolt, HHCS 3/8-16 x 1 G5 ZP	
	692000101	A/R	Door Edge Molding, 5/16"	Not shown. Sold by the foot.

Boom Valve

Note: Refer to page 7-114 for Pommier Boom information.

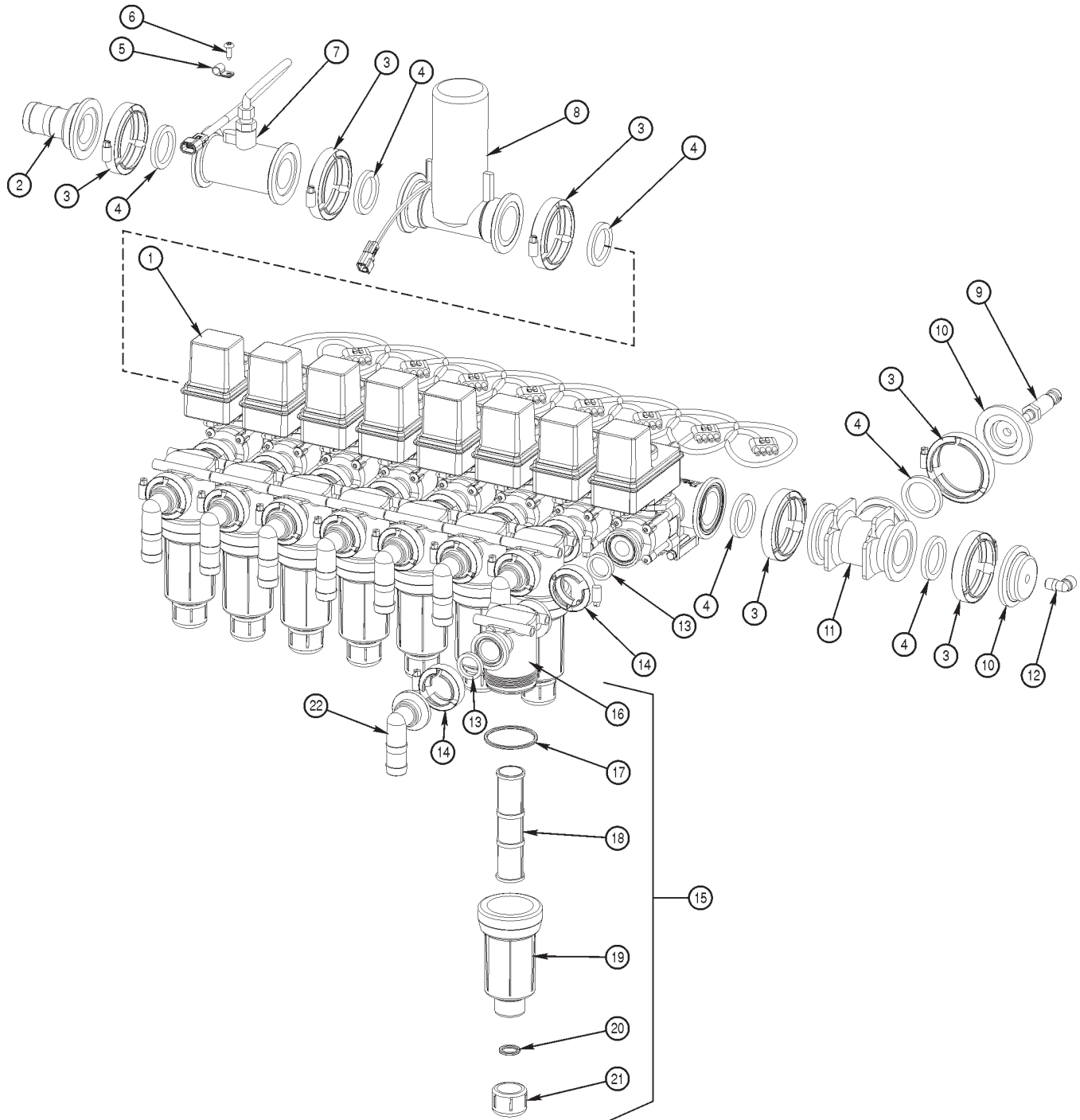
5-Section Block



Item	Part Number	Qty	Description	Comments
1A	660000020	1	Tee Jet 5 Bank Assembly w/out Flowback	
1B	661000000	A/R	Assembly, Teejet Boom Valve Single	
1C	660000907	A/R	Teejet, Boom Valve, Motor Only	
1D	661000001	A/R	Valve Tee Jet Single Valve No Motor	
2	640100018	1	Fitting, 2" Flange x 1 1/2 Hose Banjo	
3	640100013	6	Clamp, 2" Standard Port Banjo	
4	640100014	6	Gasket, 2" Standard Port Banjo	
5	934000000	1	Clamp	
6	930000015	1	Screw SMS 10 x 3/8"	
7	793000003	1	Flow Meter with Sensor Raven 60P	
8	793000001	1	Valve Control Butterfly	
9	793000000	1	Transducer Press Sealed 0-250 PSI	
10	640100038	2	Plug access 2" x 1/4 NPT Banjo	
11	640100006	1	Fitting Tee 2" STD Banjo	
12	640020000	1	Fitting 1/4" Popit 90 Degree	
13	640100016	10	Gasket, Clamp 1" Banjo	
14	640100015	10	Clamp 1" Banjo	
15	660000901	5	Assembly, Tee Jet Strainer	Includes items 16, 17, 18, 19, 20 and 21.
16	660000911	5	Strainer Head, Teejet Flanged 50-Series	
17	660000908	5	Gasket, 1" Teejet Strainer Top	
18	660000910	5	Strainer, 50 Mesh 1" Teejet	
19	660000912	5	Strainer Bowl, Teejet 1" NPT	
20	660000909	5	Gasket, 1" Teejet Strainer Bottom	
21	660000913	5	Strainer Cap, Teejet	
22	640100023	5	Fitting, 1 Barb x 1 Flange 90 Banjo	
	700000004	1	Connector, Flowmeter on Machine Side	Not shown
	660000925		O-ring, Viton (50 Series Teejet)	Used between boom valves. Not shown
	660000927		O-ring, ID 13/16" OD 1", Viton	Used for roto-flush. Not shown
	660000929		Retaining Clip - Teejet Valve	Used to attach motor head to ball valve. Not shown

Boom Valve (cont.)

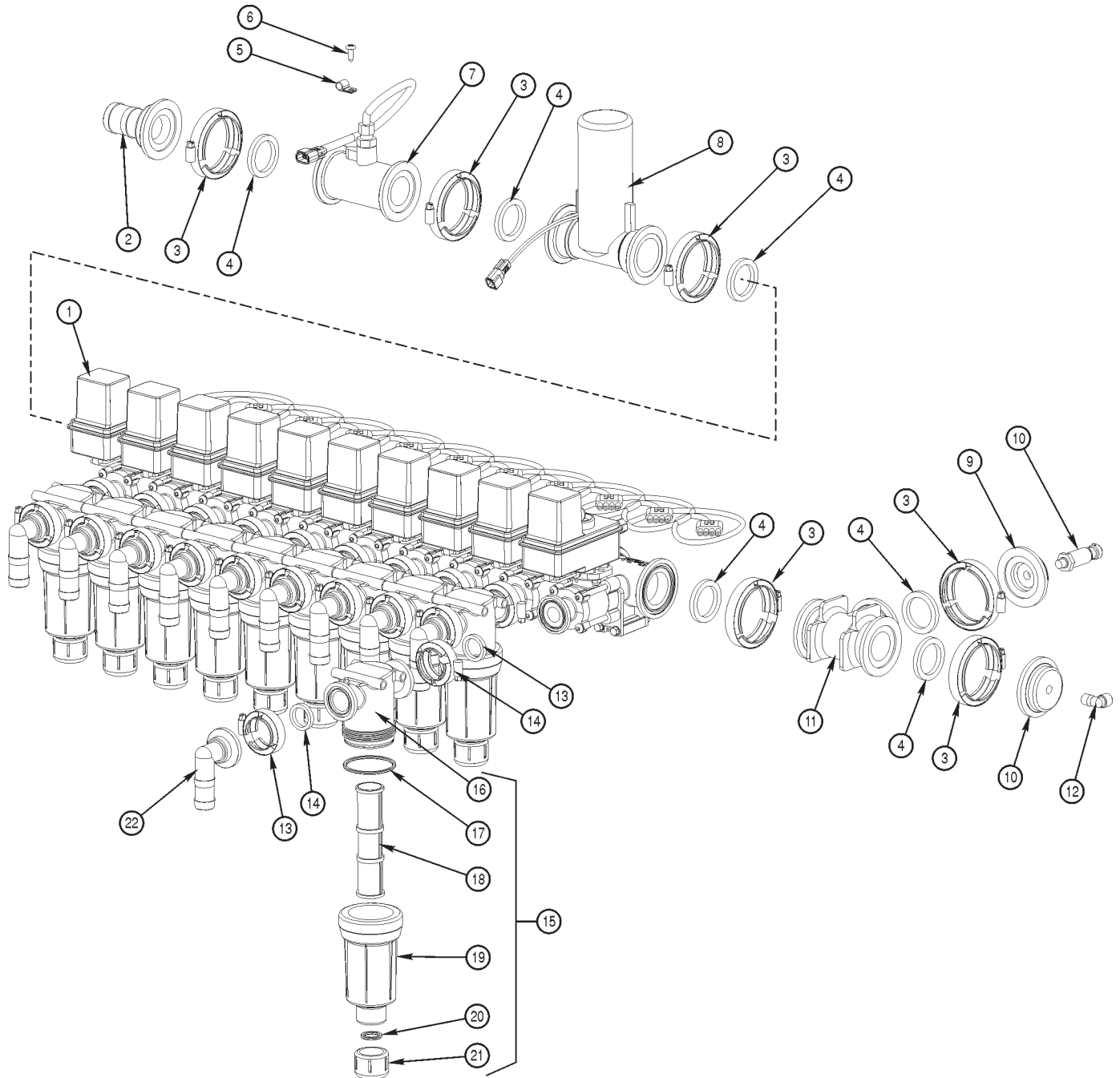
8-Section Block



Item	Part Number	Qty	Description	Comments
1A	660000040	1	Tee Jet 8 Bank Assembly w/out Flowback	
1B	661000000	A/R	Assembly, Teejet Boom Valve Single	
1C	660000907	A/R	Teejet, Boom Valve, Motor Only	
1D	661000001	A/R	Valve Tee Jet Single Valve No Motor	
2	640100018	1	Fitting, 2" Flange x 1 1/2 Hose Banjo	
3	640100013	6	Clamp, 2" Standard Port Banjo	
4	640100014	6	Gasket, 2" Standard Port Banjo	
5	934000000	1	Clamp	
6	930000015	1	Screw SMS 10 x 3/8"	
7	793000003	1	Flow Meter with Sensor Raven 60P	
8	793000001	1	Valve Control Butterfly	
9	793000000	1	Transducer Press Sealed 0-250 PSI	
10	640100038	2	Plug access 2" x 1/4 NPT Banjo	
11	640100006	1	Fitting Tee 2" STD Banjo	
12	640020000	1	Fitting 1/4" Popit 90 Degree	
13	640100016	16	Gasket, Clamp 1" Banjo	
14	640100015	16	Clamp 1" Banjo	
15	660000901	8	Assembly, Tee Jet Strainer	Includes items 16, 17, 18, 19, 20 and 21.
16	660000911	8	Strainer Head, Teejet Flanged 50-Series	
17	660000908	8	Gasket, 1" Teejet Strainer Top	
18	660000910	8	Strainer, 50 Mesh 1" Teejet	
19	660000912	8	Strainer Bowl, Teejet 1" NPT	
20	660000909	8	Gasket, 1" Teejet Strainer Bottom	
21	660000913	8	Strainer Cap, Teejet	
22	640100023	8	Fitting, 1 Barb x 1 Flange 90 Banjo	
	700000004	1	Connector, Flowmeter on Machine Side	Not shown
	660000925		O-ring, Viton (50 Series Teejet)	Used between boom valves. Not shown
	660000927		O-ring, ID 13/16" OD 1", Viton	Used for roto-flush. Not shown
	660000929		Retaining Clip - Teejet Valve	Used to attach motor head to ball valve. Not shown

Boom Valve (cont.)

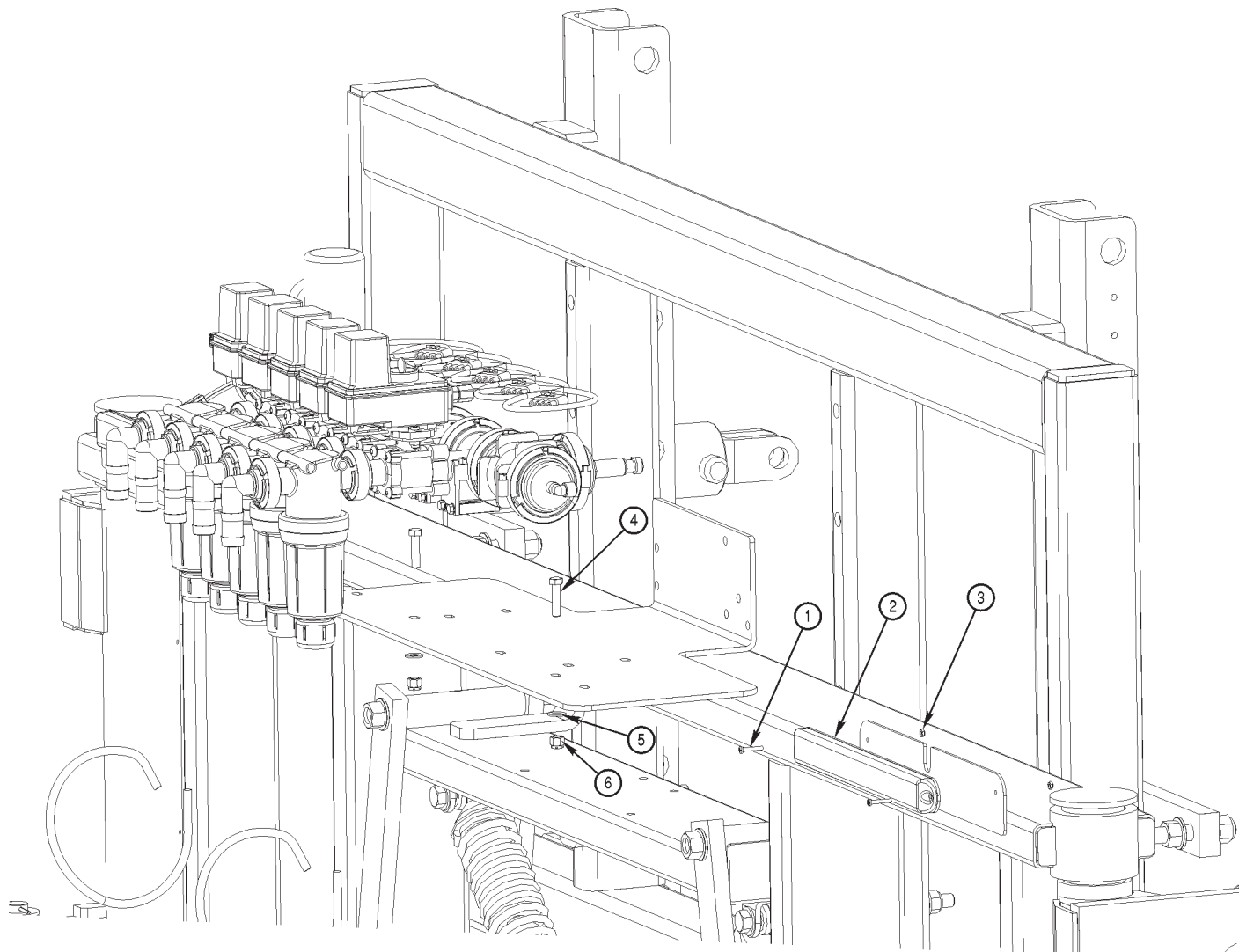
10-Section Block



Item	Part Number	Qty	Description	Comments
1A	660000030	1	Tee Jet 10 Bank Assembly w/out Flowback	
1B	661000000	A/R	Assembly, Teejet Boom Valve Single	
1C	660000907	A/R	Teejet, Boom Valve, Motor Only	
1D	661000001	A/R	Valve Tee Jet Single Valve No Motor	
2	640100018	1	Fitting, 2" Flange x 1 1/2 Hose Banjo	
3	640100013	6	Clamp, 2" Standard Port Banjo	
4	640100014	6	Gasket, 2" Standard Port Banjo	
5	934000000	1	Clamp	
6	930000015	1	Screw SMS 10 x 3/8"	
7	793000003	1	Flow Meter with Sensor Raven 60P	
8	793000001	1	Valve Control Butterfly	
9	793000000	1	Transducer Press Sealed 0-250 PSI	
10	640100038	2	Plug access 2" x 1/4 NPT Banjo	
11	640100006	1	Fitting Tee 2" STD Banjo	
12	640020000	1	Fitting 1/4" Popit 90 Degree	
13	640100016	20	Gasket, Clamp 1" Banjo	
14	640100015	20	Clamp 1" Banjo	
15	660000901	10	Assembly, Tee Jet Strainer	Includes items 16, 17, 18, 19, 20 and 21.
16	660000911	10	Strainer Head, Teejet Flanged 50-Series	
17	660000908	10	Gasket, 1" Teejet Strainer Top	
18	660000910	10	Strainer, 50 Mesh 1" Teejet	
19	660000912	10	Strainer Bowl, Teejet 1" NPT	
20	660000909	10	Gasket, 1" Teejet Strainer Bottom	
21	660000913	10	Strainer Cap, Teejet	
22	640100023	10	Fitting, 1 Barb x 1 Flange 90 Banjo	
	700000004	1	Connector, Flowmeter on Machine Side	Not shown
	660000925		O-ring, Viton (50 Series Teejet)	Used between boom valves. Not shown
	660000927		O-ring, ID 13/16" OD 1", Viton	Used for roto-flush. Not shown
	660000929		Retaining Clip - Teejet Valve	Used to attach motor head to ball valve. Not shown

Boom Valve (cont.)

Mounting



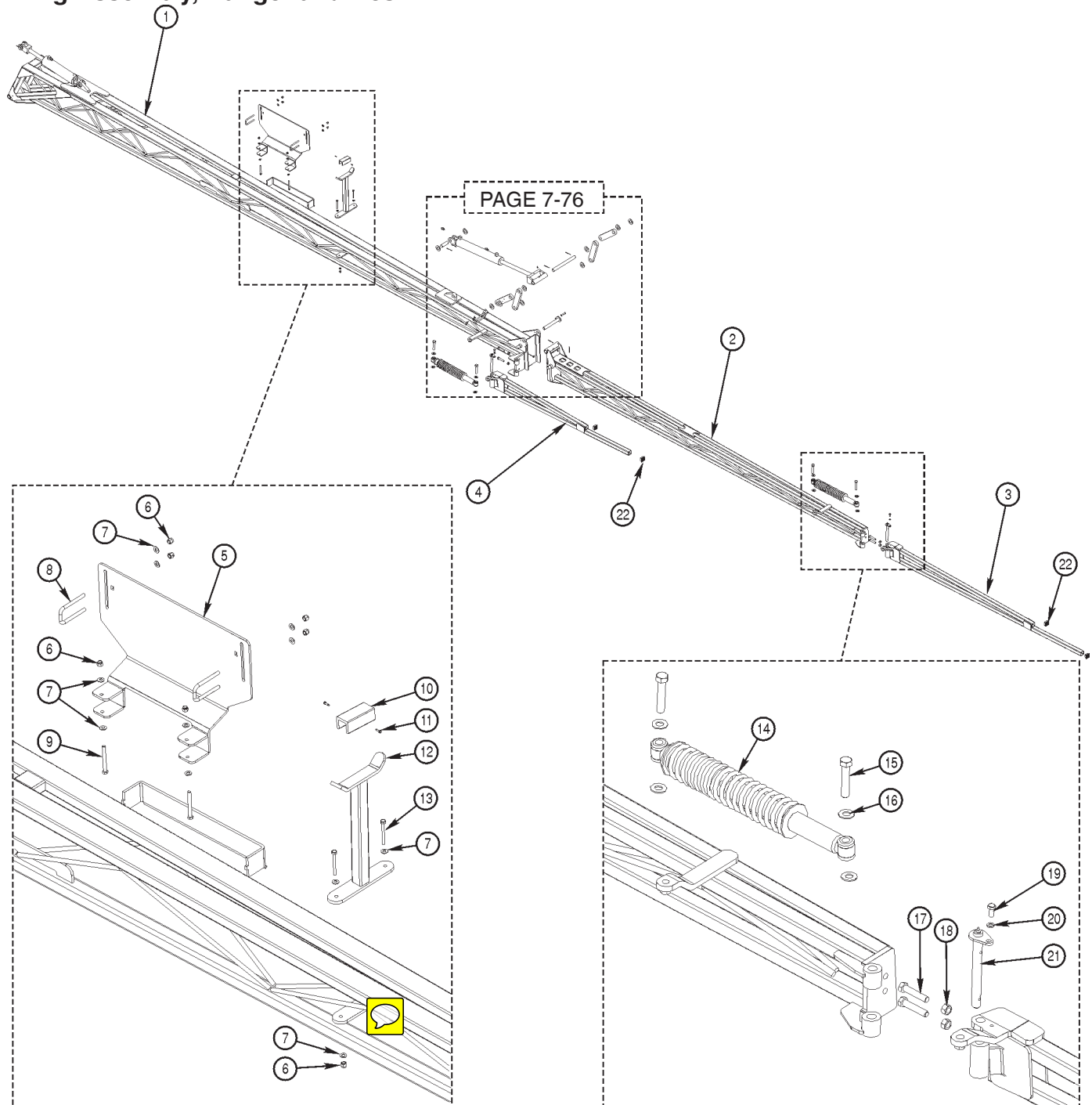
Item	Part Number	Qty	Description	Comments
1	903302604	4	Screw, 8-32 x 3/4 USS Buttonhead Socket	
2	710000005	2	Slim Line LED Marker Light	
3	903302605	4	Nut, 8-32 Keps	
4	900002610	A/R	Bolt, HHCS 5/16-18 x 1 G5 ZP	
5	902003195	A/R	Washer, Flat 5/16 G5 ZP	
6	901003010	A/R	Nut, Nylock 5/16-18 ZP	

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Boom

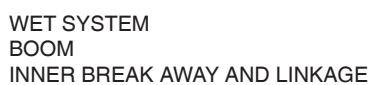
Note: Refer to page 7-108page 7-116 for Pommier Boom information.

Wing Assembly, Hanger and Rest



Item	Part Number	Qty	Description	Comments
1A	600902038	1	Inner Boom, Right Hand, 2" Bottom Tube	60',80',90',60/80 and 60/90 Booms
1B	600902039	1	Inner Boom, Left Hand, 2" Bottom Tube	60',80',90',60/80 and 60/90 Booms
1C	600902041	1	Inner Boom, Left and Right Hand , 2" Bottom Tube	100' Booms
2A	600902042	1	Intermediate Boom, Right Hand	80' and 60/80 Booms
2B	600902043	1	Intermediate Boom, Left Hand	80' and 60/80 Booms
2C	600902044	1	Intermediate Boom, Right Hand	90' and 60/90 Booms
2D	600902045	1	Intermediate Boom, Left Hand	90' and 60/90 Booms
2E	600902046	1	Intermediate Boom, Right Hand	100' Booms
2F	600902047	1	Intermediate Boom, Left Hand	100' Booms
3A	600902048	1	Outer Breakaway, Right Hand	100' Booms
3B	600902049	1	Outer Breakaway, Left Hand	100' Booms
3C	600902050	1	Outer Breakaway, Right Hand	80',90',60/80 and 60/90 Booms
3D	600902051	1	Outer Breakaway, Left Hand	80',90',60/80 and 60/90 Booms
4A	600902052	1	Inner Breakaway, Right Hand 60' section	60', 60/80, 60/90 Booms
4B	600902053	1	Inner Breakaway, Left Hand 60' section	60', 60/80, 60/90 Booms
4C	600902054	1	Inner Breakaway, Right Hand	66/90 Booms
4D	600902055	1	Inner Breakaway, Left Hand	66/90 Booms
5	600901232	2	Hanger, Boom 2" Bottom Tube	
6	901003020	16	Nut, Nylock 3/8-16 ZP	
7	902003200	24	Washer, Flat 3/8 G5 ZP	
8	620000854	4	U-Bolt 3/8 x 2 x 4"	
9	900002875	4	Bolt, HHCS 3/8-16 x 3 1/2" G5 ZP	
10	600901032	2	Bumper, Rubber Boom Rest	
11	915001301	4	Screw, Self Tap 12 x 3/4 Hex	
12	600901109	2	Boom Rest	
13	900002865	4	Bolt, HHCS 3/8-16 x 3" G5 ZP	
14	600901251	1	Shock, Boom	
15	900004011	2	Bolt, HHCS 9/16-12 x 3" G5 ZP	
16	902201126	4	Washer, Flat 9/16 ZP	
17	900003265	2	Bolt, HHCS 1/2-13 x 2 1/2" G5 ZP	
18	901000005	4	Nut, Hex 1/2-13 ZP	
19	915003012	1	Zerk Fitting, 5/16-24 Flagpin	
20	900002806	2	Washer, Lock 3/8"	
21	600901127	1	Pin, Flag Boom Breakaway	
22	936000000	4	Plug, 1.5" x 1.5"	

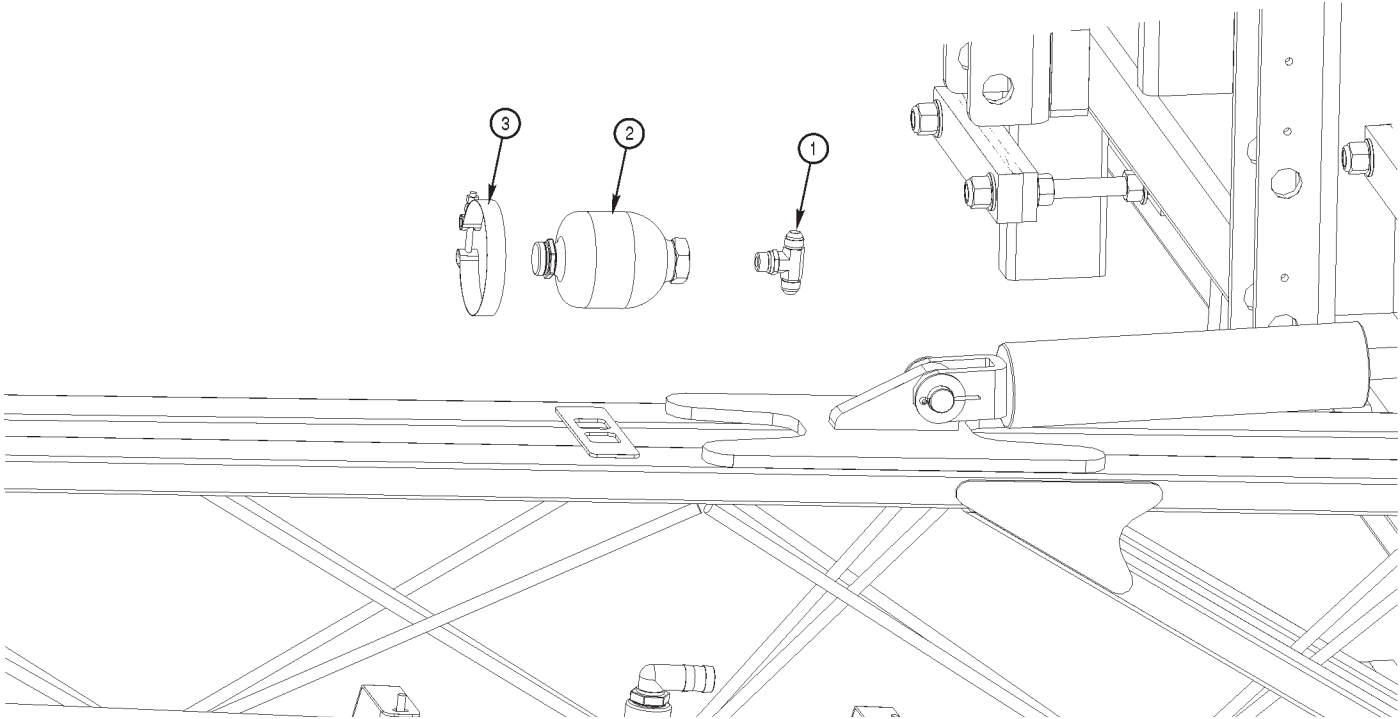
Inner Break Away and Linkage



Item	Part Number	Qty	Description	Comments
1	800303022	2	Fitting, 6 FLM x 6 ORM ST	
2	902002049	12	Washer, Flat Fender 1" Boom	
3	600901519	1	Pin, Cylinder 1" x 3" Barrel End	
4	600901521	6	Cotter Pin	
5A	600901511	1	Cylinder, 2.5" x 16 Boom Tip	Seal Kit P/N 600901516
5B	600901508	1	Cylinder, 3" x 16 Boom Tip	(100 foot booms only) Seal Kit P/N 600901507
6	915003010	5	Zerk, Grease 1/4" NPT Straight	
7	600901524	1	Pin, Boom Linkage 1" OD x 11"	
8	600901237	4	Linkage Arm	
9	900002805	4	Bolt, HHCS 3/8-16 x 3/4 G5 ZP	
10	900002806	4	Washer, Lock 3/8"	
11	600901125	1	Pin, Flag Inner Boom Pivot	
12	901000005	4	Nut, Hex 1/2-13	
13	900003265	2	Bolt, HHCS 1/2-13 x 2 1/2 G5 ZP	
14	600901127	1	Pin, Flag Boom Breakaway	
15	600901251	1	Shock, Boom	
16	902201126	4	Washer, Flat 9/16	
17	900004011	2	Bolt, HHCS 9/16-12 x 3.00 GR 5	
18	690000303	1	Bracket, Product Hose Hanger	
19	600902037	1	Linkage Bar W/Ring Mount 2010	

Boom (cont.)

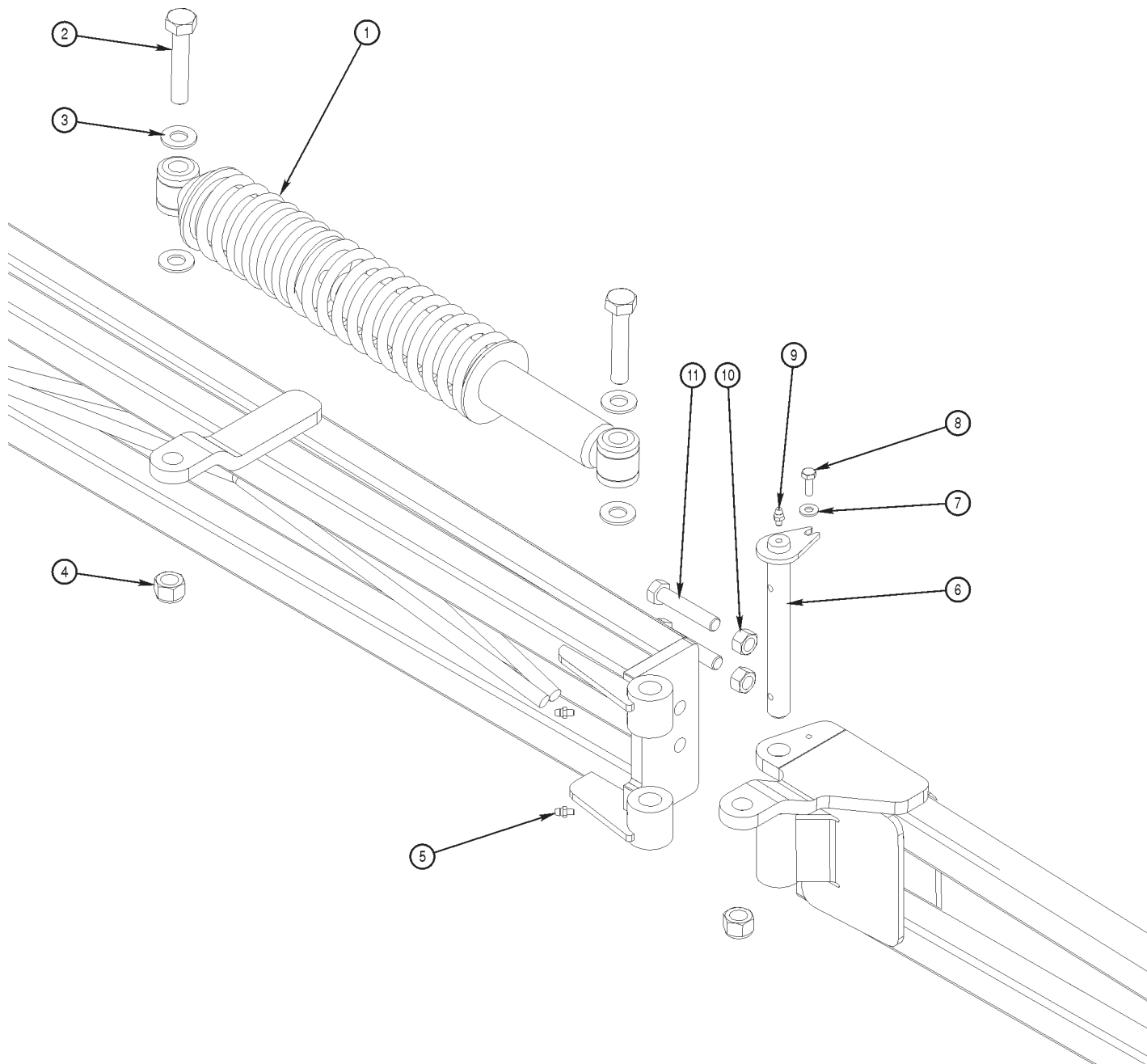
Wing Accumulator



Item	Part Number	Qty	Description	Comments
1	800302214	1	Fitting, 8 ORM x 8 FLM x 8 FLM	
2	600901513	1	Accumulator, Boom Wing 20 cubic	
3	600901522	1	Clamp, Accumulator Boom Wing	

Boom (cont.)

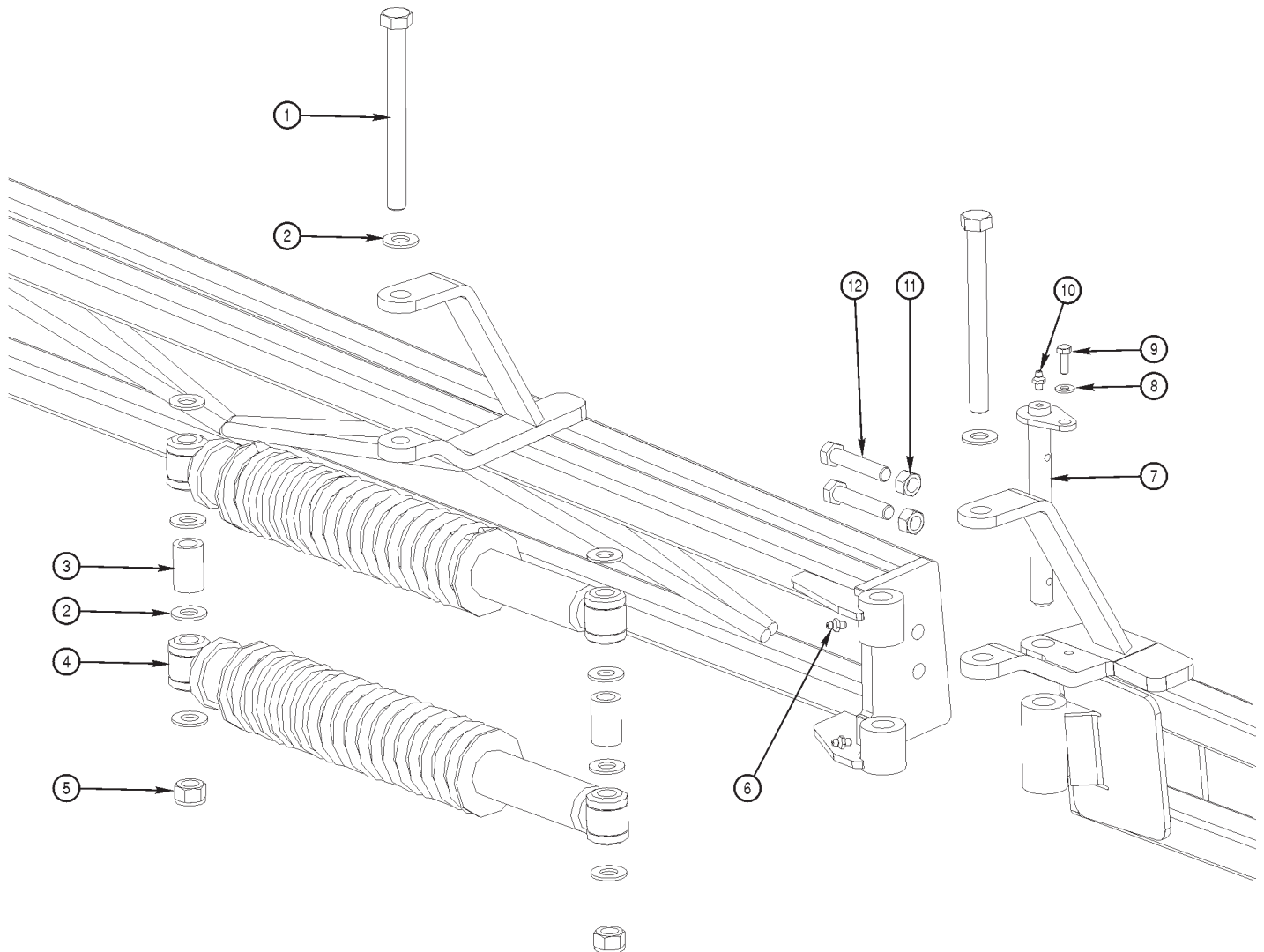
Outer Break Away (80' and 90' Booms)



Item	Part Number	Qty	Description	Comments
1	600901251	1	Shock, Boom	
2	900004011	2	Bolt, HHCS 9/16-12 x 3" G5 ZP	
3	902201126	4	Washer, Flat 9/16" ZP	
4	901000003	2	9/16-12 Nut, Nylock	
5	915003010	3	Zerk, Grease 1/4" NPT ST	
6	600901127	1	Pin, Flag Boom Breakaway	
7	900002806	2	Washer, Lock 3/8"	
8	900002805	2	Bolt, HHCS 3/8-16 x 3/4"	
9	915003012	1	Zerk Fitting, 5/16-24 Flagpin	
10	901000005	4	Nut, Hex 1/2-13 ZP	
11	900003265	2	Bolt, HHCS 1/2-13 x 2 1/2" G5 ZP	

Boom (cont.)

Outer Break Away (100' Booms)

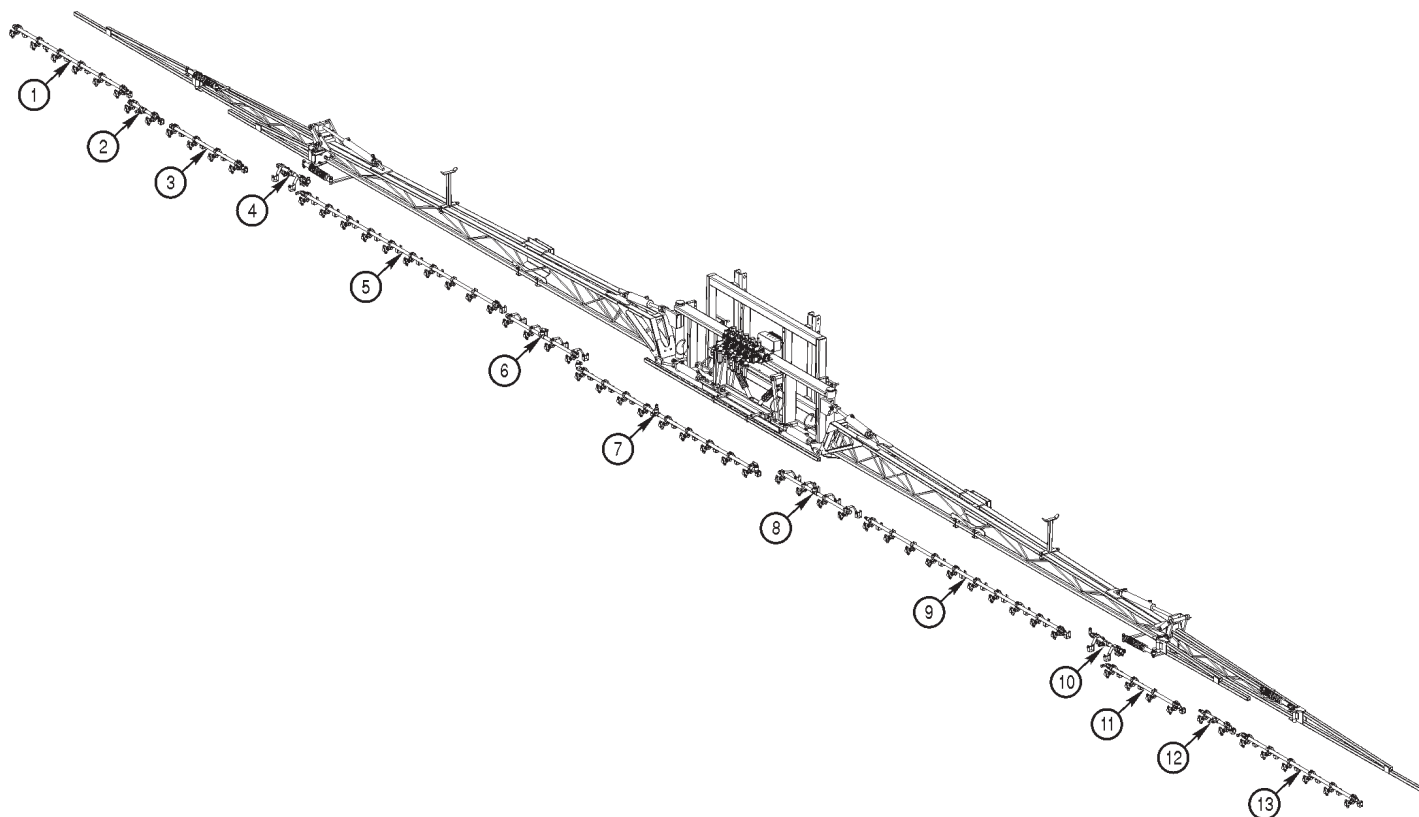


Item	Part Number	Qty	Description	Comments
1	900004009	2	Bolt, HHCS 9/16-12 x 6 1/2" G5 ZP	
2	902201126	4	Washer, Flat 9/16" ZP	
3	600901249	2	Spacer, Boom Shock	
4	600901251	2	Shock, Boom	
5	901000003	2	9/16-12 Nut, Nylock	
6	915003010	3	Zerk, Grease 1/4" NPT ST	
7	600901127	1	Pin, Flag Boom Breakaway	
8	900002806	2	Washer, Lock 3/8"	
9	900002805	2	Bolt, HHCS 3/8-16 x 3/4"	
10	915003012	1	Zerk Fitting, 5/16-24 Flagpin	
11	901000005	4	Nut, Hex 1/2-13 ZP	
12	900003265	2	Bolt, HHCS 1/2-13 x 2 1/2" G5 ZP	

Boom Plumbing

5 Section Block

60'-80' and Straight 80' Boom (nozzle spacing 15" on center)

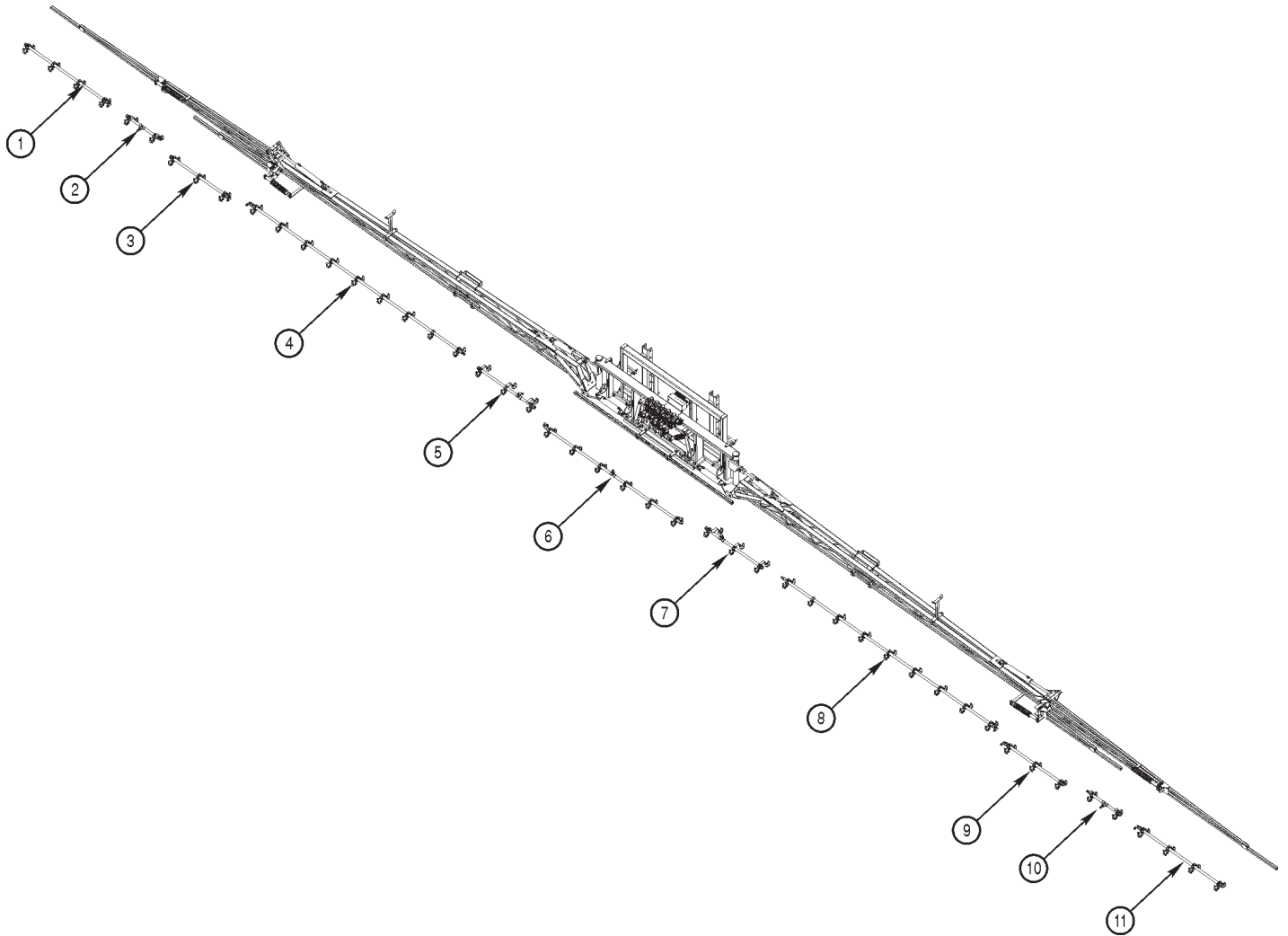


Item	Part Number	Qty	Description	Comments
1	690001195	1	Spray Bar, Brkwy 15 RS 75 LNG LH	Does not include nozzle body brackets and nozzle bodies
2	690001197	1	Spray Bar, Inter 15 RS 15 LNG LH	Does not include nozzle body brackets and nozzle bodies
3	690001191	1	Spray Bar, Brkwy 15 RS 45 LNG LH	Does not include nozzle body brackets and nozzle bodies
4	690001189	1	Spray Bar, Inner 15 RS 15 LNG LH	Does not include nozzle body brackets and nozzle bodies
5	690001187	1	Spray Bar, Inner 15 RS 135 LNG LH	Does not include nozzle body brackets and nozzle bodies
6	690001186	1	Spray Bar, Inner 15 RS 45 LNG LH	Does not include nozzle body brackets and nozzle bodies
7	690001752	1	Spray Bar, Center 15 RS 120 LNG	Does not include nozzle body brackets and nozzle bodies
8	690001180	1	Spray Bar, Inner 15 RS 45 LNG RH	Does not include nozzle body brackets and nozzle bodies
9	690001181	1	Spray Bar, Inner 15 RS 135 LNG RH	Does not include nozzle body brackets and nozzle bodies
10	690001188	1	Spray Bar, Inner 15 RS 15 LNG RH	Does not include nozzle body brackets and nozzle bodies
11	690001190	1	Spray Bar, Brkwy 15 RS 45 LNG RH	Does not include nozzle body brackets and nozzle bodies
12	690001196	1	Spray Bar, Inter 15 RS 15 LNG RH	Does not include nozzle body brackets and nozzle bodies
13	690001194	1	Spray Bar, Brkwy 15 RS 75 LNG RH	Does not include nozzle body brackets and nozzle bodies
	690001771	1	Boom Plumbing, Assy 60/80 15 RS	Includes 1 each of Items 1 - 13
	RM800860	1	Black Poly Pipe, 1"	
	640000420	1	Hose Barb, 1"	
	640000520	1	Hose Barb 90, 1"	
	640010200	1	Coupling, 1"	
	640001020	1	Tee, 1"	
	640000100	1	Cap, 1"	
	640100133	1	Female Hose Barb, 1"	

Boom Plumbing (cont.)

5 Section Block (cont.)

60'-80' and Straight 80' Boom (nozzle spacing 20" on center)

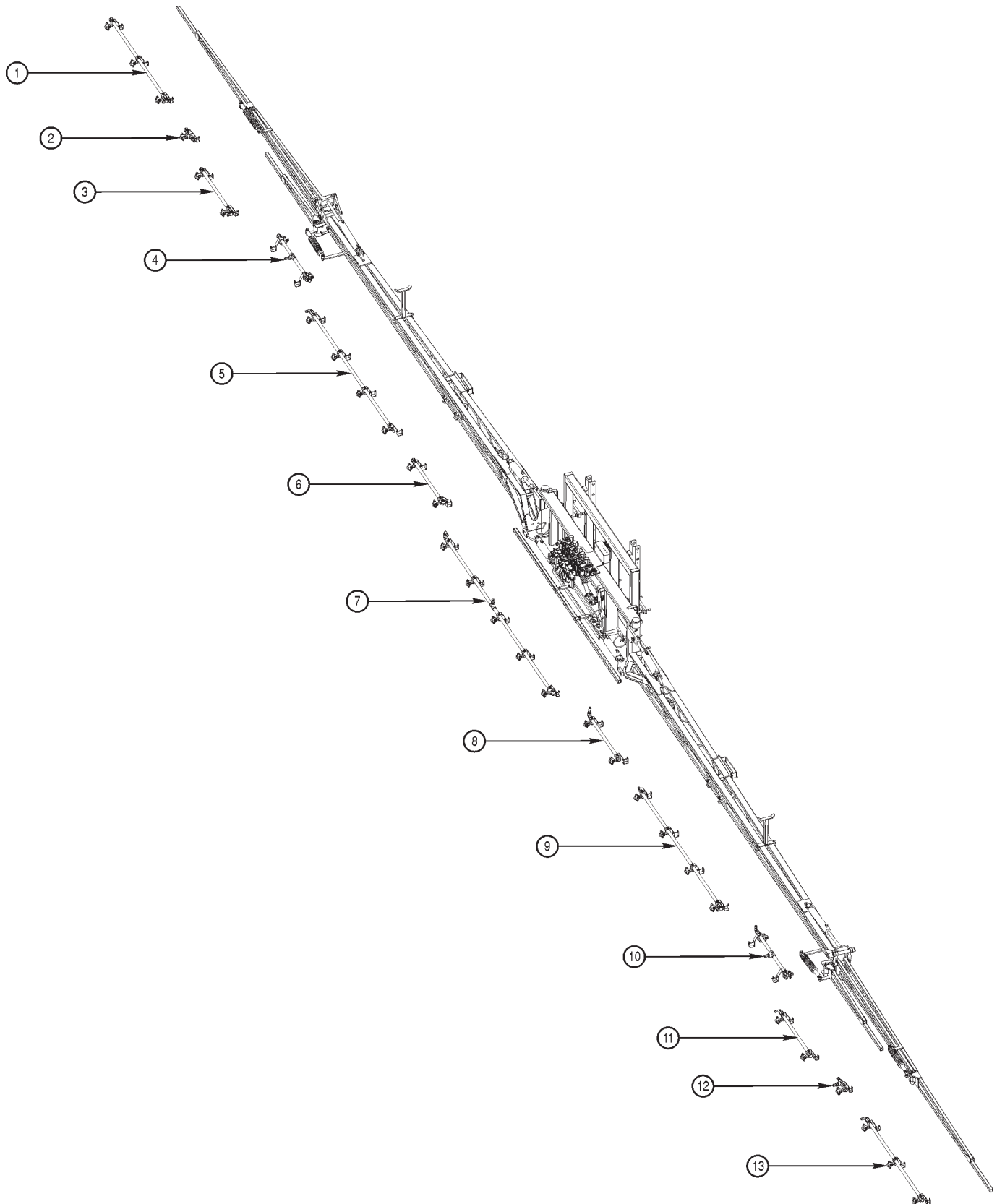


Item	Part Number	Qty	Description	Comments
1	690001764	1	Spray Bar, Brkwy 20 RS 60 LNG LH	Does not include nozzle body brackets and nozzle bodies
2	690001766	1	Spray Bar, Inter 20 RS 20 LNG LH	Does not include nozzle body brackets and nozzle bodies
3	690001760	1	Spray Bar, Brkwy 20 RS 40 LNG LH	Does not include nozzle body brackets and nozzle bodies
4	690001758	1	Spray Bar, Inner 20 RS 160 LNG LH	Does not include nozzle body brackets and nozzle bodies
5	690001757	1	Spray Bar, Inner 20 RS 40 LNG LH	Does not include nozzle body brackets and nozzle bodies
6	690001753	1	Spray Bar, Center 20 RS 100 LNG	Does not include nozzle body brackets and nozzle bodies
7	690001755	1	Spray Bar, Inner 20 RS 40 LNG RH	Does not include nozzle body brackets and nozzle bodies
8	690001756	1	Spray Bar, Inner 20 RS 160 LNG RH	Does not include nozzle body brackets and nozzle bodies
9	690001759	1	Spray Bar, Brkwy 20 RS 40 LNG RH	Does not include nozzle body brackets and nozzle bodies
10	690001765	1	Spray Bar, Inter 20 RS 20 LNG RH	Does not include nozzle body brackets and nozzle bodies
11	690001763	1	Spray Bar, Brkwy 20 RS 60 LNG RH	Does not include nozzle body brackets and nozzle bodies
	690001768	1	Boom Plumbing, Assy 60/80 20 RS	Includes 1 each of Items 1 - 11
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

Boom Plumbing (cont.)

5 Section Block (cont.)

60'-80' and Straight 80' Boom (nozzle spacing 30" on center)

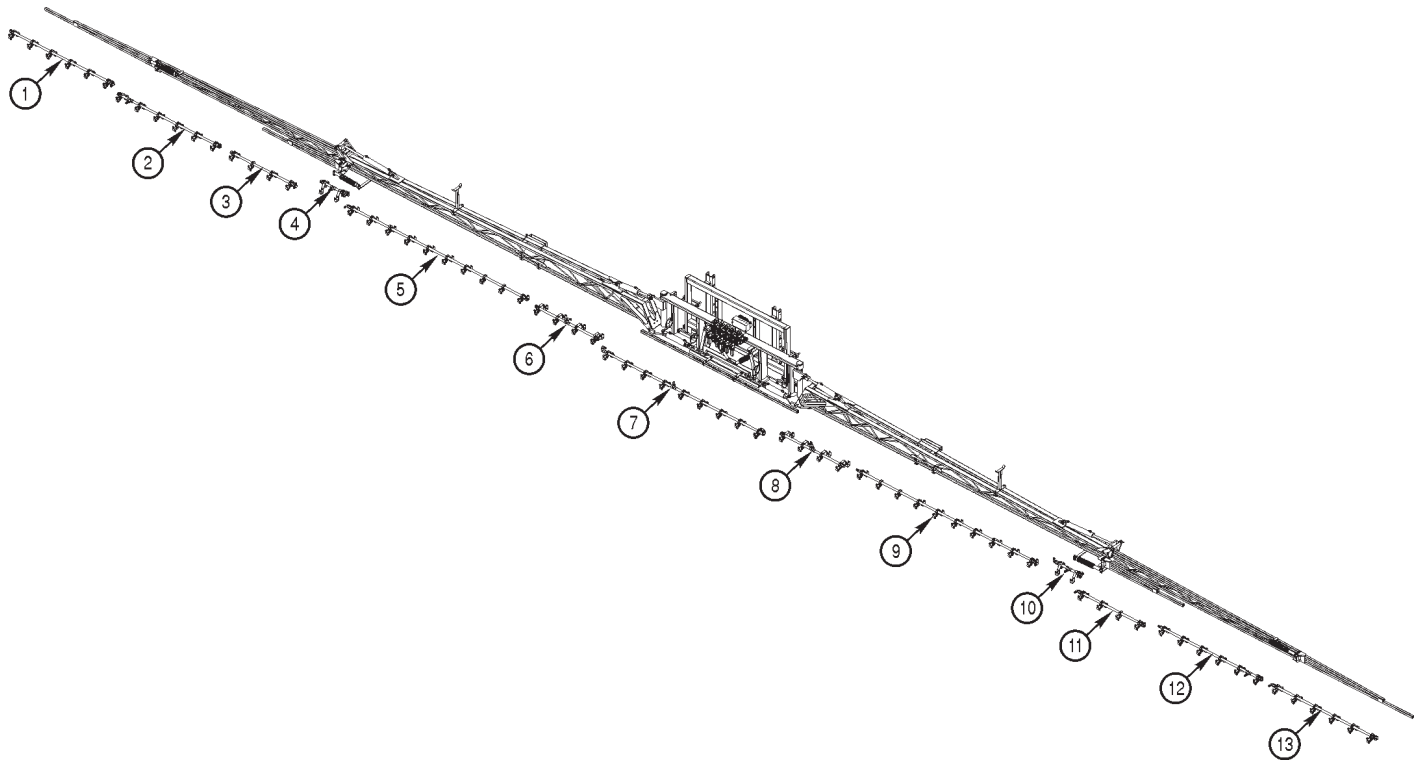


Item	Part Number	Qty	Description	Comments
1	690001213	1	Spray Bar, Brkwy 30 RS 60 LNG LH	Does not include nozzle body brackets and nozzle bodies
2	690001215	1	Spray Bar, Inter 30 RS 1 Nozzle LH	Does not include nozzle body brackets and nozzle bodies
3	690001209	1	Spray Bar, Brkwy 30 RS 30 LNG LH	Does not include nozzle body brackets and nozzle bodies
4	690001207	1	Spray Bar, Inner 30 RS 30 LNG LH	Does not include nozzle body brackets and nozzle bodies
5	690001205	1	Spray Bar, Inner 30 RS 90 LNG LH	Does not include nozzle body brackets and nozzle bodies
6	690001204	1	Spray Bar, Inner 30 RS 30 LNG LH	Does not include nozzle body brackets and nozzle bodies
7	690001754	1	Spray Bar, Center 30 RS 120 LNG	Does not include nozzle body brackets and nozzle bodies
8	690001202	1	Spray Bar, Inner 30 RS 30 LNG RH	Does not include nozzle body brackets and nozzle bodies
9	690001203	1	Spray Bar, Inner 30 RS 90 LNG RH	Does not include nozzle body brackets and nozzle bodies
10	690001206	1	Spray Bar, Inner 30 RS 30 LNG RH	Does not include nozzle body brackets and nozzle bodies
11	690001208	1	Spray Bar, Brkwy 30 RS 30 LNG RH	Does not include nozzle body brackets and nozzle bodies
12	690001214	1	Spray Bar, Inter 30 RS 1 Nozzle RH	Does not include nozzle body brackets and nozzle bodies
13	690001212	1	Spray Bar, Brkwy 30 RS 60 LNG RH	Does not include nozzle body brackets and nozzle bodies
	690001774	1	Boom Plumbing, Assy 60/80 30 RS	Includes 1 each of Items 1 - 13
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

Boom Plumbing (cont.)

5 Section Block (cont.)

60'-90' and Straight 90' Boom (nozzle spacing 15" on center)

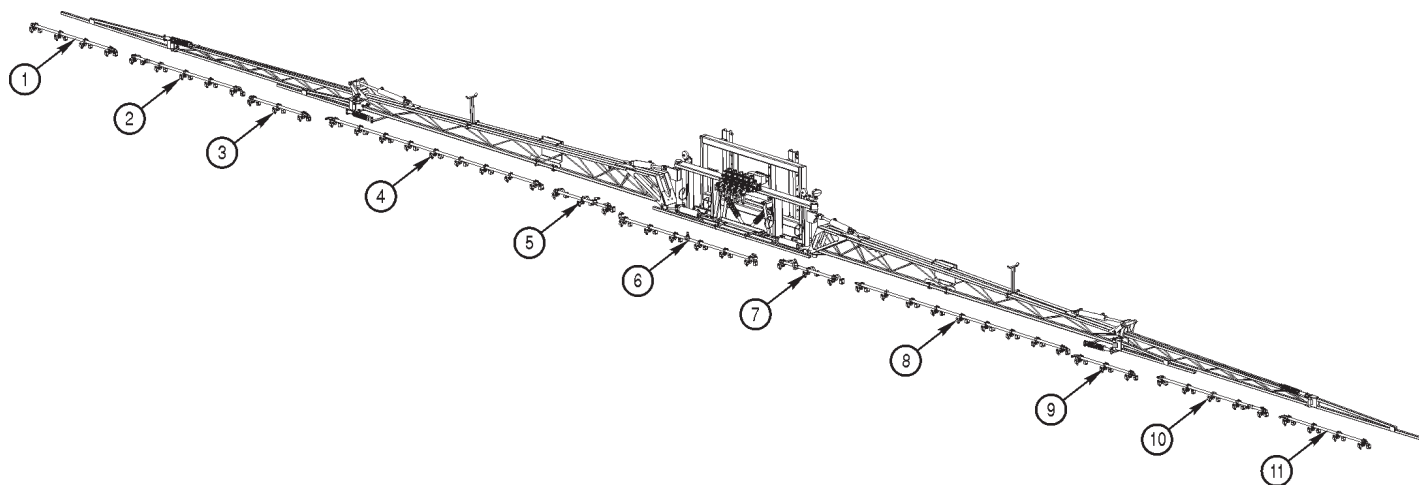


Item	Part Number	Qty	Description	Comments
1	690001195	1	Spray Bar, Brkwy 15 RS 75 LNG LH	Does not include nozzle body brackets and nozzle bodies
2	690001193	1	Spray Bar, Inter 15 RS 75 LNG LH	Does not include nozzle body brackets and nozzle bodies
3	690001191	1	Spray Bar, Brkwy 15 RS 45 LNG LH	Does not include nozzle body brackets and nozzle bodies
4	690001189	1	Spray Bar, Inner 15 RS 15 LNG LH	Does not include nozzle body brackets and nozzle bodies
5	690001187	1	Spray Bar, Inner 15 RS 135 LNG LH	Does not include nozzle body brackets and nozzle bodies
6	690001186	1	Spray Bar, Inner 15 RS 45 LNG LH	Does not include nozzle body brackets and nozzle bodies
7	690001752	1	Spray Bar, Center 15 RS 120 LNG	Does not include nozzle body brackets and nozzle bodies
8	690001180	1	Spray Bar, Inner 15 RS 45 LNG RH	Does not include nozzle body brackets and nozzle bodies
9	690001181	1	Spray Bar, Inner 15 RS 135 LNG RH	Does not include nozzle body brackets and nozzle bodies
10	690001188	1	Spray Bar, Inner 15 RS 15 LNG RH	Does not include nozzle body brackets and nozzle bodies
11	690001190	1	Spray Bar, Brkwy 15 RS 45 LNG RH	Does not include nozzle body brackets and nozzle bodies
12	690001192	1	Spray Bar, Inter 15 RS 75 LNG RH	Does not include nozzle body brackets and nozzle bodies
13	690001194	1	Spray Bar, Brkwy 15 RS 75 LNG RH	Does not include nozzle body brackets and nozzle bodies
	690001770	1	Boom Plumbing, Assy 60/90 15 RS	Includes 1 each of Items 1 - 13
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

Boom Plumbing (cont.)

5 Section Block (cont.)

60'-90' and Straight 90' Boom (nozzle spacing 20" on center)

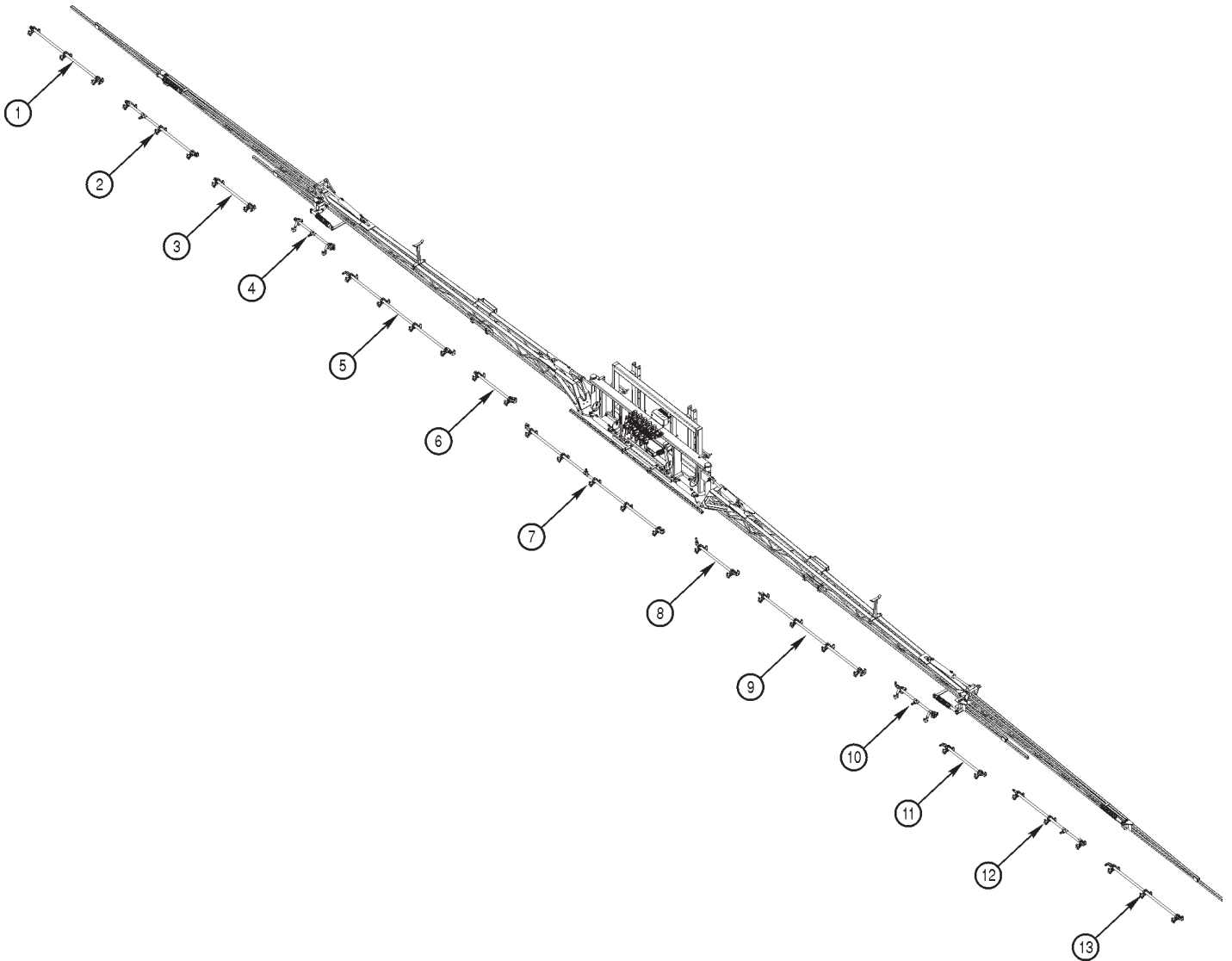


Item	Part Number	Qty	Description	Comments
1	690001764	1	Spray Bar, Brkwy 20 RS 60 LNG LH	Does not include nozzle body brackets and nozzle bodies
2	690001762	1	Spray Bar, Inter 20 RS 80 LNG LH	Does not include nozzle body brackets and nozzle bodies
3	690001760	1	Spray Bar, Brkwy 20 RS 40 LNG LH	Does not include nozzle body brackets and nozzle bodies
4	690001758	1	Spray Bar, Inner 20 RS 160 LNG LH	Does not include nozzle body brackets and nozzle bodies
5	690001757	1	Spray Bar, Inner 20 RS 40 LNG LH	Does not include nozzle body brackets and nozzle bodies
6	690001753	1	Spray Bar, Center 20 RS 100 LNG	Does not include nozzle body brackets and nozzle bodies
7	690001755	1	Spray Bar, Inner 20 RS 40 LNG RH	Does not include nozzle body brackets and nozzle bodies
8	690001756	1	Spray Bar, Inner 20 RS 160 LNG RH	Does not include nozzle body brackets and nozzle bodies
9	690001759	1	Spray Bar, Brkwy 20 RS 40 LNG RH	Does not include nozzle body brackets and nozzle bodies
10	690001761	1	Spray Bar, Inter 20 RS 80 LNG RH	Does not include nozzle body brackets and nozzle bodies
11	690001763	1	Spray Bar, Brkwy 20 RS 60 LNG RH	Does not include nozzle body brackets and nozzle bodies
	690001767	1	Boom Plumbing, Assy 60/90 20 RS	Includes 1 each of Items 1 - 11
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

Boom Plumbing (cont.)

5 Section Block (cont.)

60'-90' and Straight 90' Boom (nozzle spacing 30" on center)

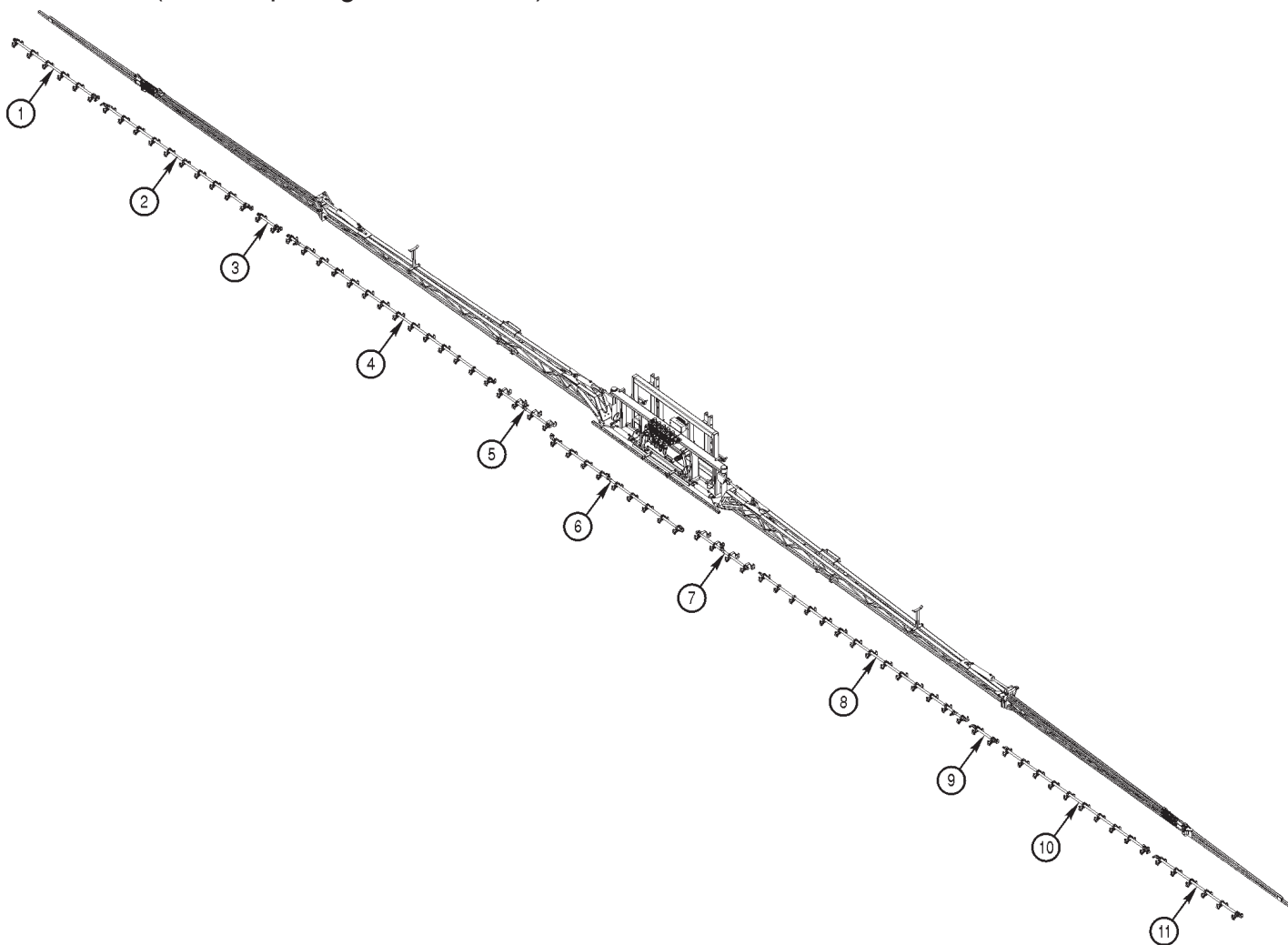


Item	Part Number	Qty	Description	Comments
1	690001213	1	Spray Bar, Brkwy 30 RS 60 LNG LH	Does not include nozzle body brackets and nozzle bodies
2	690001211	1	Spray Bar, Inter 30 RS 60 LNG LH	Does not include nozzle body brackets and nozzle bodies
3	690001209	1	Spray Bar, Brkwy 30 RS 30 LNG LH	Does not include nozzle body brackets and nozzle bodies
4	690001207	1	Spray Bar, Inner 30 RS 30 LNG LH	Does not include nozzle body brackets and nozzle bodies
5	690001205	1	Spray Bar, Inner 30 RS 90 LNG LH	Does not include nozzle body brackets and nozzle bodies
6	690001204	1	Spray Bar, Inner 30 RS 30 LNG LH	Does not include nozzle body brackets and nozzle bodies
7	690001754	1	Spray Bar, Center 30 RS 120 LNG	Does not include nozzle body brackets and nozzle bodies
8	690001202	1	Spray Bar, Inner 30 RS 30 LNG RH	Does not include nozzle body brackets and nozzle bodies
9	690001203	1	Spray Bar, Inner 30 RS 90 LNG RH	Does not include nozzle body brackets and nozzle bodies
10	690001206	1	Spray Bar, Inner 30 RS 30 LNG RH	Does not include nozzle body brackets and nozzle bodies
11	690001208	1	Spray Bar, Brkwy 30 RS 30 LNG RH	Does not include nozzle body brackets and nozzle bodies
12	690001210	1	Spray Bar, Inter 30 RS 60 LNG RH	Does not include nozzle body brackets and nozzle bodies
13	690001212	1	Spray Bar, Brkwy 30 RS 60 LNG RH	Does not include nozzle body brackets and nozzle bodies
	690001773	1	Boom Plumbing, Assy 60/90 30 RS	Includes 1 each of Items 1 - 13
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

Boom Plumbing (cont.)

5 Section Block (cont.)

100' Boom (nozzle spacing 15" on center)

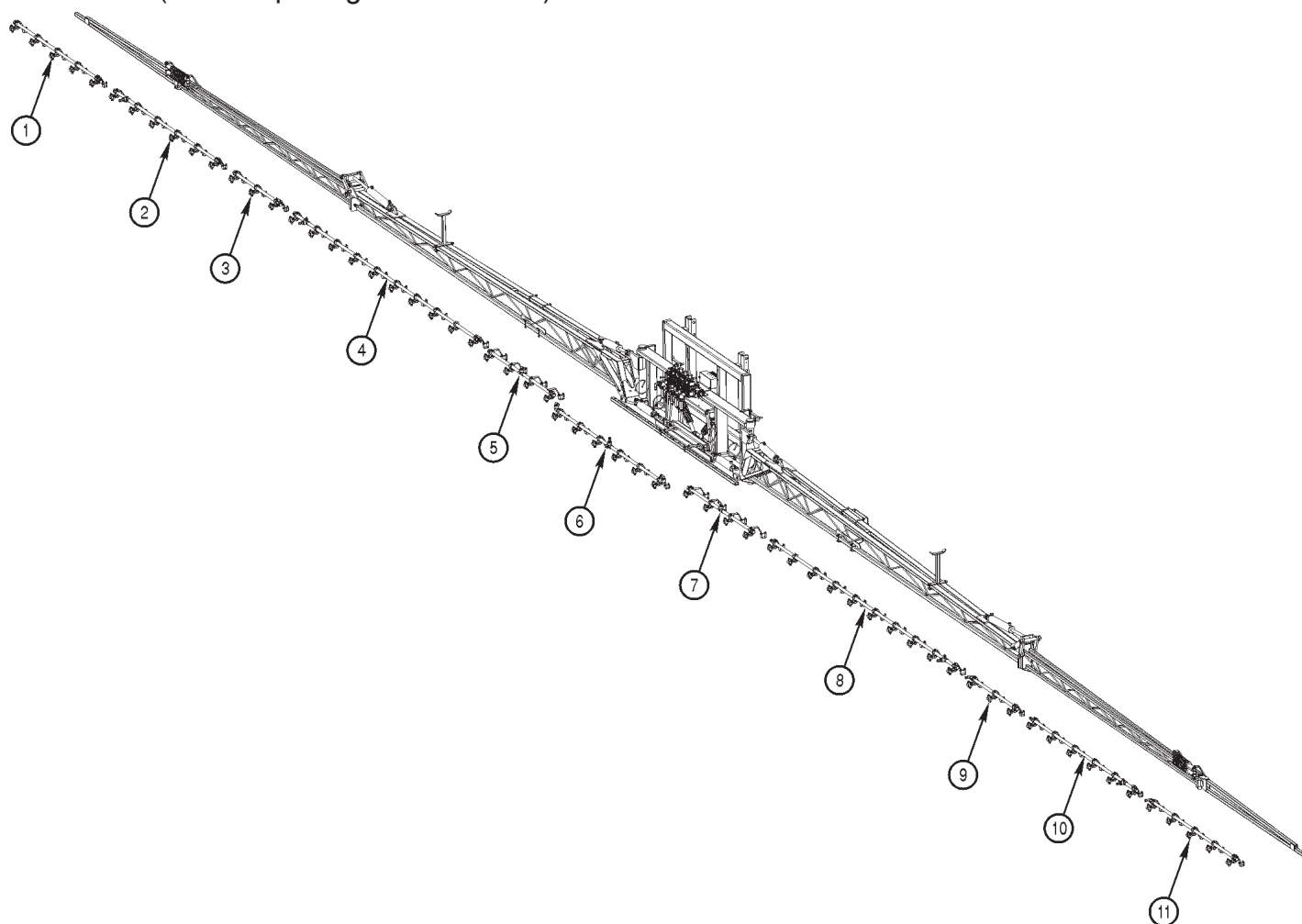


Item	Part Number	Qty	Description	Comments
1	690001195	1	Spray Bar, Brkwy 15 RS 75 LNG LH	Does not include nozzle body brackets and nozzle bodies
2	690001187	1	Spray Bar, Inner 15 RS 135 LNG LH	Does not include nozzle body brackets and nozzle bodies
3	690001201	1	Spray Bar, Inter 15 RS 15 LNG LH	Does not include nozzle body brackets and nozzle bodies
4	690001199	1	Spray Bar, Inner 15 RS 195 LNG LH	Does not include nozzle body brackets and nozzle bodies
5	690001186	1	Spray Bar, Inner 15 RS 45 LNG LH	Does not include nozzle body brackets and nozzle bodies
6	690001752	1	Spray Bar, Center 15 RS 120 LNG	Does not include nozzle body brackets and nozzle bodies
7	690001180	1	Spray Bar, Inner 15 RS 45 LNG RH	Does not include nozzle body brackets and nozzle bodies
8	690001198	1	Spray Bar, Inner 15 RS 195 LNG RH	Does not include nozzle body brackets and nozzle bodies
9	690001200	1	Spray Bar, Inter 15 RS 15 LNG RH	Does not include nozzle body brackets and nozzle bodies
10	690001181	1	Spray Bar, Inner 15 RS 135 LNG RH	Does not include nozzle body brackets and nozzle bodies
11	690001194	1	Spray Bar, Brkwy 15 RS 75 LNG RH	Does not include nozzle body brackets and nozzle bodies
	690001772	1	Boom Plumbing, Assy 100 15 RS	Includes 1 each of Items 1 - 11
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

Boom Plumbing (cont.)

5 Section Block (cont.)

100' Boom (nozzle spacing 20" on center)

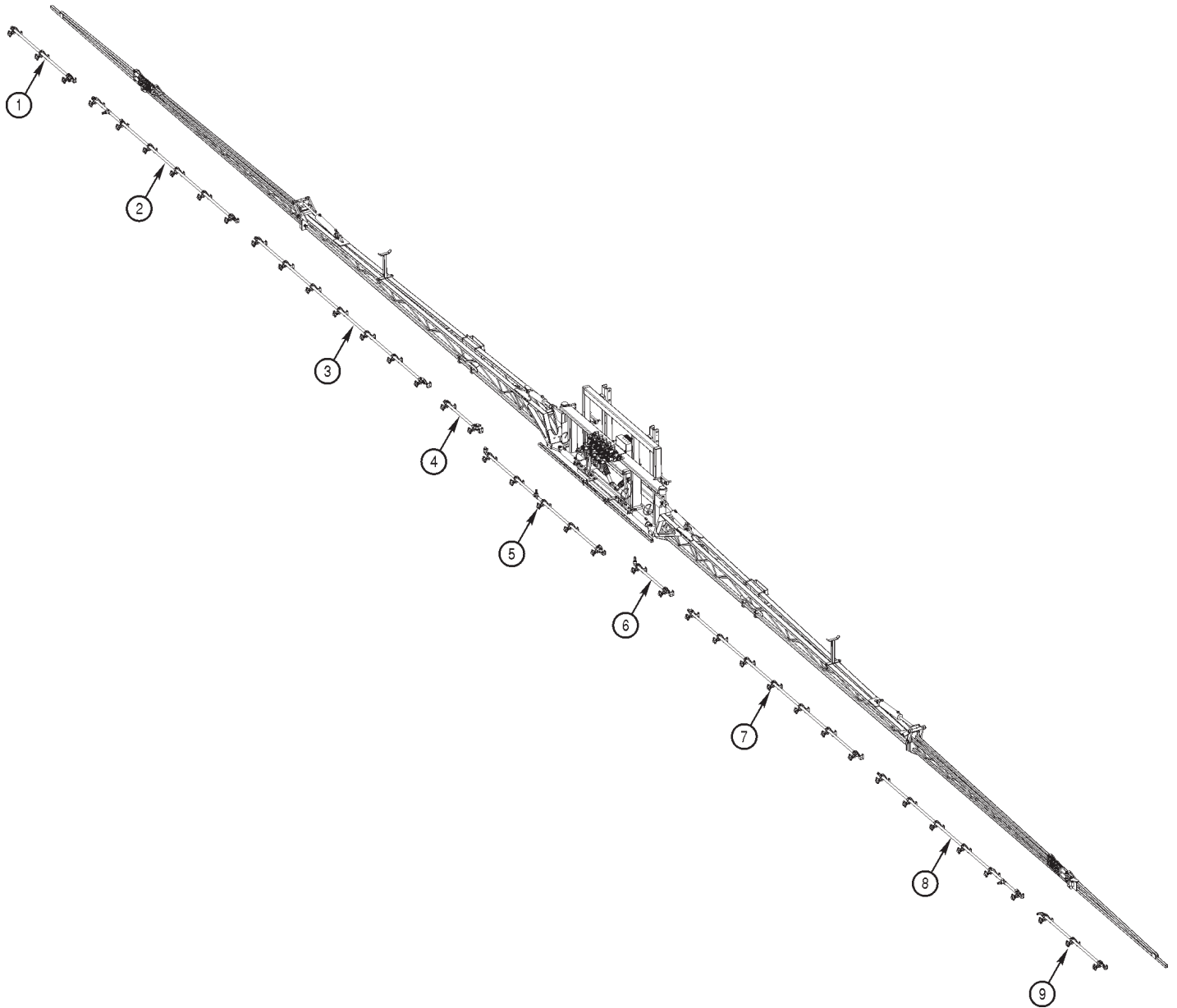


Item	Part Number	Qty	Description	Comments
1	690001185	1	Spray Bar, Brkwy 20 RS 80 LNG LH	Does not include nozzle body brackets and nozzle bodies
2	690001183	1	Spray Bar, Inter 20 RS 100 LNG LH	Does not include nozzle body brackets and nozzle bodies
3	690001760	1	Spray Bar, Brkwy 20 RS 40 LNG LH	Does not include nozzle body brackets and nozzle bodies
4	690001179	1	Spray Bar, Inner 20 RS 180 LNG LH	Does not include nozzle body brackets and nozzle bodies
5	690001177	1	Spray Bar, Inner 20 RS 60 LNG LH	Does not include nozzle body brackets and nozzle bodies
6	690001753	1	Spray Bar, Center 20 RS 100 LNG	Does not include nozzle body brackets and nozzle bodies
7	690001176	1	Spray Bar, Inner 20 RS 60 LNG RH	Does not include nozzle body brackets and nozzle bodies
8	690001178	1	Spray Bar, Inner 20 RS 180 LNG RH	Does not include nozzle body brackets and nozzle bodies
9	690001759	1	Spray Bar, Brkwy 20 RS 40 LNG RH	Does not include nozzle body brackets and nozzle bodies
10	690001182	1	Spray Bar, Inter 20 RS 100 LNG RH	Does not include nozzle body brackets and nozzle bodies
11	690001184	1	Spray Bar, Brkwy 20 RS 80 LNG RH	Does not include nozzle body brackets and nozzle bodies
	690001769	1	Boom Plumbing, Assy 100 20 RS	Includes 1 each of Items 1 - 11
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

Boom Plumbing (cont.)

5 Section Block (cont.)

100' Boom (nozzle spacing 30" on center)

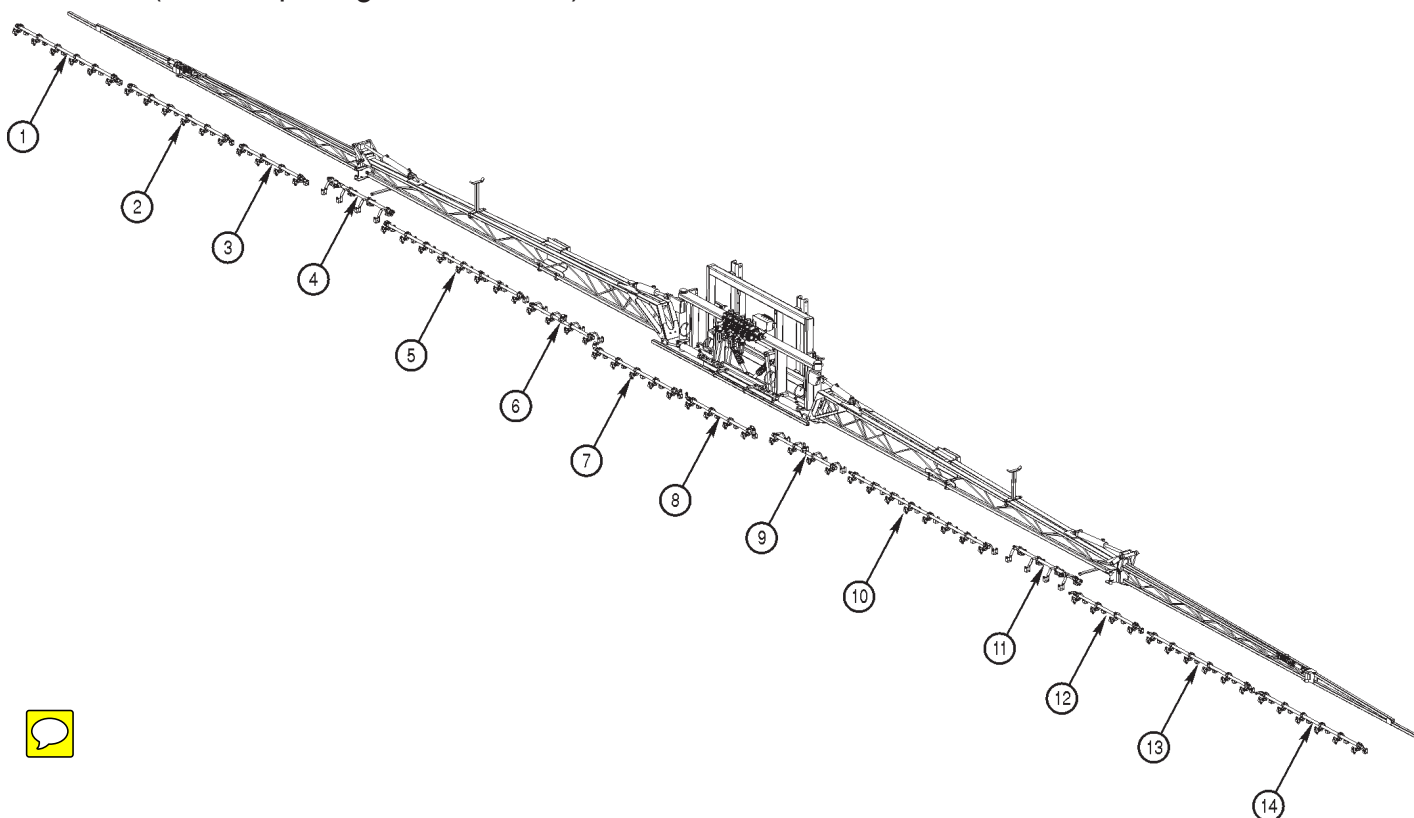


Item	Part Number	Qty	Description	Comments
1	690001213	1	Spray Bar, Brkwy 30 RS 60 LNG LH	Does not include nozzle body brackets and nozzle bodies
2	690001221	1	Spray Bar, Inter 30 RS 150 LNG LH	Does not include nozzle body brackets and nozzle bodies
3	690001217	1	Spray Bar, Inner 30 RS 120 LNG LH	Does not include nozzle body brackets and nozzle bodies
4	690001204	1	Spray Bar, Inner 30 RS 30 LNG LH	Does not include nozzle body brackets and nozzle bodies
5	690001754	1	Spray Bar, Center 30 RS 120 LNG	Does not include nozzle body brackets and nozzle bodies
6	690001202	1	Spray Bar, Inner 30 RS 30 LNG RH	Does not include nozzle body brackets and nozzle bodies
7	690001216	1	Spray Bar, Inner 30 RS 120 LNG RH	Does not include nozzle body brackets and nozzle bodies
8	690001220	1	Spray Bar, Inter 30 RS 150 LNG RH	Does not include nozzle body brackets and nozzle bodies
9	690001212	1	Spray Bar, Brkwy 30 RS 60 LNG RH	Does not include nozzle body brackets and nozzle bodies
	690001775	1	Boom Plumbing, Assy 100 30 RS	Includes 1 each of Items 1 - 9
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

Boom Plumbing (cont.)

10 Section Valve Block

90' Boom (nozzle spacing 15" on center)

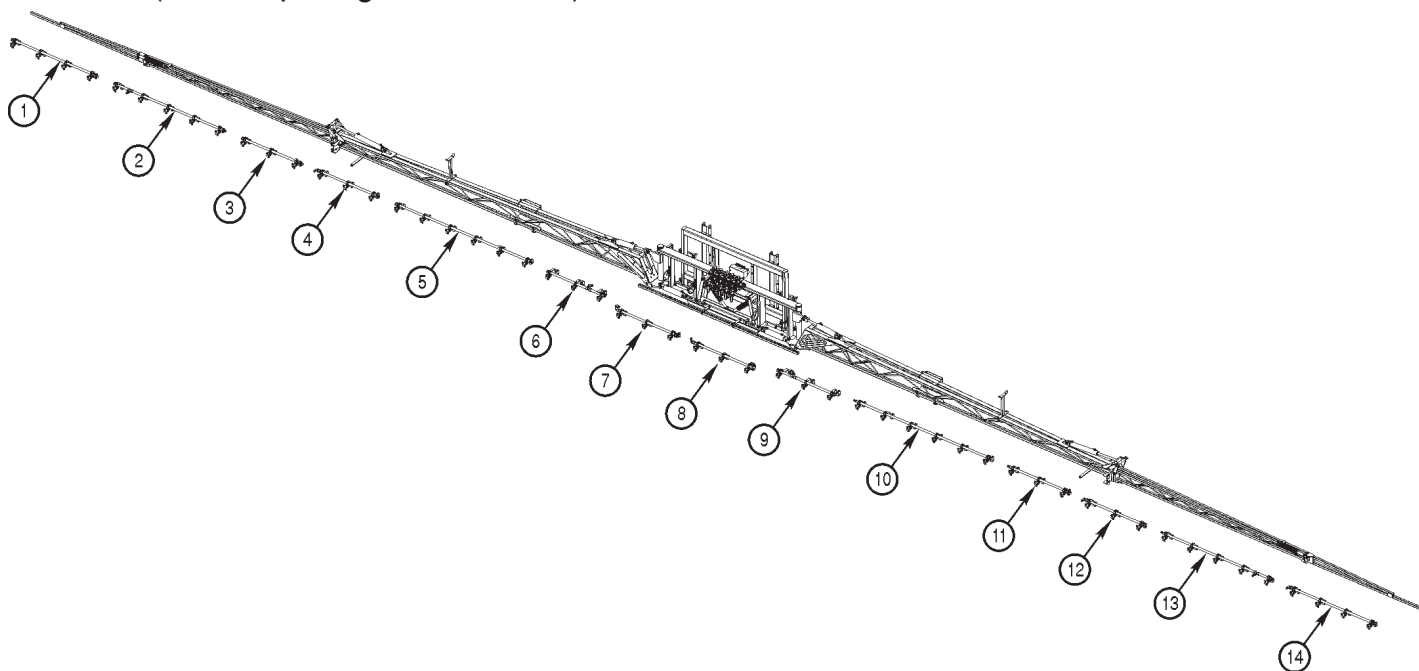


Item	Part Number	Qty	Description	Comments
1	690001195	1	Spray Bar, Brky 15 RS 75 LNG LH	Does not include nozzle body brackets and nozzle bodies
2	690001242	1	Spray Bar, Inter 15 RS 75 LNG LH	Does not include nozzle body brackets and nozzle bodies
3	690001191	1	Spray Bar, Brky 15 RS 45 LNG LH	Does not include nozzle body brackets and nozzle bodies
4	690001240	1	Spray Bar, Inner 15RS 45 LNG LH	Does not include nozzle body brackets and nozzle bodies
5	690001238	1	Spray Bar, Inner 15RS 105 LNG LH	Does not include nozzle body brackets and nozzle bodies
6	690001186	1	Spray Bar, Inner 15RS 45 LNG LH	Does not include nozzle body brackets and nozzle bodies
7	690001236	1	Spray Bar, Center 15 RS 60 LNG	Does not include nozzle body brackets and nozzle bodies
8	690001235	1	Spray Bar, Center 15 RS 45 LNG	Does not include nozzle body brackets and nozzle bodies
9	690001180	1	Spray Bar, Inner 15RS 45 LNG RH	Does not include nozzle body brackets and nozzle bodies
10	690001237	1	Spray Bar, Inner 15RS 105 LNG RH	Does not include nozzle body brackets and nozzle bodies
11	690001239	1	Spray Bar, Inner 15RS 45 LNG RH	Does not include nozzle body brackets and nozzle bodies
12	690001190	1	Spray Bar, Brky 15 RS 45 LNG RH	Does not include nozzle body brackets and nozzle bodies
13	690001241	1	Spray Bar, Inter 15 RS 75 LNG RH	Does not include nozzle body brackets and nozzle bodies
14	690001194	1	Spray Bar, Brky 15 RS 75 LNG RH	Does not include nozzle body brackets and nozzle bodies
	690001828	1	Boom Plumbing Assy 90 15RS 10 Sec	Includes 1 each of Items 1-14
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

Boom Plumbing (cont.)

10 Section Valve Block (cont.)

90' Boom (nozzle spacing 20" on center)

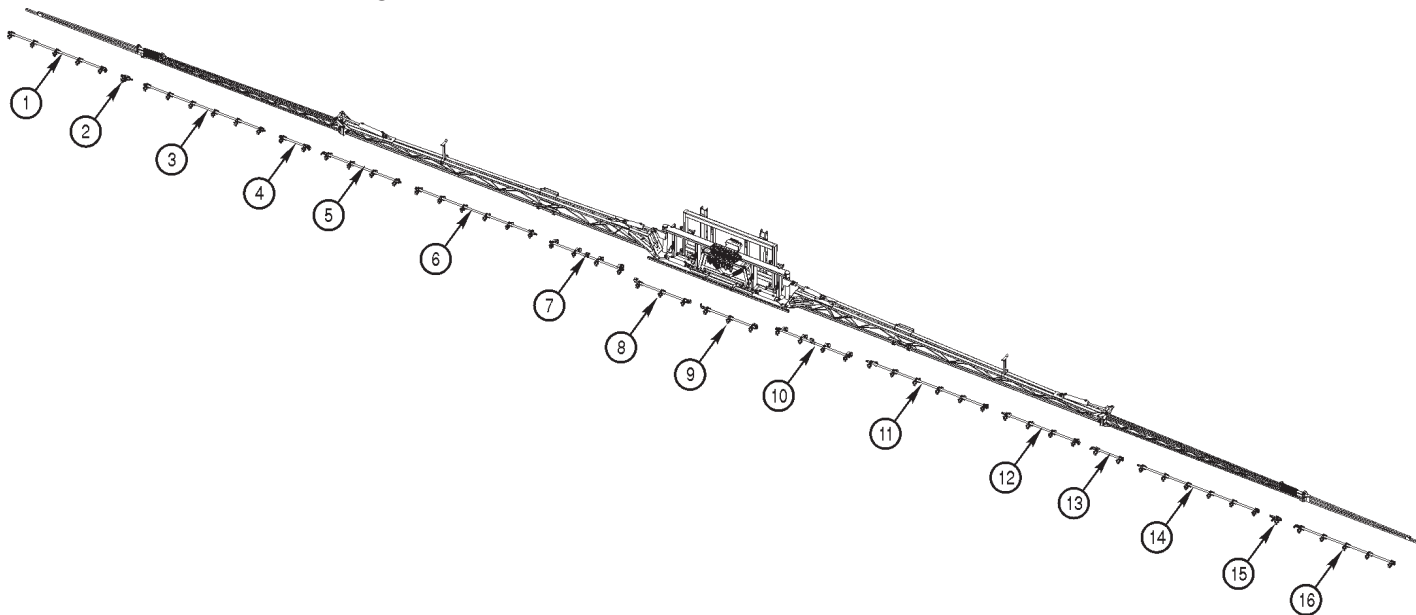


Item	Part Number	Qty	Description	Comments
1	690001764	1	Spray Bar, Brkwy 20 RS 60 LNG LH	Does not include nozzle body brackets and nozzle bodies
2	690001762	1	Spray Bar, Inter 20 RS 80 LNG	Does not include nozzle body brackets and nozzle bodies
3	690001760	1	Spray Bar, Brkwy 20 RS 40 LNG LH	Does not include nozzle body brackets and nozzle bodies
4	690001231	1	Spray Bar, Inner 20 RS 40 LNG LH	Does not include nozzle body brackets and nozzle bodies
5	690001223	1	Spray Bar, Inner /Int 20 RS 100 LH	Does not include nozzle body brackets and nozzle bodies
6	690001757	1	Spray Bar, Inner 20 RS 40 LNG LH	Does not include nozzle body brackets and nozzle bodies
7	690001228	1	Spray Bar, Center 20 RS 40 LNG	Does not include nozzle body brackets and nozzle bodies
8	690001229	1	Spray Bar, Center 20 RS 40 LNG	Does not include nozzle body brackets and nozzle bodies
9	690001755	1	Spray Bar, Inner 20 RS 40 LNG RH	Does not include nozzle body brackets and nozzle bodies
10	690001222	1	Spray Bar, Inner /Int 20 RS 100 RH	Does not include nozzle body brackets and nozzle bodies
11	690001230	1	Spray Bar, Inner 20 RS 40 LNG RH	Does not include nozzle body brackets and nozzle bodies
12	690001759	1	Spray Bar, Brkwy 20 RS 40 LNG RH	Does not include nozzle body brackets and nozzle bodies
13	690001761	1	Spray Bar, Inter 20 RS 80 LNG	Does not include nozzle body brackets and nozzle bodies
14	690001763	1	Spray Bar, Brkwy 20 RS 60 LNG RH	Does not include nozzle body brackets and nozzle bodies
	690001826	1	Boom Plumbing, Assy 90 20 RS 10 Sec.	Includes 1 each of Items 1 - 14
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

Boom Plumbing (cont.)

10 Section Valve Block (cont.)

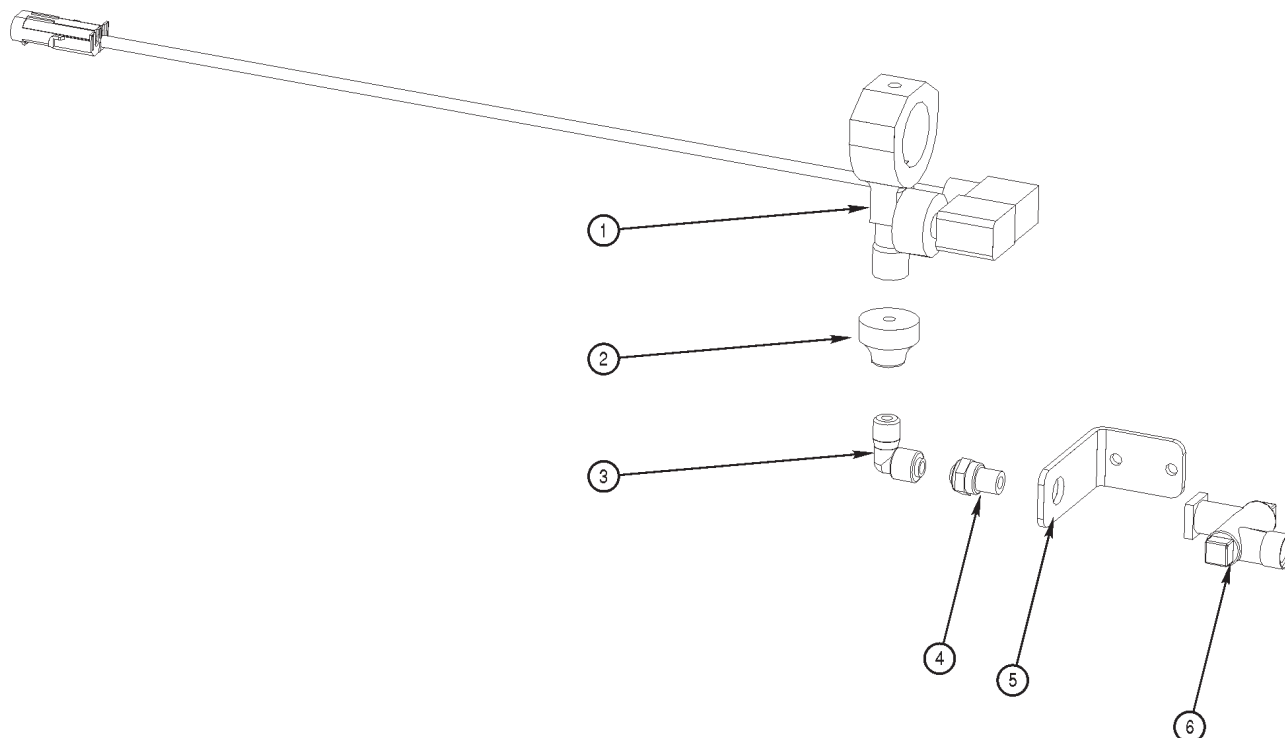
100' Boom (nozzle spacing 20" on center)



Item	Part Number	Qty	Description	Comments
1	690001185	1	Spray Bar, Brkwy 20 RS 80 LNG LH	Does not include nozzle body brackets and nozzle bodies
2	690001215	1	Spray Bar, Inter 20 RS 1 Nozzle LH	Does not include nozzle body brackets and nozzle bodies
3	690001223	1	Spray Bar, Inner/Int 20 RS 100 LH	Does not include nozzle body brackets and nozzle bodies
4	690001227	1	Spray Bar, Int 20 RS 20 LNG LH	Does not include nozzle body brackets and nozzle bodies
5	690001225	1	Spray Bar, Inner 20 RS 60 LNG LH	Does not include nozzle body brackets and nozzle bodies
6	690001223	1	Spray Bar, Inner/Int 20 RS 100 LH	Does not include nozzle body brackets and nozzle bodies
7	690001177	1	Spray Bar, Inner 20 RS 60 LNG LH	Does not include nozzle body brackets and nozzle bodies
8	690001228	1	Spray Bar, Center 20 RS 40 LNG	Does not include nozzle body brackets and nozzle bodies
9	690001229	1	Spray Bar, Center 20 RS 40 LNG	Does not include nozzle body brackets and nozzle bodies
10	690001176	1	Spray Bar, Inner 20 RS 60 LNG RH	Does not include nozzle body brackets and nozzle bodies
11	690001222	1	Spray Bar, Inner/Int 20 RS 100 RH	Does not include nozzle body brackets and nozzle bodies
12	690001224	1	Spray Bar, Inner 20 RS 60 LNG RH	Does not include nozzle body brackets and nozzle bodies
13	690001226	1	Spray Bar, Int 20 RS 20 LNG RH	Does not include nozzle body brackets and nozzle bodies
14	690001222	1	Spray Bar, Inner/Int 20 RS 100 RH	Does not include nozzle body brackets and nozzle bodies
15	690001214	1	Spray Bar, Inter 20 RS 1 Nozzle RH	Does not include nozzle body brackets and nozzle bodies
16	690001184	1	Spray Bar, Brkwy 20 RS 80 LNG RH	Does not include nozzle body brackets and nozzle bodies
	690001825	1	Boom Plumbing, Assy 100 20RS 10 Sec	Includes 1 each of Items 1 - 16
	RM800860		1" Black Poly Pipe	
	640000420		1" Hose Barb	
	640000520		1" Hose Barb 90	
	640010200		1" Coupling	
	640001020		1" Tee	
	640000100		1" Cap	
	640100133		1" Hose Barb Female	

Boom Plumbing (cont.)

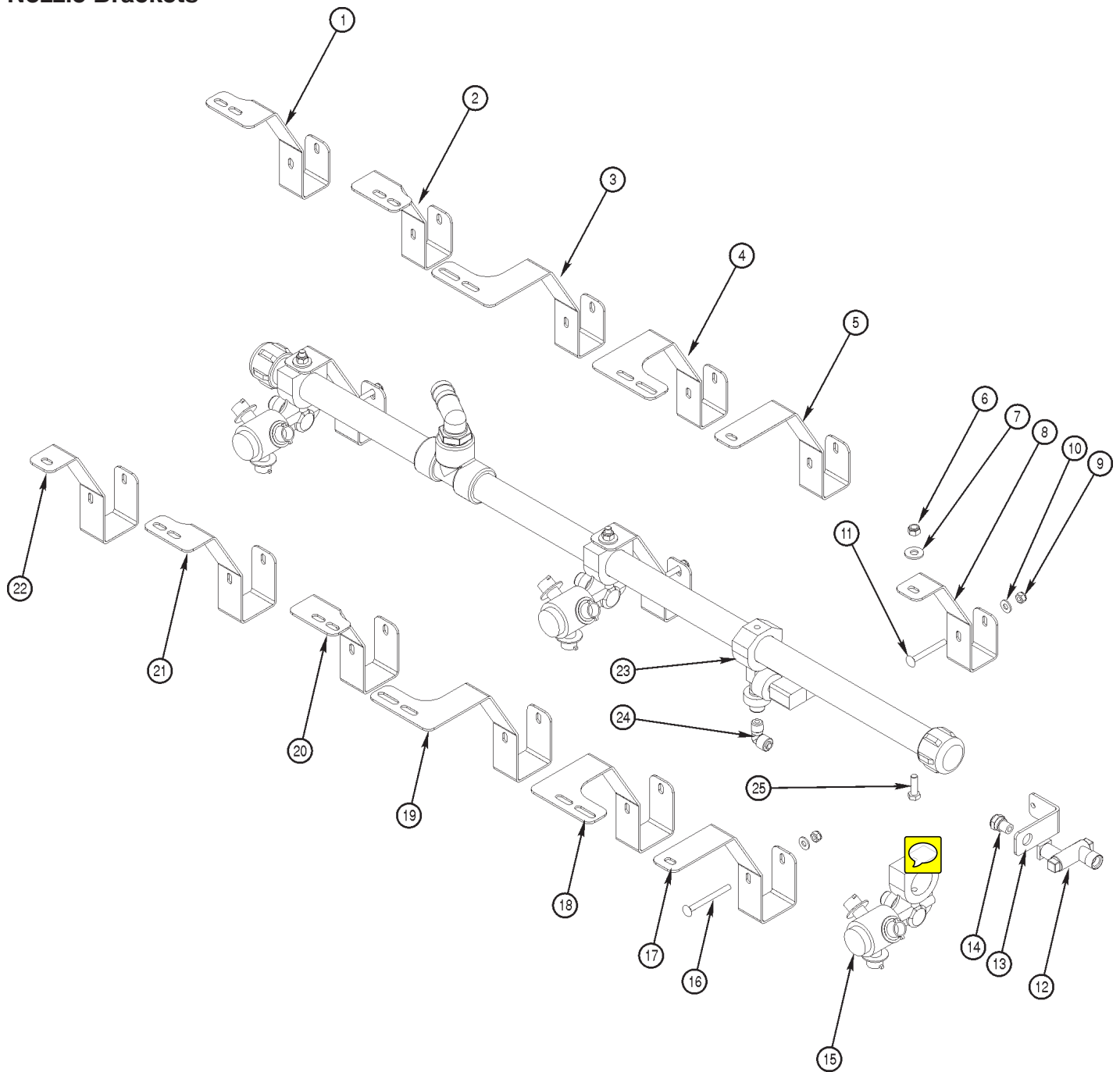
Fencerow Nozzle



Item	Part Number	Qty	Description	Comments
1	610000160	1	Valve, Fence Row Nozzle/Shut Off	Includes connector cable
2	610000115	1	Tip, Nozzle Fence Row Valve	
3	640020000	1	Fitting, 1/4" Popfit 90 Deg	
4	640020002	1	Fitting, 1/4" MPT x 1/4" Compression	
5	690001538	1	Bracket, Fence Row Nozzle	
6	610000152	1	Nozzle, Fence Row	
	700000526	1	Harness, Fence Row 80' Boom	
	700000527	1	Harness, Fence Row 90' and 100' Boom	
	610000161		Valve, Fence Row Nozzle/Shut Off	Valve Only
	K65000171	A/R	Kit, Fence Row Nozzle 60/80' and 80'	Kit includes components for one boom end only; a second kit is required to equip both ends of the boom.
	K65000172	A/R	Kit, Fence Row Nozzle 60/90', 90' and 100'	Kit includes components for one boom end only; a second kit is required to equip both ends of the boom.
	RM800150	10'	Hose, Air Line NT 10004BK	Not shown

Boom Plumbing (cont.)

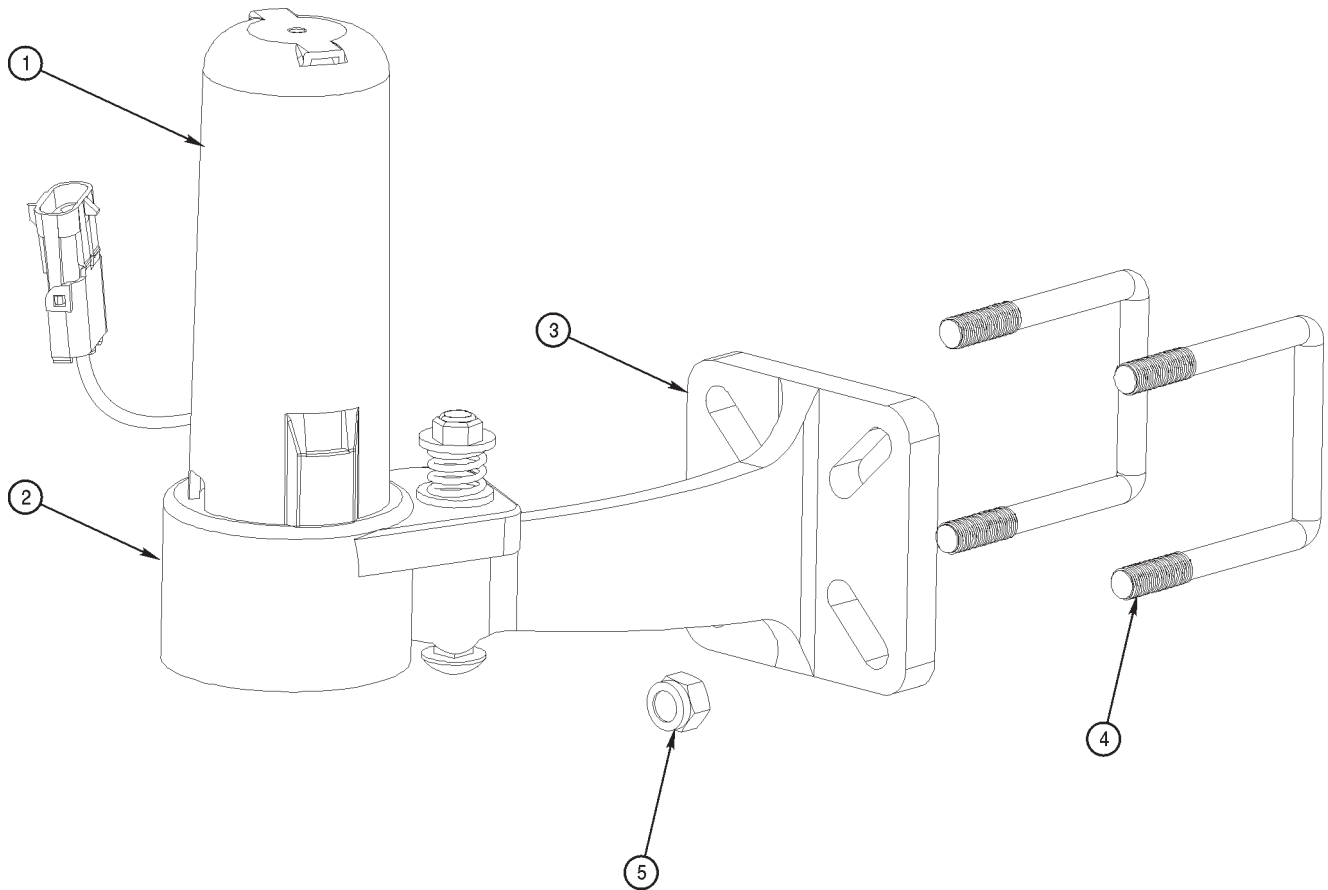
Nozzle Brackets



Item	Part Number	Qty	Description	Comments
1	600000175	A/R	Bracket, Nozzle Body Offset Left SS, 1.5" Tube	Used on Intermediate boom, rear spray bar and breakaways
2	600000176	A/R	Bracket, Nozzle Body Offset Right SS, 1.5" Tube	Used on Intermediate boom, rear spray bar and breakaways
3	600000177	A/R	Bracket, Nozzle Body Ext Offset Left SS, 1.5" Tube	Used on Intermediate boom, rear spray bar and breakaways
4	600000178	A/R	Bracket, Nozzle Body Ext Offset Right SS, 1.5" Tube	Used on Intermediate boom, rear spray bar and breakaways
5	600000179	A/R	Bracket, Nozzle Body Ext Straight SS, 1.5" Tube	Used on Intermediate boom, rear spray bar and breakaways
6	901003011	A/R	Nut, Nylock 5/16-18 SS	
7	902003041	A/R	Washer, Flat 5/16 SS	
8	600000174	A/R	Bracket, Nozzle Body Standard SS, 1.5" Tube	Used on Intermediate boom, rear spray bar and breakaways
9	901003001	A/R	Nut, Nylock 1/4-20 SS	
10	902003030	A/R	Washer, Flat 1/4 SS	
11	900031812	A/R	Bolt, Carriage 1/4-20 x 2 1/4" SS	
12	610000152	1	Nozzle, Fence Row	
13	690001538	1	Bracket, Fence Row Nozzle	
14	640020002	1	Fitting, 1/4" MPT x 1/4" Compression	
15	610000151	A/R	Nozzle Body, Triple Outlet	
16	900031811	A/R	Bolt, Carriage 1/4-20 x 2 3/4" SS	
17	600000171	A/R	Bracket, Nozzle Body Ext Straight SS, 2" Tube	Used on Inner Booms with 2" bottom tube
18	600000170	A/R	Bracket, Nozzle Body Ext Offset Right SS, 2" Tube	Used on Inner Booms with 2" bottom tube
19	600000169	A/R	Bracket, Nozzle Body Ext Offset Left SS, 2" Tube	Used on Inner Booms with 2" bottom tube
20	600000168	A/R	Bracket, Nozzle Body Offset Right SS, 2" Tube	Used on Inner Booms with 2" bottom tube
21	600000167	A/R	Bracket, Nozzle Body Offset Left SS, 2" Tube	Used on Inner Booms with 2" bottom tube
22	600000166	A/R	Bracket, Nozzle Body Standard SS, 2" Tube	Used on Inner Booms with 2" bottom tube
23	610000160	1	Fence Row, Nozzle/Shutoff Valve	
24	640020000	1	Fitting, 1/4" Popfit 90 Deg	
25	900002611	A/R	Bolt, HHCS 5/16-18 x 1" SS	
	700000526	1	Harness, Fence Row 80' Boom	
	700000527	1	Harness, Fence Row 90' and 100' Boom	
	K65000171	A/R	Kit, Fence Row Nozzle 60/80' and 80'	Kit includes components for one boom end only; a second kit is required to equip both ends of the boom.
	K65000172	A/R	Kit, Fence Row Nozzle 60/90', 90' and 100'	Kit includes components for one boom end only; a second kit is required to equip both ends of the boom.

AutoBoom

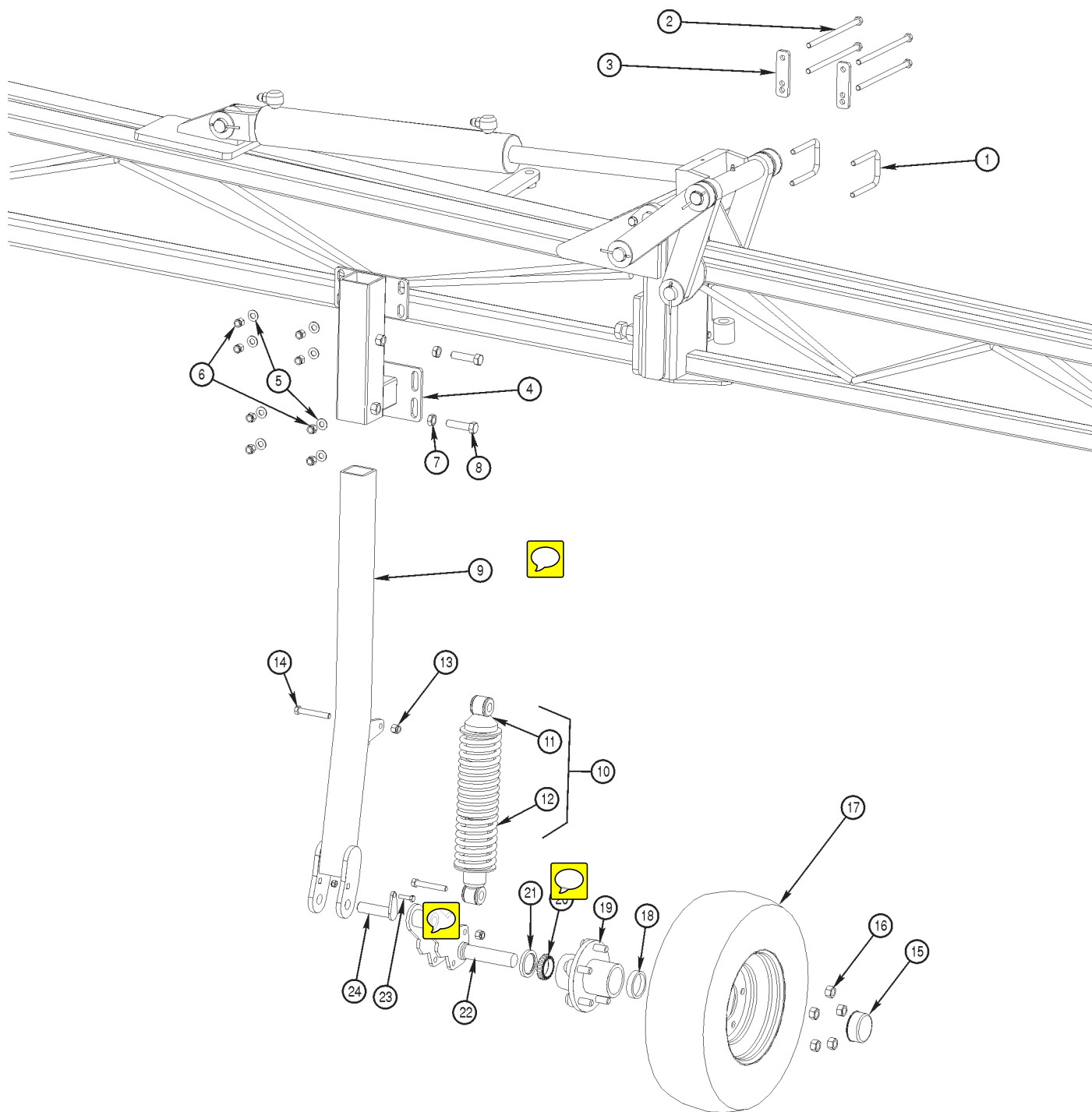
Eye Assembly



Item	Part Number	Qty	Description	Comments
1	611000211	1	Housing, Upper	
2	611000210	1	Housing, Lower	
3	611000212	1	Arm, Mounting	
4A	690000020	4	U-bolt, 3/8-16 x 1 1/2" x 2 1/2	Used to mount both wing eyes
4B	690000021	2	U-bolt, 3/8-16 x 2" x 3	Used to mount center eye
5	901003020	12	Nut, Nylock 3/8-16	
	690000019	2	Clamp Plates	
	900106531	4	Bolt, 3/8-16 x 8"	Used to mount center rack eye
	611000080	1	Eye, Ultrasonic R/H	
	611000081	2	Eye, Ultrasonic L/H	Also used for Center Eye
	700000530	2	Harness, 45' Ext Ultrasonic Eye	Used on all boom lengths
	700000519	2	Harness, Jumper 100 ft boom	Required for 100 ft booms
	700000556	2	Cable, 30' Ultrasonic Sensor	Used for 5 sensor eye kit.
	K65000258		Kit, Ultra Glide AutoBoom 3-Eye	
	611000199		Ultrasonic Sensor	Sensor Only
	K65000259		Kit, Ultra Glide AutoBoom with Wheels	
	K65000265		Kit, Stand Alone Ultra Glide	Trimble
	K65000266		Kit, Stand Alone Ultra Glide with Wheels	Trimble
	792000000	1	Bracket, Ultrasonic Sensor Pommier Boom Upper	Pommier equipped
	792000001	1	Bracket, Ultrasonic Sensor Pommier Boom Lower	Pommier equipped

AutoBoom (cont.)

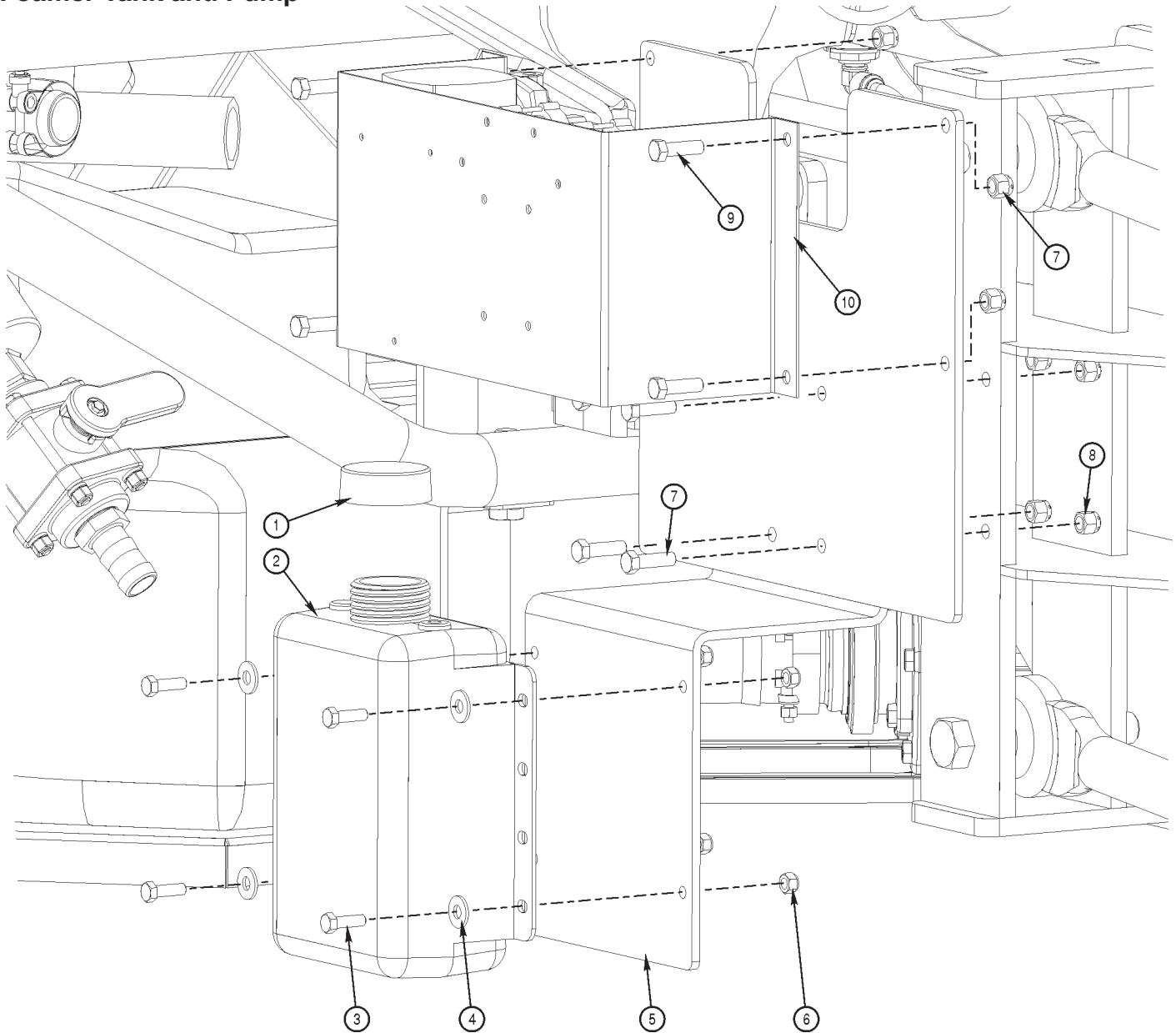
Wheel Assembly



Item	Part Number	Qty	Description	Comments
1	690000021	4	U-Bolt, 3/8-16 x 2" W x 3" L	
2	900106531	8	Bolt, HHCS 3/8-16 x 8	
3	690000019	4	Clamp Plate, AutoBoom wheel bracket	
4	690000018	2	Bracket, AutoBoom Wheel	
5	902003045	16	Washer, Flat 3/8" ZP	
6	901003020	16	Nut, Nylock 3/8" ZP	
7	901000541	4	Nut, Jam 1/2-13	
8	900003245	4	Bolt, HHCS 1/2-13 x 1 1/2" G5 ZP	
9	661000207	1	Support Leg, AutoBoom Wheel	Support Leg Only
9A	611000161	1	Suspension Strut Kit, LH	Includes Items #9 to #24, except #17.
9B	611000162	1	Suspension Strut Kit, RH	Includes Items #9 to #24, except #17.
10	K65000188	1	Assembly, Shock	Includes shock and spring
11	611000206	1	Shock, AutoBoom	Shock Only
12	611000205	1	Spring, AutoBoom	Spring Only
13	901100741	2	Nut, Nylock M10	
14	900100002	2	Bolt, M10 x 1.50 x 60 mm	
15	740000061	1	Cap, Hub AutoBoom Wheel	
16	900100041	5	Nut, 1/2-20 Lug AutoBoom Wheel	
17A	611000169	1	Rim and Tire Assembly, Run Flat	
17B	611000150		Rim and Tire Assembly, Treaded	
18	611000159		Bearing, Wheel Hub	
19	611000168	1	Hub Assembly, AutoBoom Wheel	Seal P/N 611000160
20	611000209	1	Needle Bearing, Pivot	
21	611000160	1	Seal	
22	611000166	1	Pivot, AutoBoom Wheel	
23	900002610	1	Bolt, HHCS 5/16-18 x 1" G5 ZP	
24	611000165	1	Pin, Flag AutoBoom Wheel	
	K65000231	1	Kit, AutoBoom PowerGlide	
	792000003	1	Pommier PG Plus AutoBoom Mount	Pommier Equipped

Foam Marker Equipment

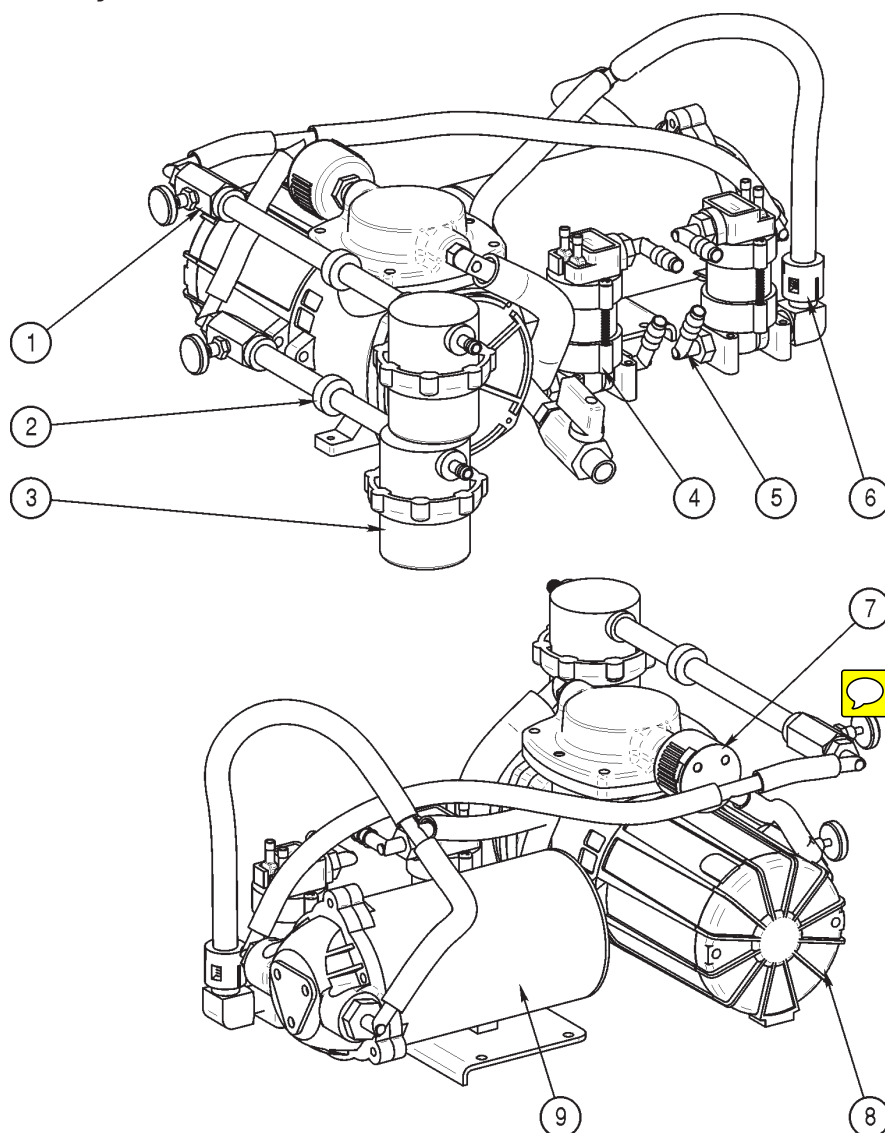
Foamer Tank and Pump



Item	Part Number	Qty	Description	Comments
1	540000516	1	Lid, Foamer Tank	
2	540000507	1	Tank, Foamer	
3	900002395	4	Bolt, HHCS 1/4-20 x 3/4 G5 ZP	
4	902003035	4	Washer, Flat 1/4-20 ZP	
5	690001552	1	Bracket, Foam Marker	
6	901003000	4	Nut, Nylock 1/4-20 ZP	
7	900002835	4	Bolt, HHCS 3/8-16 x 1 1/2 G5 ZP	
8	901003020	8	Nut, Nylock 3/8-16 ZP	
9	900002815	4	Bolt, HHCS 3/8-16 x 1 G5 ZP	
10	540000500	1	Foam Marker, Smucker Landmark	Foamer Assembly with 2 Foam drops and Foamer Tank
	K65000197	A/R	Kit, Foam Marker Combo Boom	
	K65000198	A/R	Kit, Foam Marker Straight Boom	

Foam Marker Equipment (cont.)

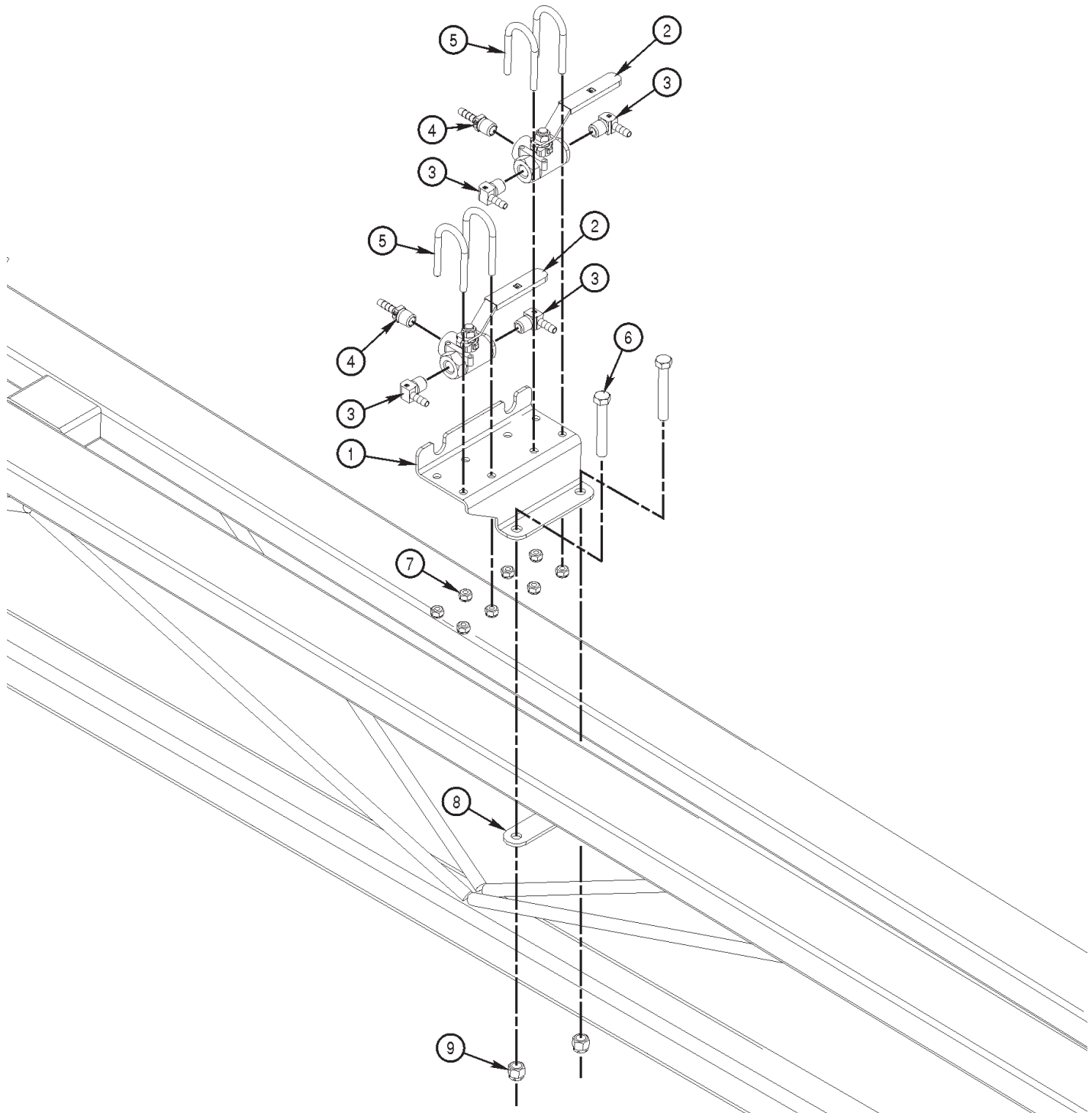
Foamer Pump and Compressor Assembly



Item	Part Number	Qty	Description	Comments
1	540000527	2	Brass Needle Valve	
2A	540000088	2	Check Valve, Foamer	
2B	540000529	2	Check Valve, Foamer	New Style: White in Color, Approximately 1" long, Installed on newer foam markers.
3	540000061	2	Strainer, RVM Threaded	1/4" Hose Barb Ends P/N 540000530
4	540000079	2	Valve, Foam Marker	
5	540000526	5	Fitting, 1/4" PM x 1/4" HB 90	
6	540000512	1	Valve, Check 1/2" Thread Smucker	
7	540000005	1	Breather, Foamer Compressor	
8	540000506	1	Compressor, Air Foam Smucker	
9	540000510	1	Pump, Water Smucker	
	540000509	1	Housing, aluminum Smucker	Not shown
	540000501	A/R	Split Boom Kit, Smucker Parts Only	Kit includes two foam drop and chamber assemblies
	540000513	A/R	Harness, Foam Marker Smucker	Not shown
	K65000197	A/R	Foam Marker Kit, Combo Boom	Field ready, complete with hardware
	K65000198	A/R	Foam Marker Kit, Straight Boom	Field ready, complete with hardware
	540000500	1	Foam Marker, Smucker Landmark	Foamer assembly with two foam drops

Foam Marker Equipment (cont.)

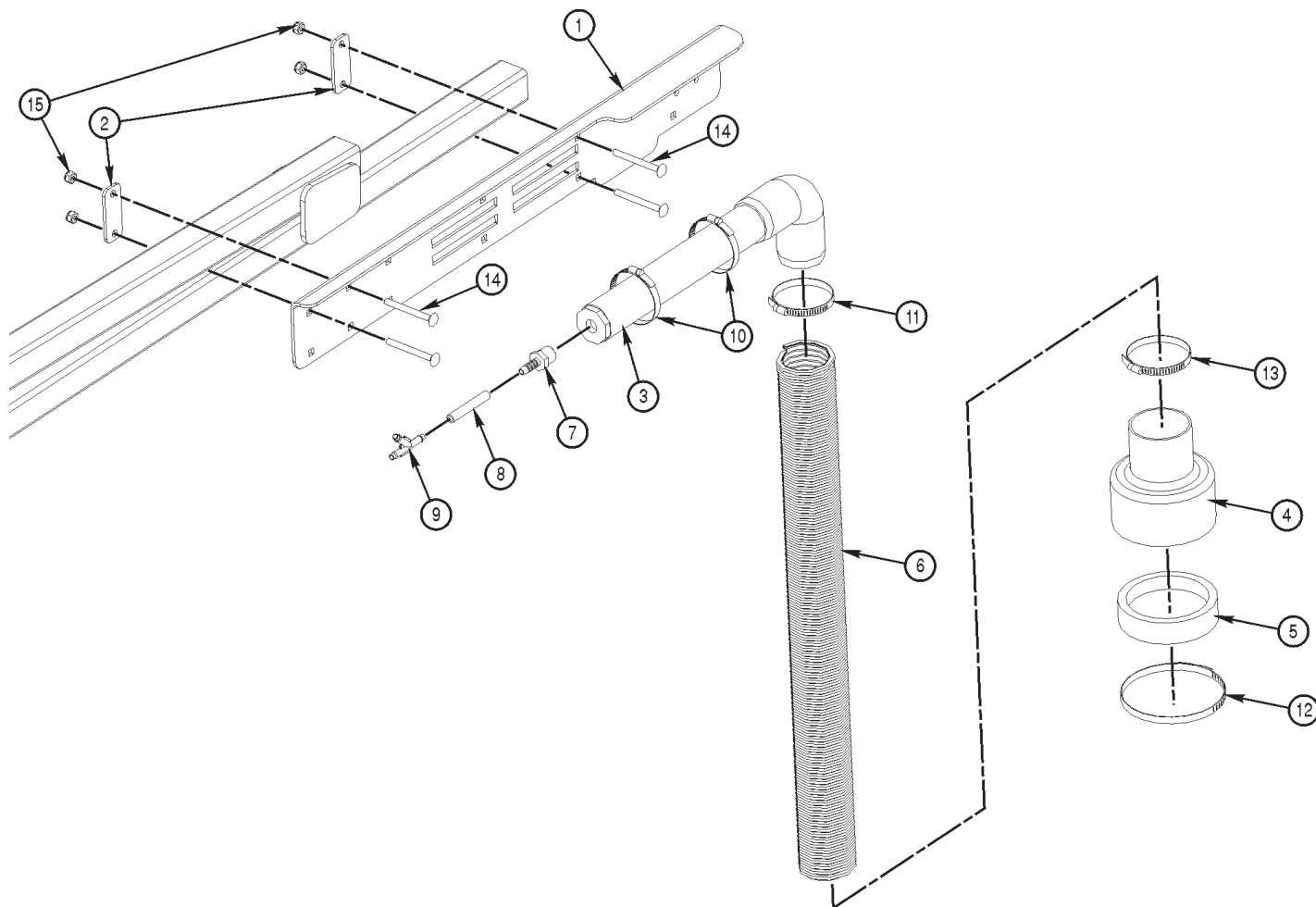
Foam Splitter



Item	Part Number	Qty	Description	Comments
1	690001546	1	Bracket, Foam Splitter Valve	
2	800401864	2	Valve, 3 Way Foam Marker Split 1/4, 1/4, 1/4	
3	800401863	4	Fitting, 1/4 Pipe 90 1/4 HB	
4	800000025	2	Barb, Hose 1/4 x 1/4 P 125HBL-4-4	
5	915002564	4	U-Bolt 1/4-20 x 1 3/8" Dia	
6	900002855	2	Bolt, HHCS 3/8-16 x 2 1/2 G5 ZP	
7	901003000	8	Nut, Nylock 1/4-20 ZP	
8	600000173	1	Bracket, Clamp Plate 2 Section Valve	
9	901003020	2	Nut, Nylock 3/8-16 ZP	

Foam Marker Equipment (cont.)

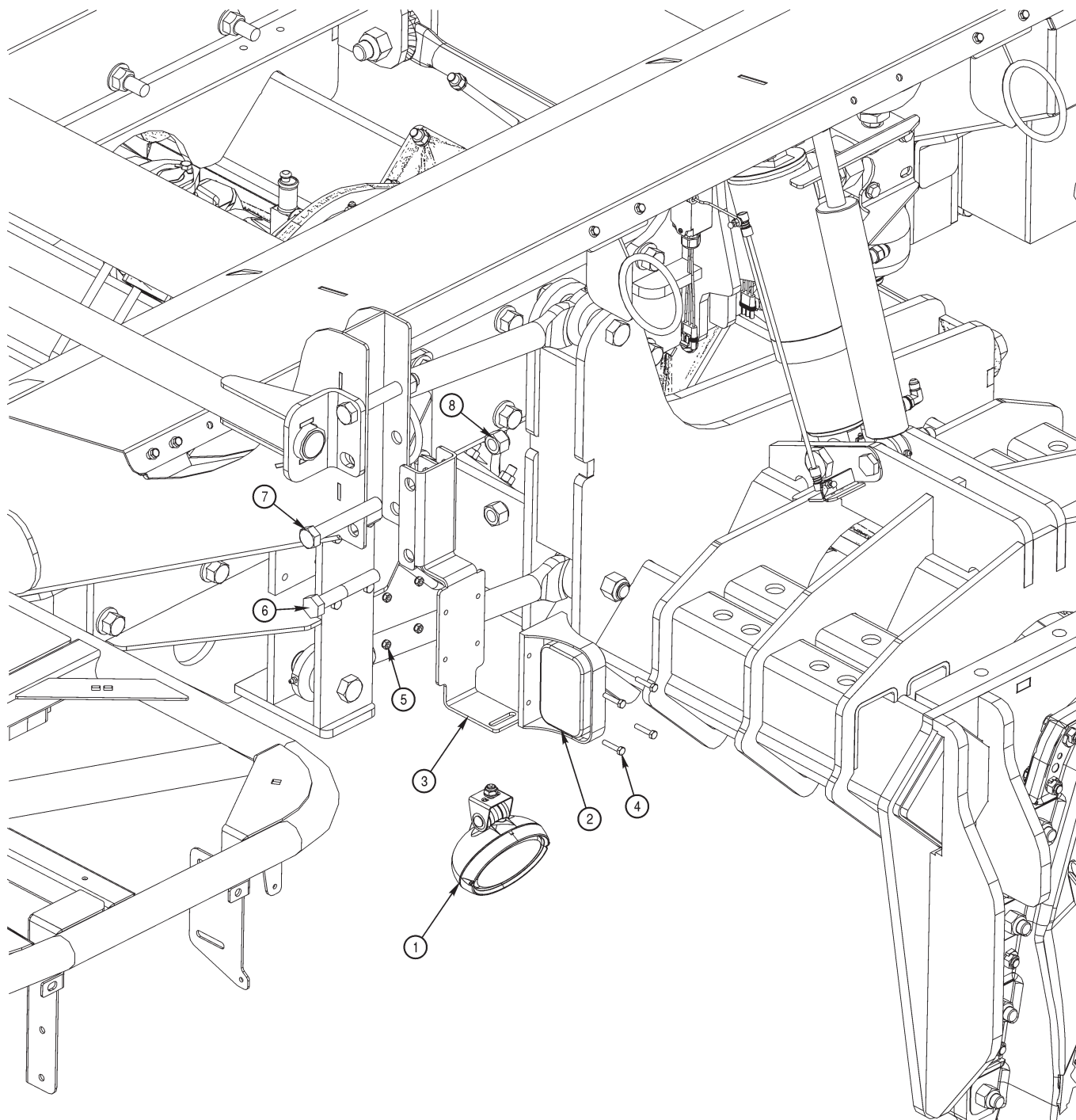
Foam Drop Tube



Item	Part Number	Qty	Description	Comments
1A	690001540	1	Bracket, Foam Drop R/H	
1B	690001541	1	Bracket, Foam Drop L/H	
2	690001542	2	Plate, Clamp 1.5"	
3	540000503	1	Foam Chamber	Less Nozzle and Boot
4	540000514	1	Boot, Foam Drop	
5	540000505	1	Screen and Ring in foam boot	
6	540000515	1	Hose, Drop Tube	
7	540000518	1	Fitting, 3/8 OM x 1/4 HB	
8	540000519	1	Hose, 1/4 Clear Vinyl 3" Long	
9	540000517	1	Hose Barb Y 1/4 x 1/4 x 1/4	
10	915001302	2	Clamp, Screw # 24	
11	915001303	1	Clamp, Screw # 32	
12	915001305	1	Clamp, Screw # 064	
13	915001304	1	Clamp, Screw # 40	
14	900106521	4	Bolt, Carriage 1/4-20 x 2 1/2	
15	901003000	4	Nut, Nylock 1/4-20 ZP	
	K65000197	A/R	Kit, Foam Marker Combo Boom	
	K65000198	A/R	Kit, Foam Marker Straight Boom	
	540000504	A/R	Foam Drop Assembly	Includes items 3 - 13
	540000525	A/R	Sock in foam boot	
	RM800160	A/R	Hose, 1/4" Black Vinyl	Foamer Hose
	640100138	A/R	Hose Mender 1/4"	Not shown

Pommier Boom

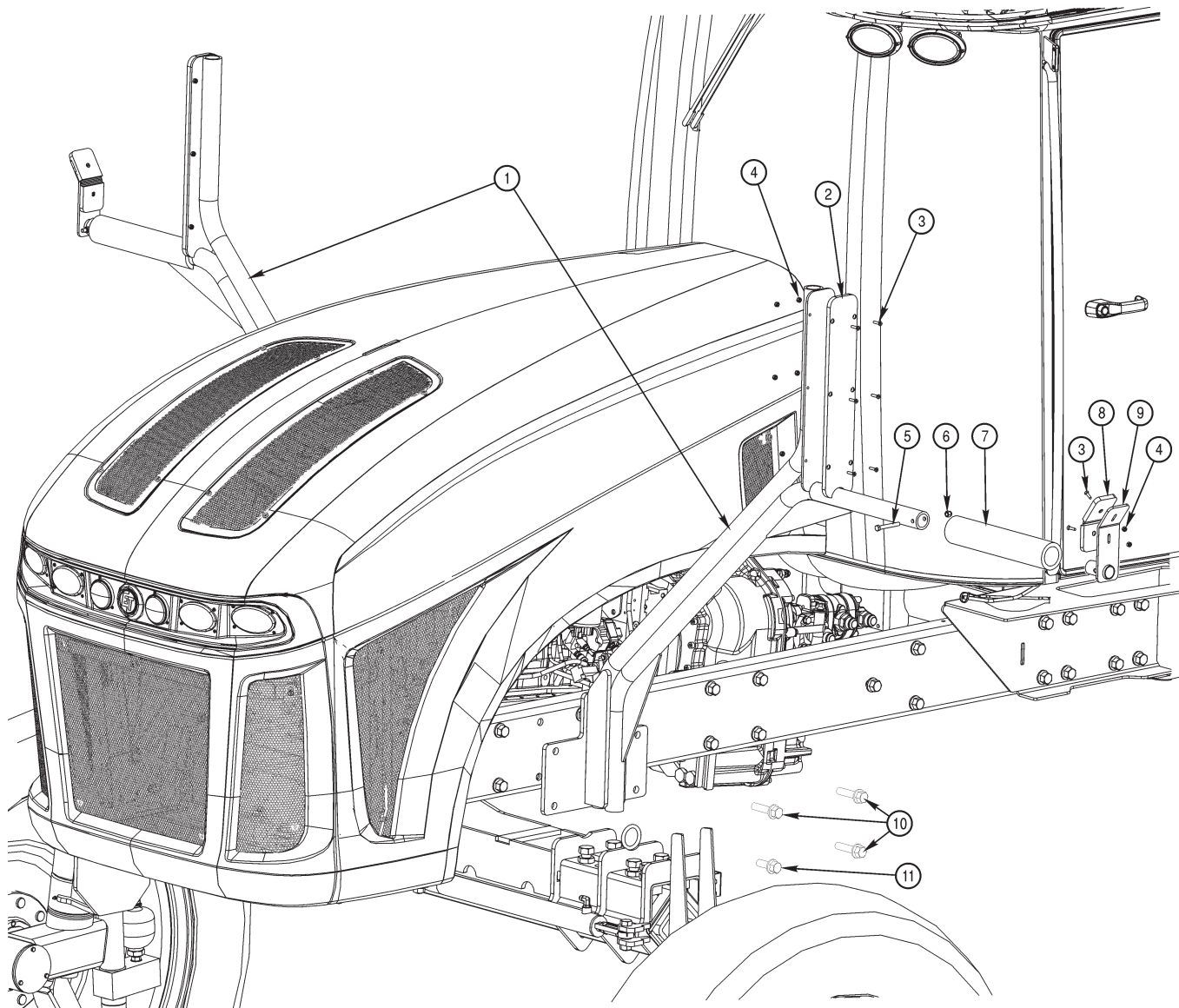
Light Mounting



Item	Part Number	Qty	Description	Comments
1	400200098	2	Work Lamp Oval	
2	710000010	2	LED Amber/Amber PED Mount Marker	
3	601000072	2	Bracket Light Mount Pommier 2011	
4	900002406	8	Bolt, HHCS 1/4-20 x 1 1/4" G5	
5	901003000	8	Nut, Nylock 1/4-20 ZP	
6	900006665	2	Bolt, HHCS 3/4-16 x 4 1/2 G5 ZP	
7	900006675	2	Bolt, HHCS 3/4-16 x 5 G5 ZP	
8	901003075	4	Nut, Nylock 3/4-16 ZP	

Pommier Boom (cont.)

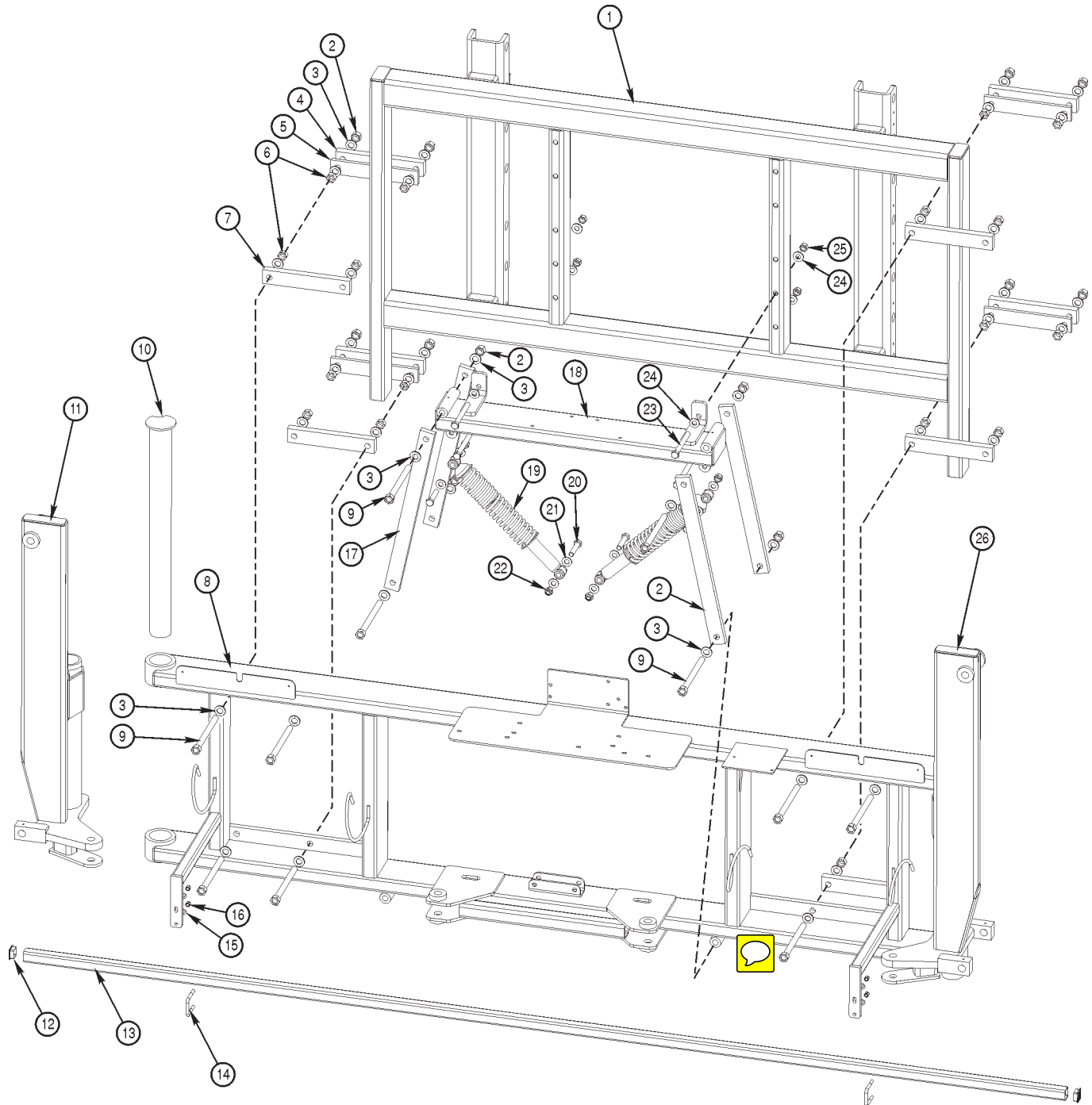
Boom Supports



Item	Part Number	Qty	Description	Comments
1	601000083	2	Pommier Boom Support	
2	601000077	2	UMHW Pad Boom Support, Pommier 2011	
3	900000019	16	Screw, 1/4-20 x 1" Phillips Flat Head	
4	901003000	16	Nut, Nylock 1/4-20 ZP	
5	900002870	2	Bolt, HHCS 3/8-16 x 3 1/4 G5 ZP	
6	901003020	2	Nut, Nylock 3/8-16 ZP	
7	601000073	2	UHMW Cylinder Boom Support, Pommier 2011	
8	601000078	2	UHMW Pad Boom Arrestor, Pommier 2011	
9	601000074	2	Boom Arrestor, Pommier 2011	
10	100100010	6	Bolt, 3/4-10 x 3 1/2" G8 Salt Bath	
11	100100008	2	Bolt, 3/4-10 x 3" G8 Salt Bath	

Pommier Boom (cont.)

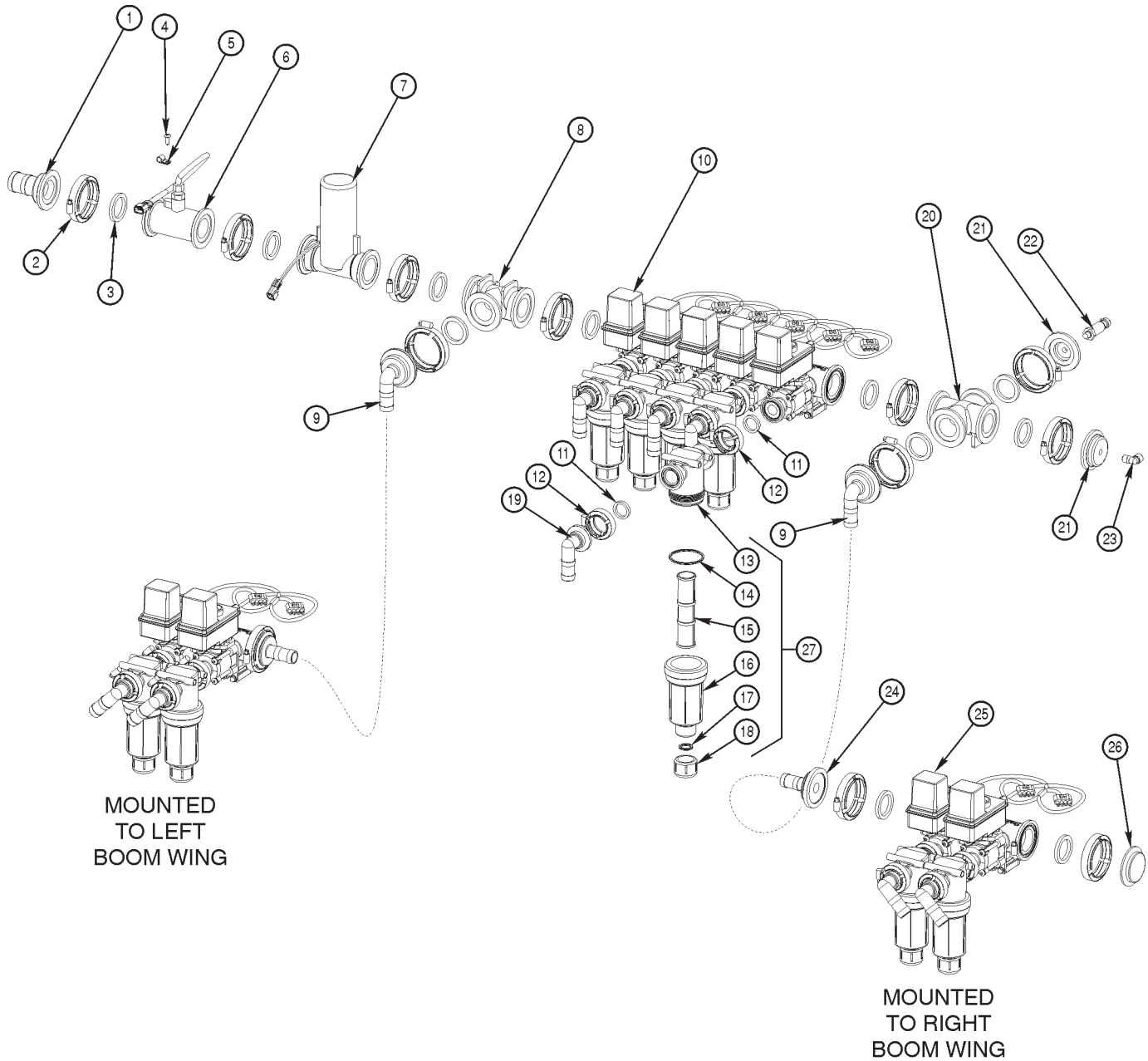
Boom Suspension and Hydraulics



Item	Part Number	Qty	Description	Comments
1	601000079	1	Back Rack, Pommier Boom	
2	901003074	8	Nut, Nylock 3/4-10 ZP	
3	902003001	40	Washer, Flat 3/4 SAE	
4	600901030	4	Mount Plate, Steel 1" Thick	
5	600901031	4	Pad Nylon 1/2" Thick	
6	901000779	16	Nut, Hex 3/4-10 ZP	
7	600901020	4	Pad Nylon 1" Thick	
8	600901016	1	Frame, Rear Center Section	
9	930000011	12	Bolt, 3/4-10 x 9" Long G5	
10	600901010	2	Pin, Boom Pivot	
11	631000002	1	Pommier Pivot Boom LH	
12	936000000	2	Plug 1.5" x 1.5"	
13	601000082	1	Bar Spray Boom Pommier	
14	600901007	2	U-Bolt, Rear Spray Bar	
15	902003200	4	Washer, Flat 3/8 ZP	
16	901003020	4	Nut, Nylock 3/8-16 ZP	
17	600901122	4	Link, Back Rack Four Bar	
18	600901019	1	Pivot, Back Rack Leveling	
19	600901251	2	Shock, Boom Center Section	
20	900004011	4	Bolt, HHCS 9/16-12 x 3.00 G5	
21	902201126	4	Washer, Flat 9/16 ZP	
22	901000003	4	Nut, Nylock 9/16-12	
23	900003755	4	Bolt HHCS 5/8-11 x 6 G5 ZP	
24	902003220	8	Washer Flat 5/8 G5 ZP	
25	901003060	4	Nut Nylock 5/8-11 ZP	
26	631000001	1	Pommier Pivot Boom RH	
	800200355	4	Cylinder Boom Pommier	Not shown.
	824000000	4	Fitting, 6FLF x 8FLF 90	Not shown.

Pommier Boom (cont.)

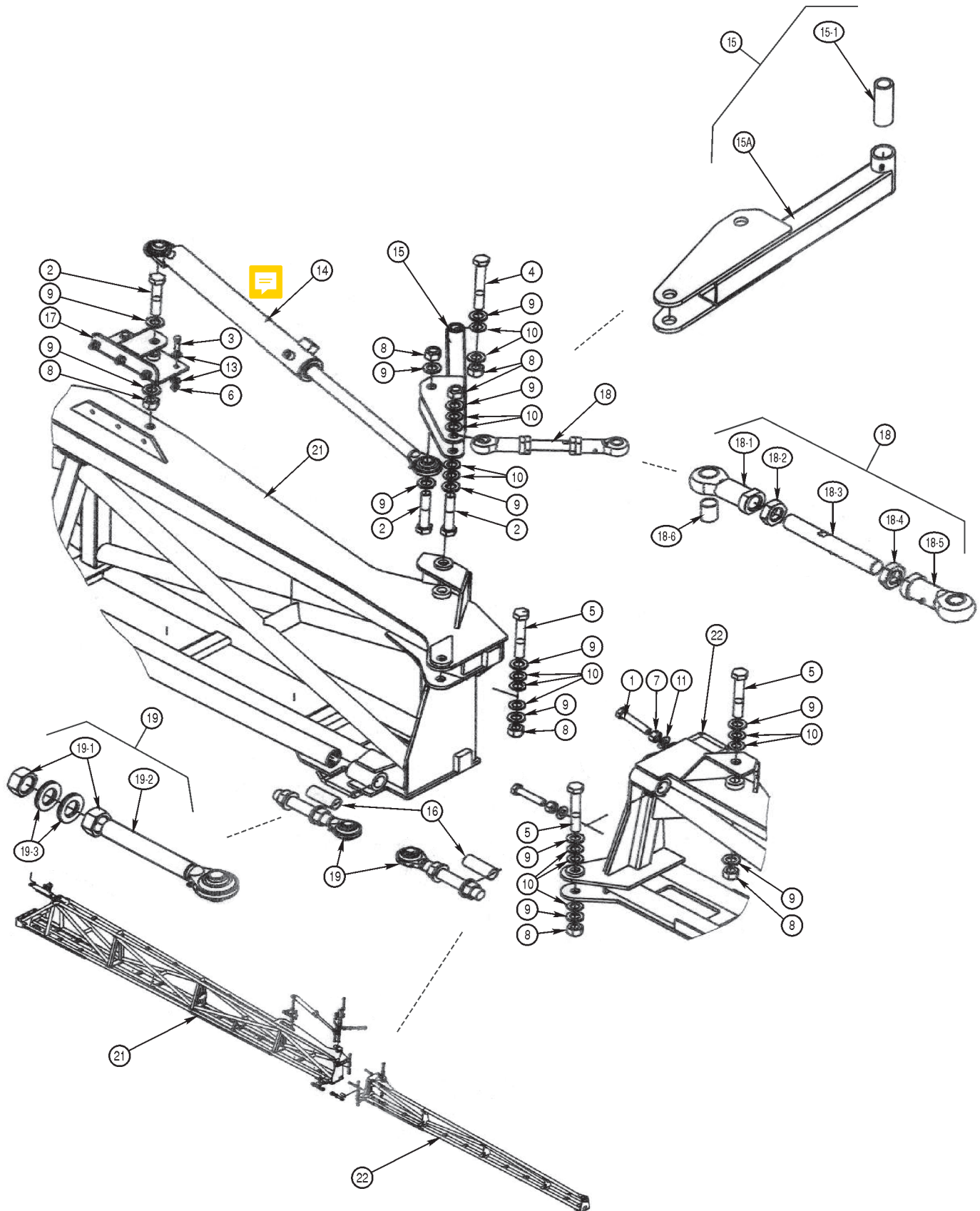
9-Section Pommier Block



Item	Part Number	Qty	Description	Comments
1	640100018	1	Fitting, 2" Flange x 1 1/2 Hose Banjo	
2	640100013	13	Clamp, 2" Standard Port Banjo	
3	640100014	13	Gasket, 2" Standard Port Banjo	
4	930000000	1	Screw SMS 10 x 3/8"	
5	934000000	1	Clamp	
6	793000003	1	Flow Meter with Sensor Raven 60P	
7	793000001	1	Valve Control Butterfly	
8	640100006	1	Fitting Tee 2" STD Banjo	
9	640100089	2	Fitting 2" Std Port Flange x 1" Barb 90	
10A	660000020	1	Tee Jet 5 Bank Assembly w/out Flowback	
10B	661000000	A/R	Assembly, Teejet Boom Valve Single	
10C	660000907	A/R	Teejet, Boom Valve, Motor Only	
10D	661000001	A/R	Valve Tee Jet Single Valve No Motor	
11	640100016	18	Gasket, Clamp 1" Banjo	
12	640100015	18	Clamp 1" Banjo	
13	660000911	9	Strainer Head, Teejet Flanged 50-Series	
14	660000908	9	Gasket, 1" Teejet Strainer Top	
15	660000910	9	Strainer, 50 Mesh 1" Teejet	
16	660000912	9	Strainer Bowl, Teejet 1" NPT	
17	660000909	9	Gasket, 1" Teejet Strainer Bottom	
18	660000913	9	Strainer Cap, Teejet	
19	640100023	9	Fitting, 1 Barb x 1 Flange 90 Banjo	
20	640100035	1	Fitting Cross 2" Banjo	
21	640100038	2	Plug access 2" x 1/4 NPT Banjo	
22	793000000	1	Transducer Press Sealed 0-250 PSI	
23	640020000	1	Fitting 1/4" Popit 90 Degree	
24	640100021	2	Fitting 1" Barb x 2" Flange Banjo	
25	661000000	4	Assembly, Teejet Boom Valve Single	
26	640100037	2	Plug 2" Banjo	
27	660000901	9	Assembly, Tee Jet Strainer	Includes items 13, 14, 15, 16, 17 and 18.
	700000004	1	Connector, Flowmeter on Machine Side	Not shown
	660000925		O-ring, Viton (50 Series Teejet)	Used between boom valves. Not shown.
	660000927		O-ring, ID 13/16" OD 1", Viton	Used for roto-flush. Not shown.
	660000929		Retaining Clip - Teejet Valve	Used to attach motor head to ball valve. Not shown.

Pommier Boom (cont.)

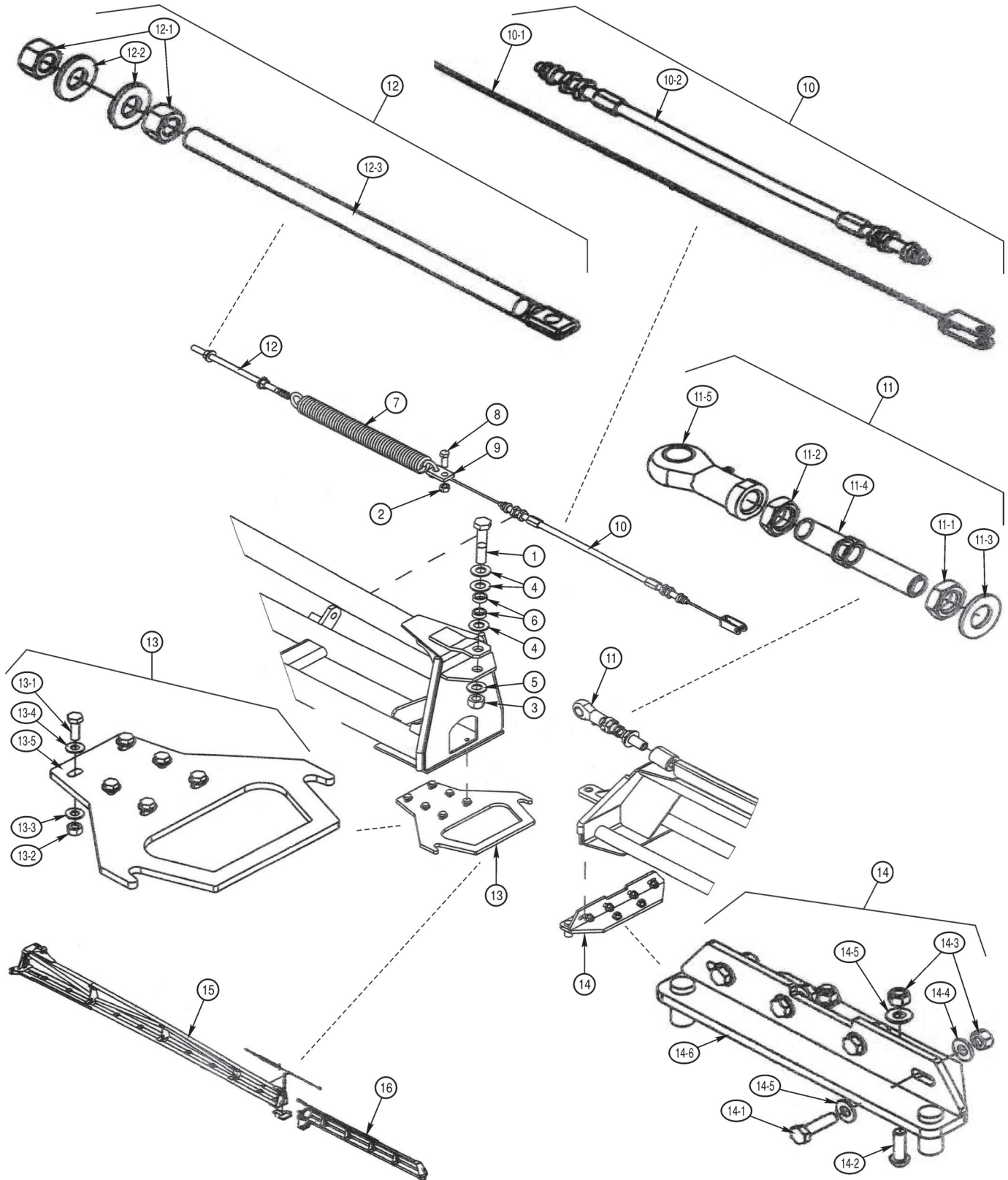
Inner and Intermediate Wing with Linkage



Item	Part Number	Qty	Description	Comments
1	930000018	4	Bolt 20 mm x 100 mm	
2	930000019	6	Bolt 1" x 5"	
3	930000020	10	Bolt 12 mm x 40 mm	
4	930000021	2	Bolt 1" x 7"	
5	930000022	6	Bolt 1" x 6"	
6	931000011	10	Nut Nylock 12 mm	
7	931000017	4	Nut 20 mm	
8	931000013	14	Nut Stover Lock 1"	
9	931000014	30	Washer NordLock 1"	
10	931000015	28	Flat Washer, 45 x 26 x 3	
11	931000020	4	Contact Washer, 20 mm	
12	931000016	16	Contact Washer, 16 mm	Not Shown
13	931000012	20	Contact Washer, 12 mm	
14A	850000200	1	Cylinder, Pommier Inner Boom Right Hand	
14B	850000201	1	Cylinder, Pommier Inner Boom Left Hand	Not Shown
15A	621000003	1	Bracket Right Hand Fold	
15B	621000001	1	Bracket Left Hand Fold	Not Shown
15-1	561000000	2	Bushing	
16	561000001	4	Bushing	
17A	621000001	1	Bracket Pommier Cylinder Right Hand	
17B	621000002	1	Bracket Pommier Cylinder Left Hand	Not Shown
18			Ball Joint Assembly	
18-1	937000000	2	Ball Joint End RH Thread	
18-2	931000021	2	Jam Nut 30 mm RH Thread	
18-3	621000005	2	Shaft RH/LH Thread	
18-4	931000022	2	Jam Nut 30 mm LH Thread	
18-5	937000001	2	Ball Joint End LH Thread	
18-6	561000002	4	Bushing	
19			Tie Rod Assembly	
19-1	931000018	8	Nut 34 mm	
19-2	937000002	4	Tie Rod 34 mm x 200	
19-3	931000019	8	Washer NordLock 34.5 mm	
20	870000000	2	Accumulator Kit	Not Shown
21A	621000003	1	Inner, Pommier Boom RH	15 nozzle section
21B	621000004	1	Inner, Pommier Boom LH	15 nozzle section, Not Shown
22A	622000000	1	Intermediate, Pommier Boom RH	11 nozzle section
22B	622000001	1	Intermediate, Pommier Boom LH	11 nozzle section, Not Shown

Pommier Boom (cont.)

Intermediate Wing and Breakaway with Linkage



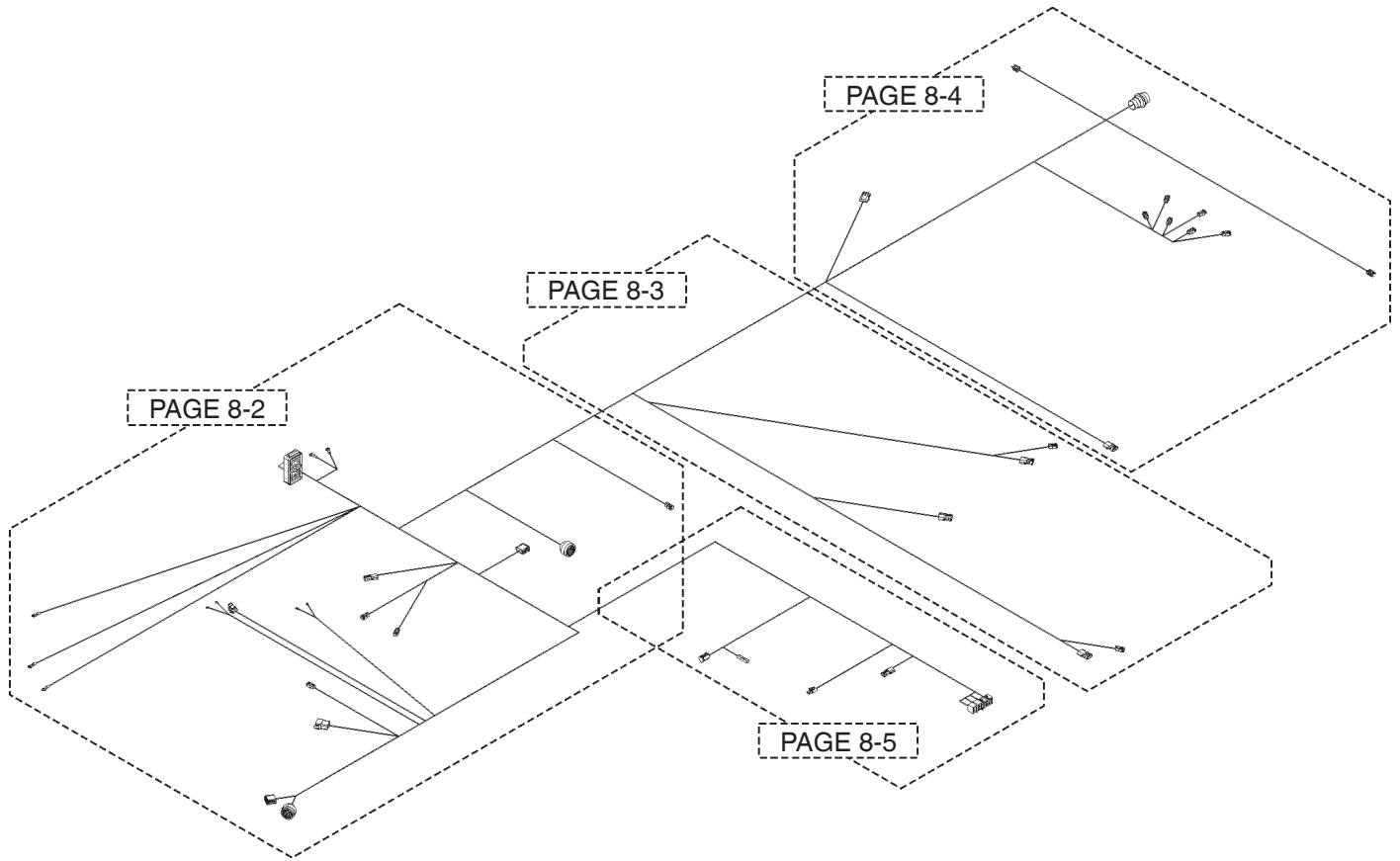
Item	Part Number	Qty	Description	Comments
1	930000018	2	Bolt 20 mm x 100 mm	
2	931000023	2	Nut 12 mm	
3	931000024	2	Locknut 20 mm	
4	931000025	6	Washer, Flat 20 mm	
5	931000020	2	Washer, Contact 20 mm	
6	931000033	4	Spacer	
7	622000006	2	Spring, Pommier Intermediate	
8	932000001	2	Pin, Cable Clevis	
9	622000002	2	Plate, Pommier Spring	
10			Security Cable Assembly	
10-1	622000003	2	Cable, Security Plain End	
10-2	622000007	2	Housing, Security Cable	
11			Rod Assembly	
11-1	931000026	2	Jam Nut 20 mm	
11-2	931000027	2	Jam Nut 20 mm LH Thread	
11-3	931000020	2	Washer, Contact 20 mm	
11-4	623000003	2	Shaft, RH/LH Thread	
11-5	937000003	2	Rod End LH Thread	
12			Eyebolt Assembly	
12-1	931000023	4	Nut 12 mm	
12-2	931000029	4	Washer, Flat 12 mm	
12-3	930000026	2	Eyebolt	
13			Plate Assembly	
13-1	930000023	12	Bolt 8 mm x 25 mm	
13-2	931000030	12	Locknut 8 mm	
13-3	931000031	12	Washer, Flat 8 mm	
13-4	931000032	12	Washer, Contact 8 mm	
13-5	622000005	2	Plate	
14			Angle Plate Assembly	
14-1	930000024	8	Bolt 8 mm x 30 mm	
14-2	930000025	4	Bolt, Allen Head 8 mm x 25 mm	
14-3	931000030	12	Locknut 8 mm	
14-4	931000031	8	Washer, Flat 8 mm	
14-5	931000032	12	Washer, Contact 8 mm	
14-6	623000002	2	Plate, Angle with Pins	
15	622000000	1	Intermediate Pommier Boom RH	
16A	623000000	1	Breakaway, Pommier Boom RH	
16B	623000001	1	Breakaway, Pommier Boom LH	

[illegible]

Electrical

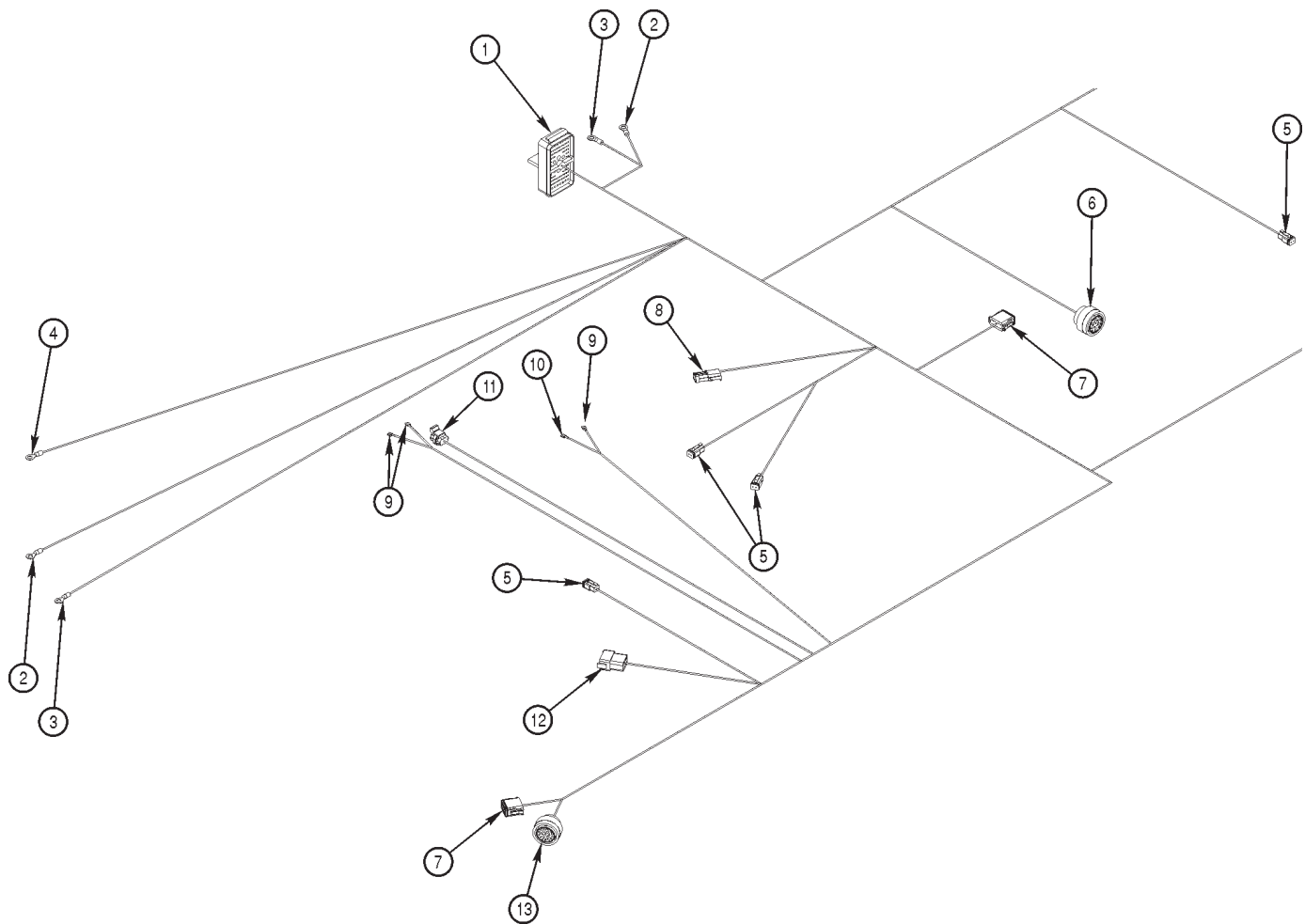
Main Harness

All Models (Overview)



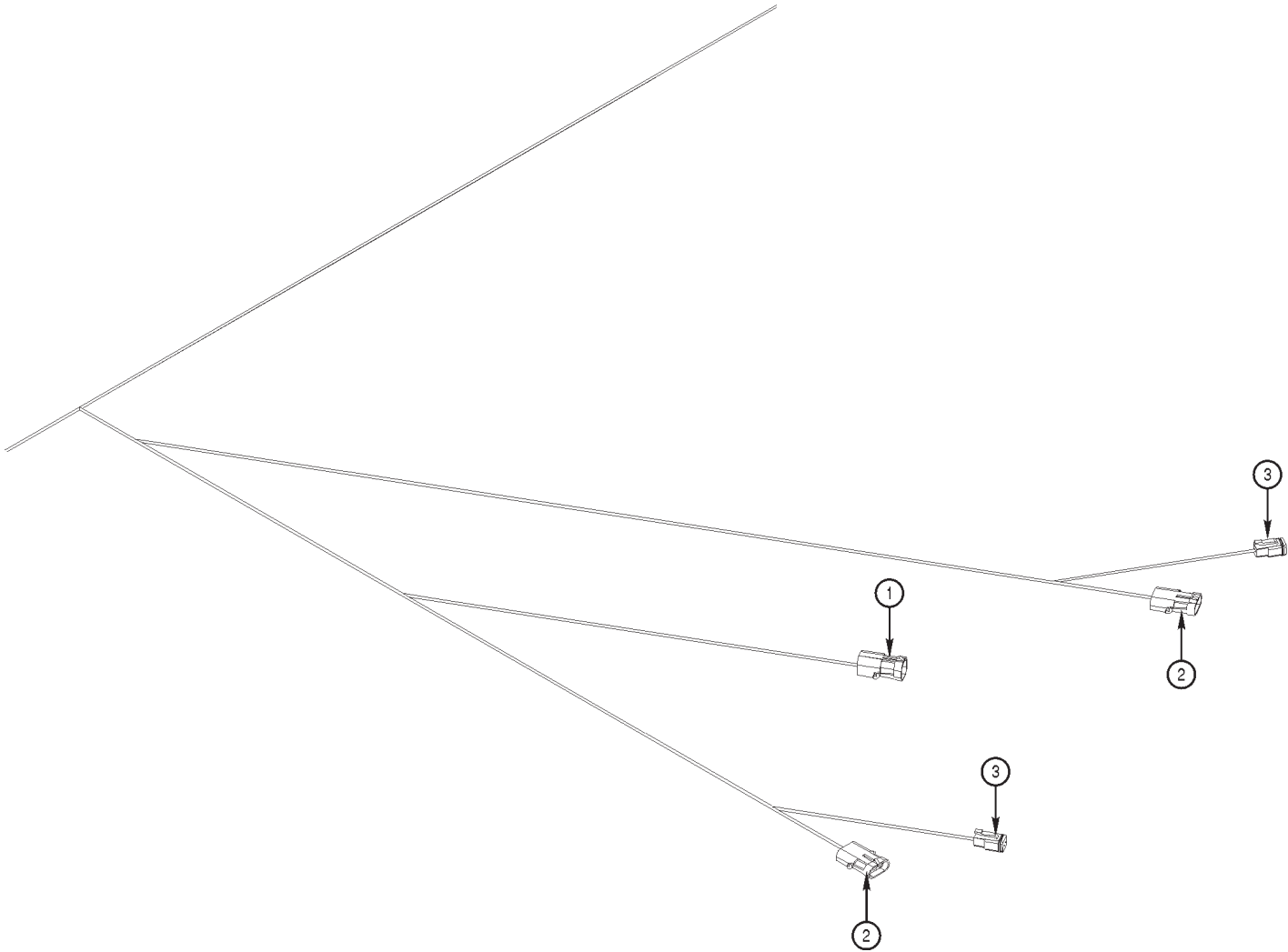
Item	Part Number	Description	Comments
	720000007	Harness, Main	Complete Harness

Main Harness Detail 1



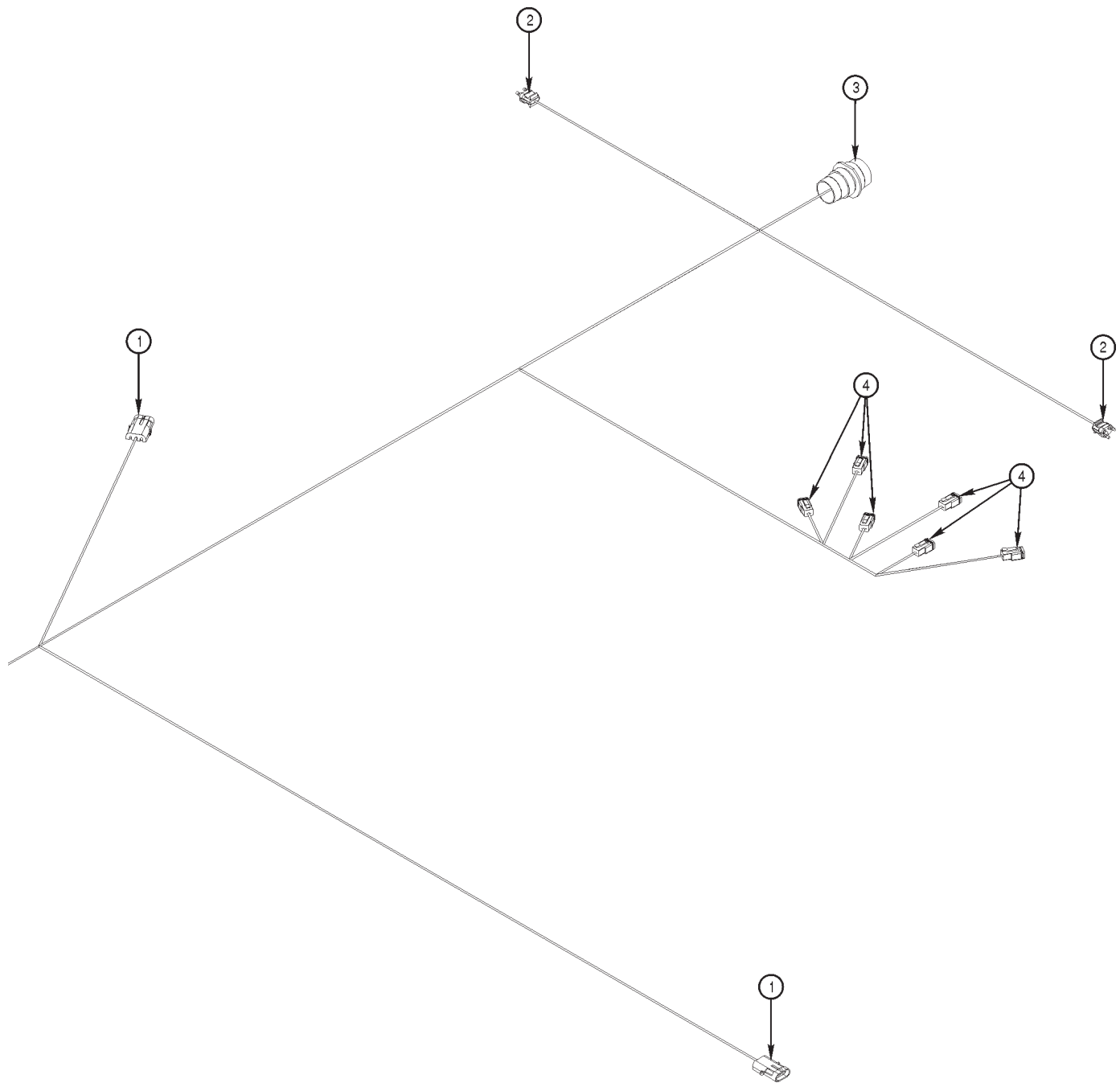
Item	Part Number	Description	Comments
1	760000042	Connector, Deutsch DRB12-102PAE	Connects to Cab Harness
2	770000000	Ring Terminal, 3/8"	Connects to Cab Grd, Cab Power, Fuse block
3	770000003	Ring Terminal, 5/16" 6 AWG	Connects to Cab Power
4	770000002	Ring Terminal 3/8" 8 AWG	Connects to Cab Fuse Block Battery Power
5	700000099	Connector, Deutsch DT06-2S	Connects to Hydraulic Temp, Suspension, Rack
6	760000009	Connector, Deutsch HDP26-24-19SN	Connects to HVAC
7	700000027	Connector, Deutsch DT06-12SA	Connects to AOG, Engine Accessory
8	700000026	Connector, Weatherpack 2 Pos	Connects to Brake Switch, Fill Station light
9	700000008	Connector, 1/4" Female Spade	Connects to Horn
10	760000051	Connector 1/4" Female Spade 22-18 AWG	Connects to Horn Ground
11	760000043	Connector, Delphi 6 Pos 12052848	Connects to Water Valve
12	700000057	Connector, Deutsch DT04-12PA	Connects to Transmission
13	700000028	Connector, Deutsch HDP26-24-21SN	Connects to Engine Harness
	722000042	Flange DRBM-2A	Use with 760000042 . Not shown.

Main Harness Detail 2



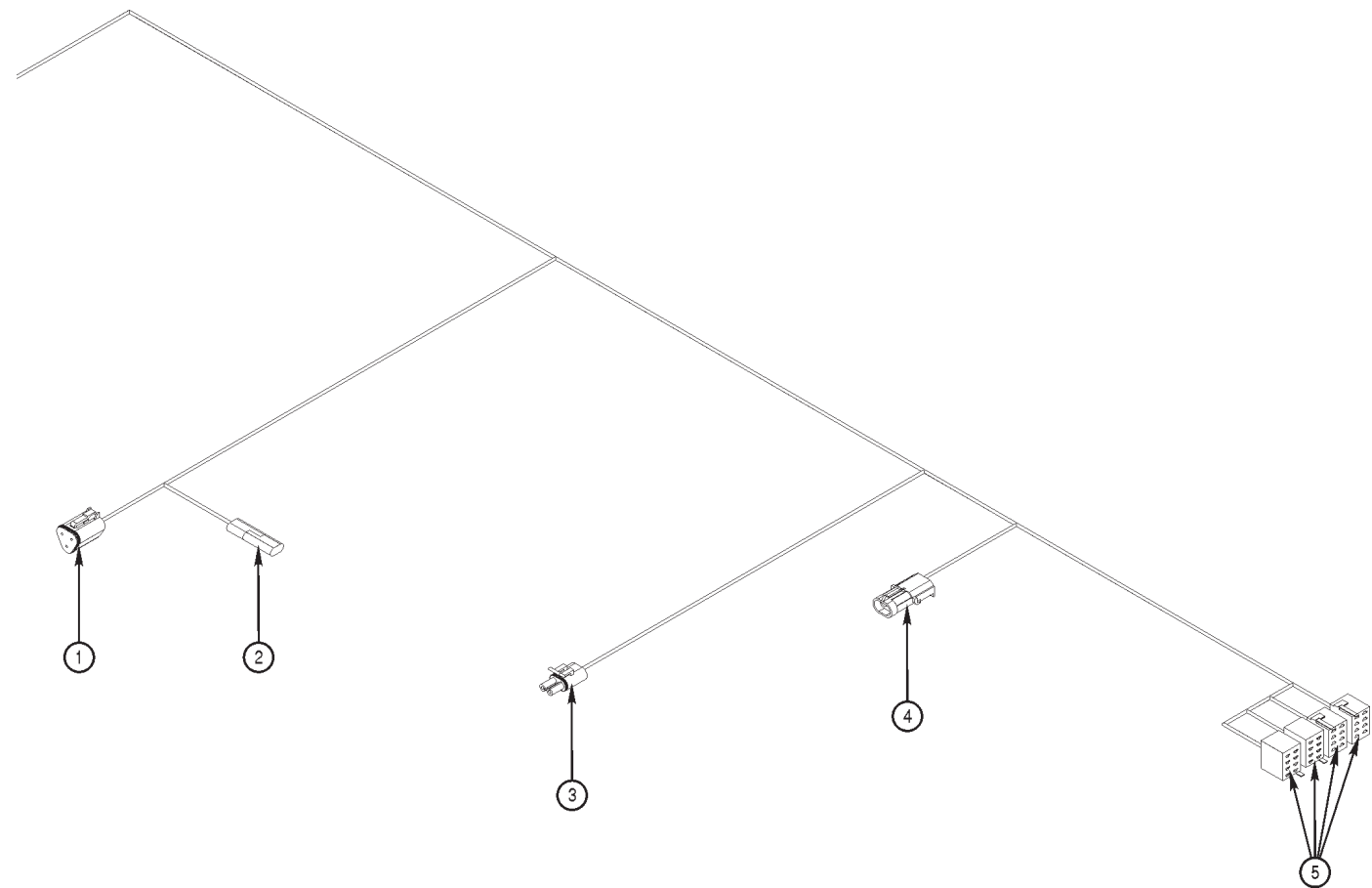
Item	Part Number	Description	Comments
1	700000055	Connector, Weatherpack 4 Pos SH SQ	Connects to Foamer
2	700000031	Connector, Weatherpack 3 Pos Shroud	Connects to L/H and R/H Turn Signal
3	700000099	Connector, Deutsch DT06-2S	Connects to L/H and R/H Support light

Main Harness Detail 3



Item	Part Number	Description	Comments
1	700000031	Connector, Weatherpack 3 Pos Shroud	Connects to L/H and R/H suspension switch
2	700000036	Connector, Rear Turn Signal	Connects to L/H and R/H turn signals
3	700000056	Connector, Deutsch HD34-24-31PT	Connects to Boom Harness
4	700000099	Connector, Deutsch DT06-2S	Connects to Susp. Up and Down, Rack Up and Down

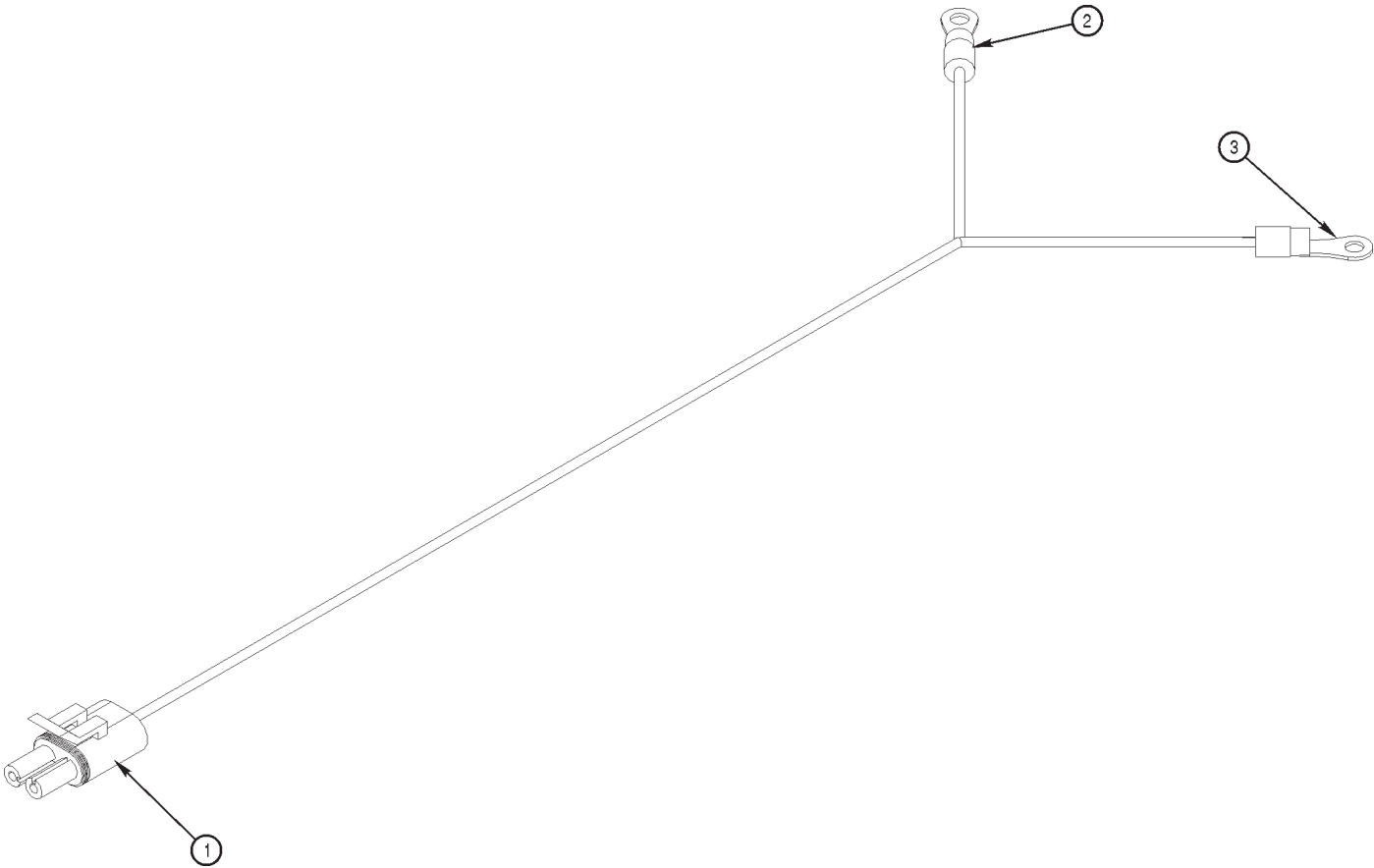
Main Harness Detail 4



Item	Part Number	Description	Comments
1	700000143	Connector, Deutsch DT06-3S	Connects to fuel sender
2	750000003	Voltage Suppressor, Molded BI-DIR 600W	Voltage Suppressor
3	700000005	Connector, Weatherpack 2 Pos Tower	Connects to Agitate Valve
4	700000026	Connector, Weatherpack 2 Pos Shroud	Connects to Fill Station Light
5	760000011	Connector, Carling 8 Pos VCH-01	Connects to Product pump switch,Agitation switch and override, Fill Station light

Brake Harness

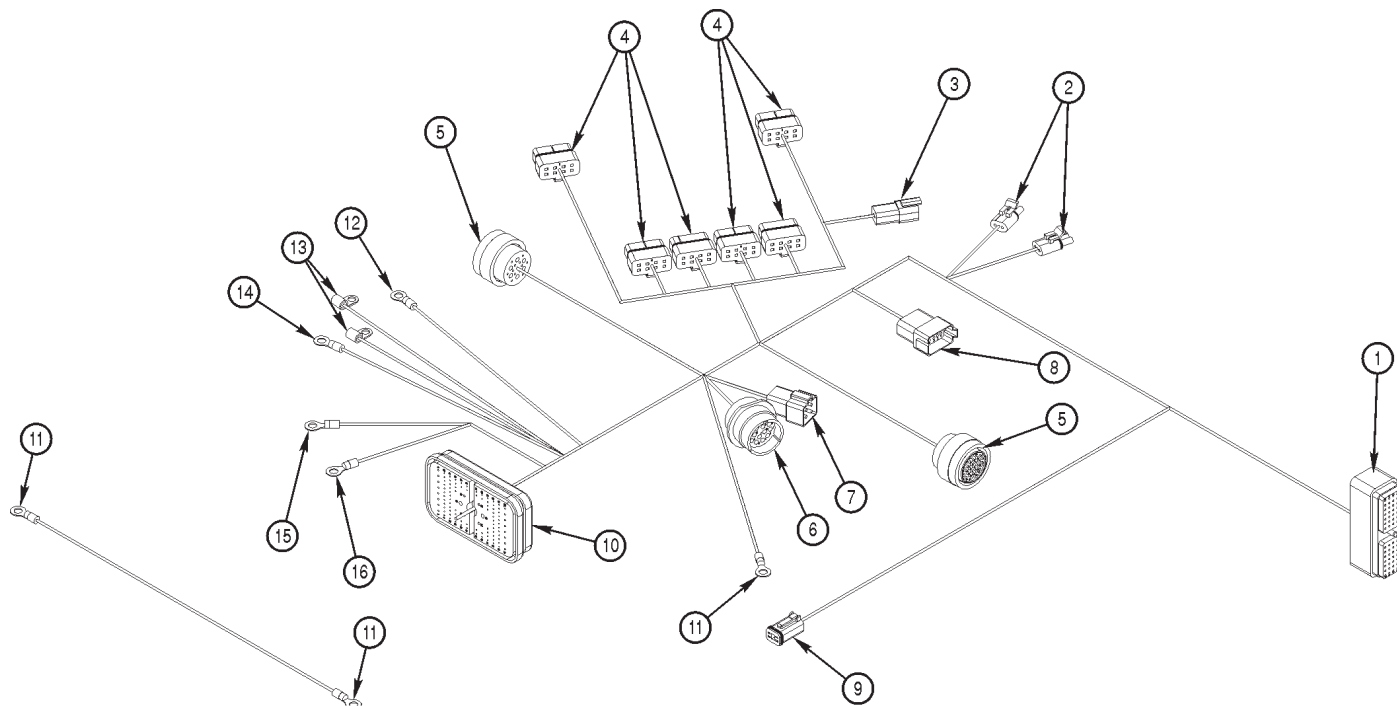
All Models



Item	Part Number	Description	Comments
1	760000005	Connector, Weatherpack 2 Pos Tower	Connects to Main Harness
2	700000148	Ring Terminal, #6 22-18 AWG	Connects to Brake Switch Signal
3	700000148	Ring Terminal, #6 22-18 AWG	Connects to Brake Switch Power
	700000557	Harness, Brake Pigtail	Complete Harness

Cab Harness

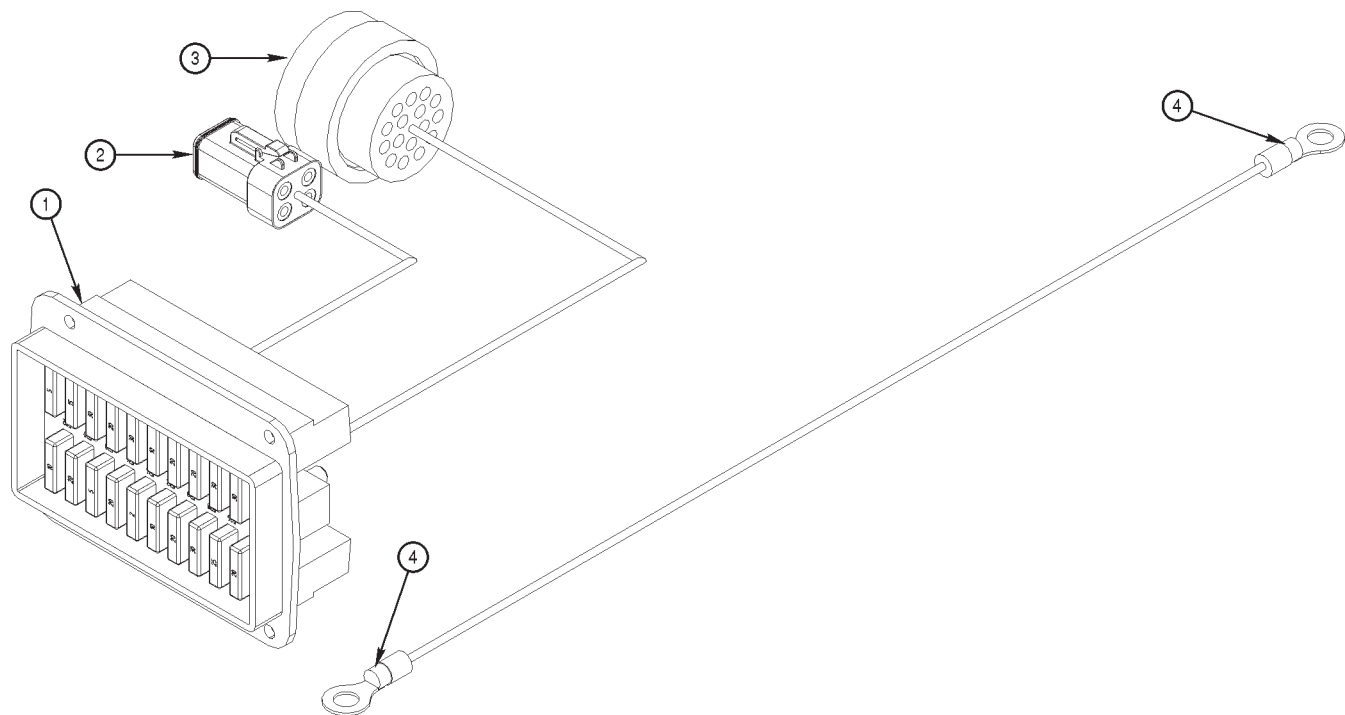
All Models



Item	Part Number	Description	Comments
1	700000145	Connector, Deutsch DRC16-70SA	Connects to Main Harness
2	700000005	Connector, Weatherpack 2 Pos Tower	Connects to Aux Battery and Aux Ignition Power
3	700000024	Connector, Deutsch DT04-2P	Connects to Trans relay
4A	700000129	Connector, Bussman 32006-G22 (Orange)	Connects to Fuse Block
4B	700000128	Connector, Bussman 32006-F22 (Red)	Connects to Fuse Block
4C	700000018	Connector, Bussman 32006-B22 (Grey)	Connects to Fuse Block
4D	700000127	Connector, Bussman 32006-H22 (Brown)	Connects to Fuse Block
4E	700000019	Connector, Bussman 32006-C22 (Green)	Connects to Fuse Block
4F	700000126	Connector, Bussman 32006-D22 (Blue)	Connects to Fuse Block
5	700000013	Connector, Deutsch HDP26-24-19SE	Connects to Upper Cab
6	760000012	Connector, Deutsch HDP24-24-16PN	Connects to Battery Power
7	700000139	Connector, Deutsch DT04-4P	Connects to Ignition Power
8	700000057	Connector, Deutsch DT04-12PA	Connects to Raven Harness
9	700000079	Connector, Deutsch DT06-4S	Connects to Seat Power
10	700000033	Connector, Deutsch DRB16-102SAE-L018	Connects to Main Harness
11	770000004	Ring Terminal, 5/16" 12-10 AWG	Connects to Ground Strap
12	770000005	Ring Terminal, 5/16" 8 AWG	Connects to Fuse Box
13	700000144	Terminal, Thomas and Betts E272	Connects to Fuse Block
14	770000005	Ring Terminal, 5/16" 8 AWG	Connects to Chassis Ground
15	770000003	Ring Terminal, 5/16" 6 AWG	Connects to DRBM flange
16	770000000	Ring Terminal, 3/8" 6 AWG	Connects to DRBM flange
	720000008	Complete Harness	
	722000042	Flange, DRBM-2A	Not shown

Bussman RT 15712 Harness

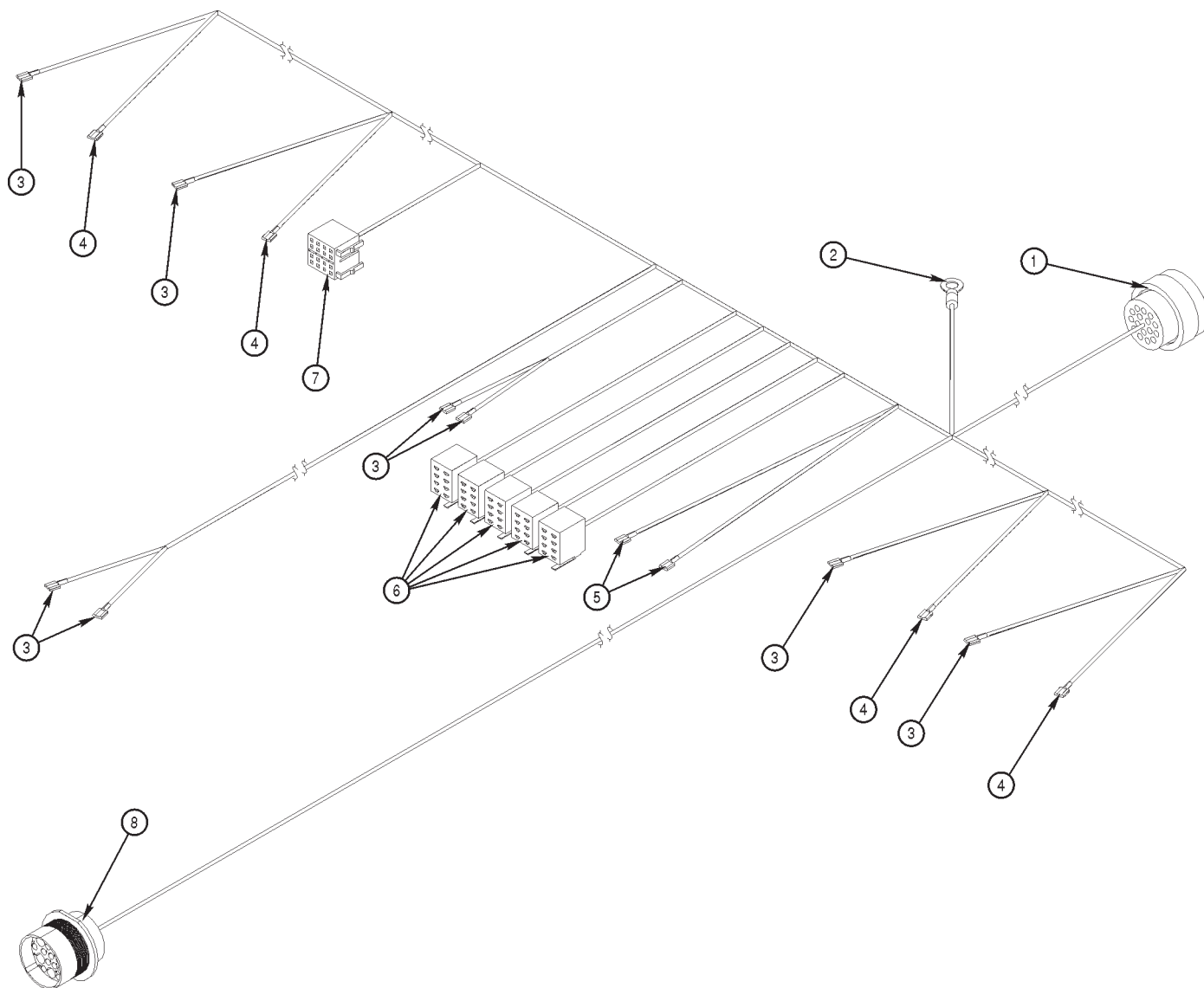
All Models



Item	Part Number	Description	Comments
1	700100301	Fuse Block, RT Bussman	Fuse Block
2	700000138	Connector, Deutsch DTP06-4S	Connects to Ignition Power Out
3	760000036	Connector, Deutsch HDP26-24-16SN	Connects to Battery Power Out
4	700000015	Connector, 5/16" Ring Terminal	Connects to Battery Power
	700100302	Harness, Bussman Rt 15712 Assembly	Complete Harness

Upper Cab Harness

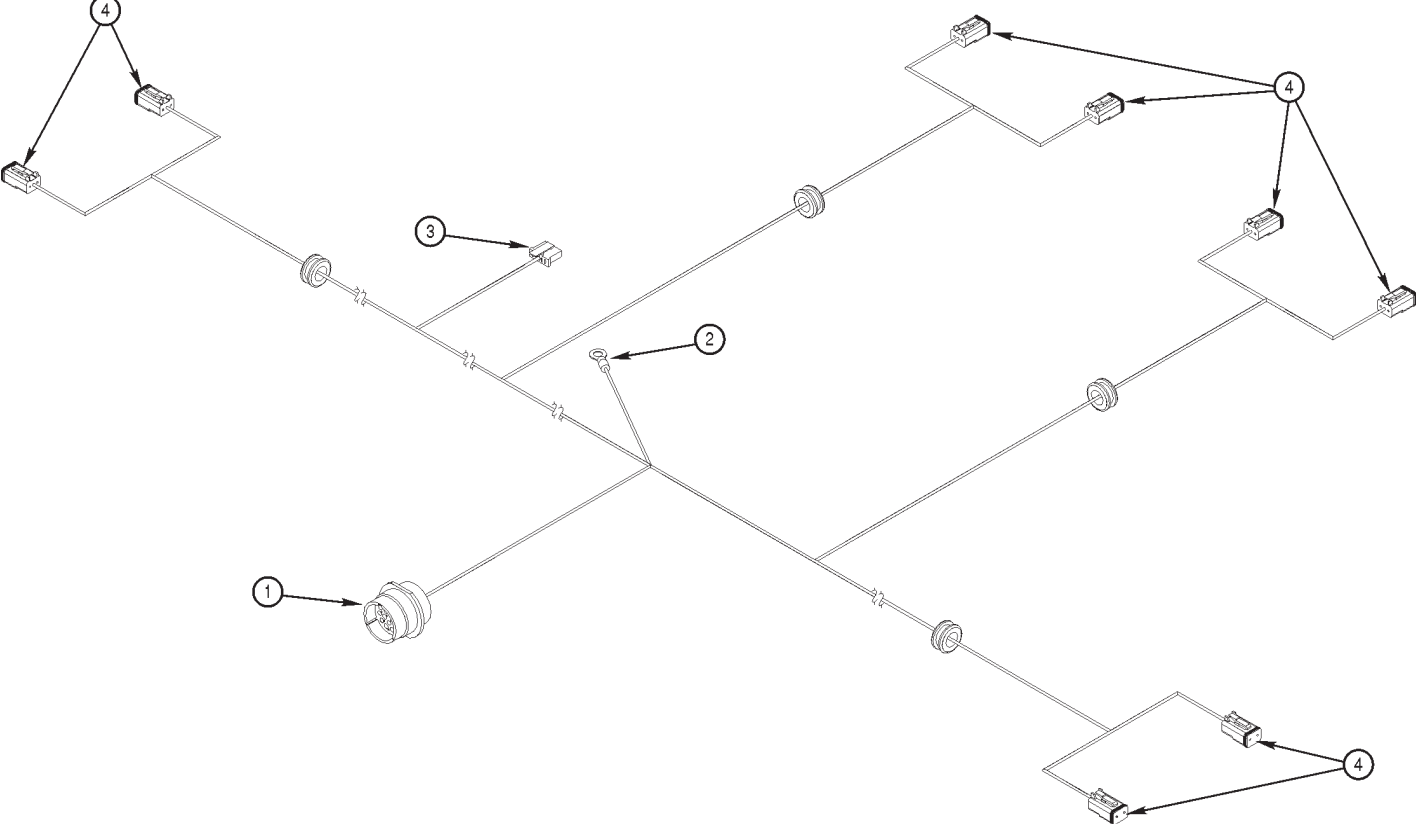
All Models



Item	Part Number	Description	Comments
1	760000015	Connector, Deutsch HD36-24-16SN	Connects to Roof Harness
2	700000015	Connector, 5/16" Ring Terminal	Upper Cab Ground
3	760000051	Connector, 1/4" Female Spade 22-18 AWG	Connects to Power point, Speakers, Pann Light
4	760000053	Connector, 3/16" Female Spade 22-18 AWG	Connects to Speakers
5	700000008	Connector 1/4" Female Spade 16-14 AWG	Connects to power point
6	760000011	Connector, Carling 8 Pos VCH-01	Connects to Lights
6	760000016	Connector, Radio Packard	Connects to Radio
8	760000014	Connector, Deutsch HDP24-24-19PE	Connects to cab Harness
	700000536	Harness, Upper Cab	Complete Harness

Cab Roof Harness

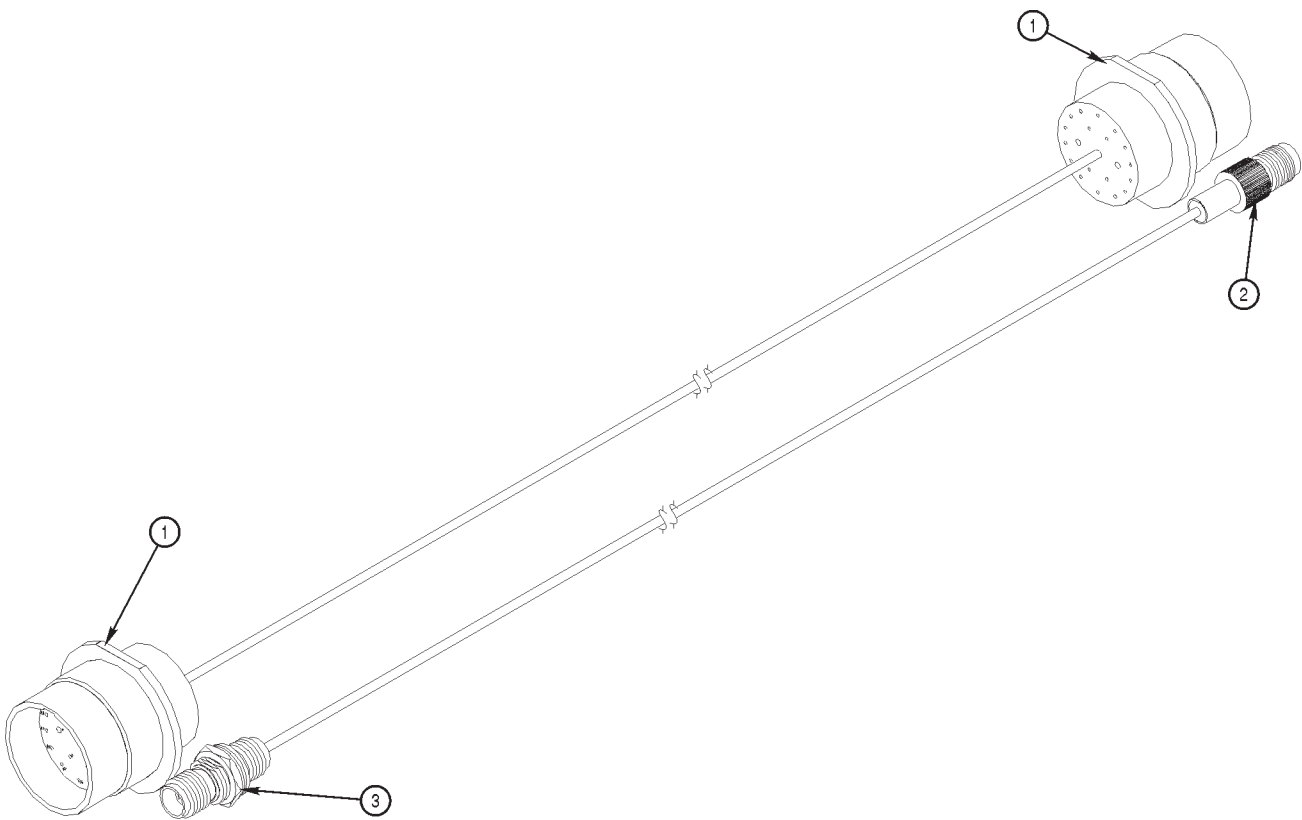
All Models



Item	Part Number	Description	Comments
1	760000028	Connector, Deutsch HD34-24-16PN	Connects to Cab Floor
2	770000006	Ring Terminal, 5/16" 4 AWG	Connects to Cab Ground
3	760000029	Connector, Delphi 5 Pos	Connects to Wiper Motor
4	700000099	Connector, Deutsch DT06-2S	Connects to Lights
	700000548	Harness, Cab Roof	Complete Harness

Antenna Harness

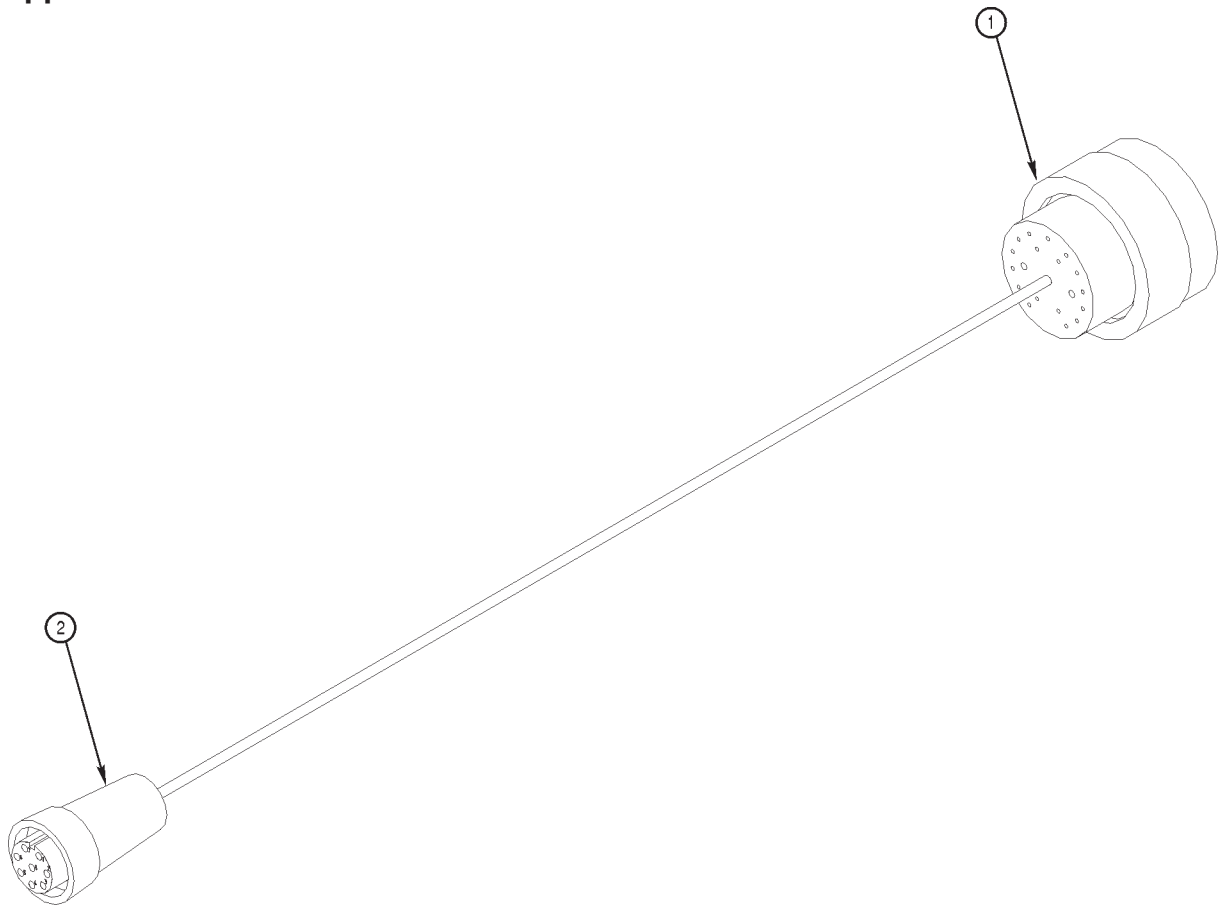
All Models



Item	Part Number	Description	Comments
1	700000205	Connector, Deutsch HD34-18-20PN	Antenna Roof / Inner Cab
2	760000018	Connector, Coax TNC Female Crimp	Antenna Inner Cab
3	760000017	Connector, Coax TNC Female BH	Antenna Roof
	700000537	Harness, Antenna (Under Roof)	Complete Harness

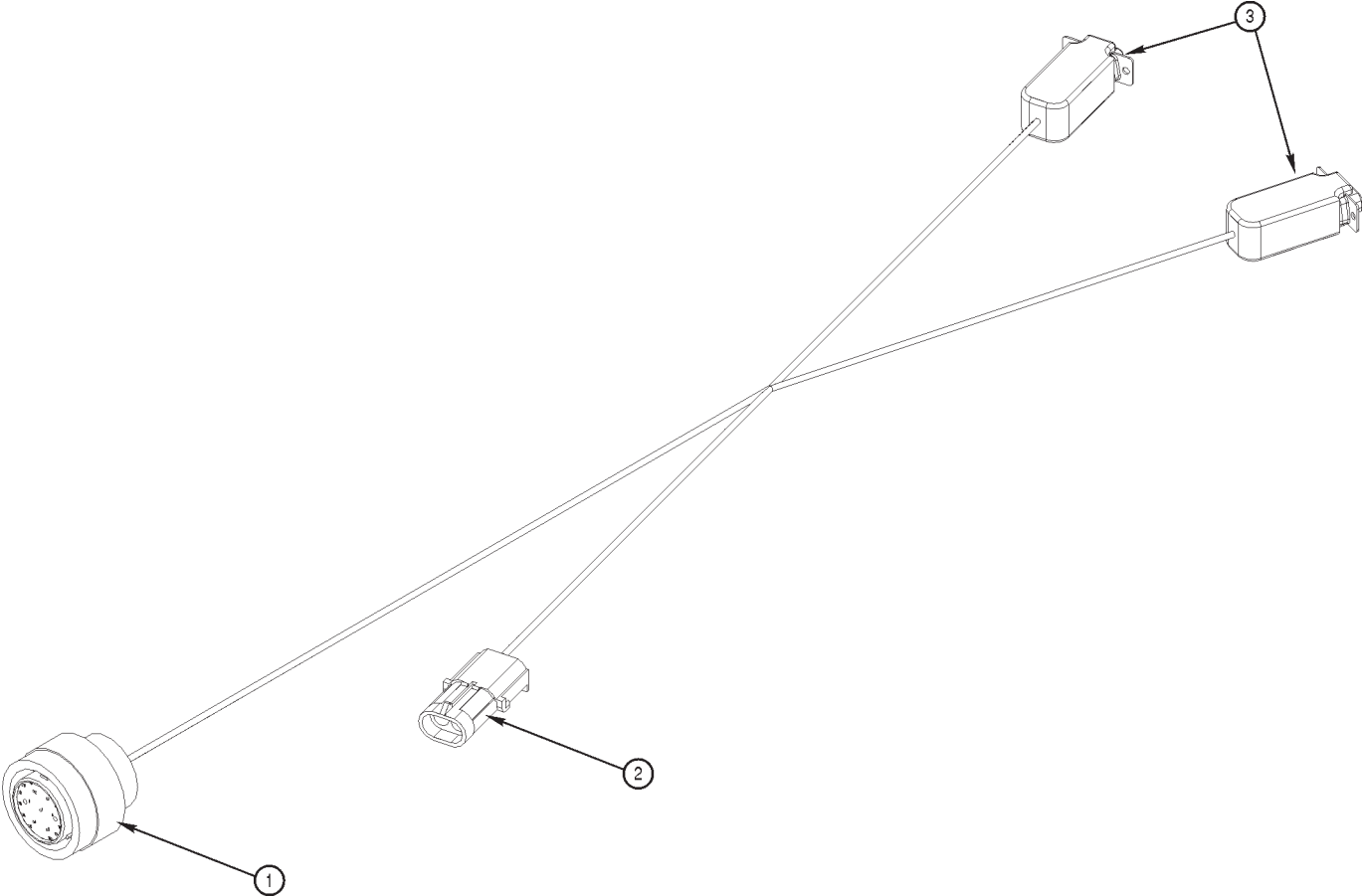
Phoenix 200 Antenna
to Cab Harness

All Equipped Models



Item	Part Number	Description	Comments
1	760000030	Connector, Deutsch HD36-18-20SN	Connects to Cab
2	760000031	Connector, Mini-Con-X 8 Pos	Connects to Antenna
	700000550	Harness, Antenna to Cab Phoenix 200	Complete Harness

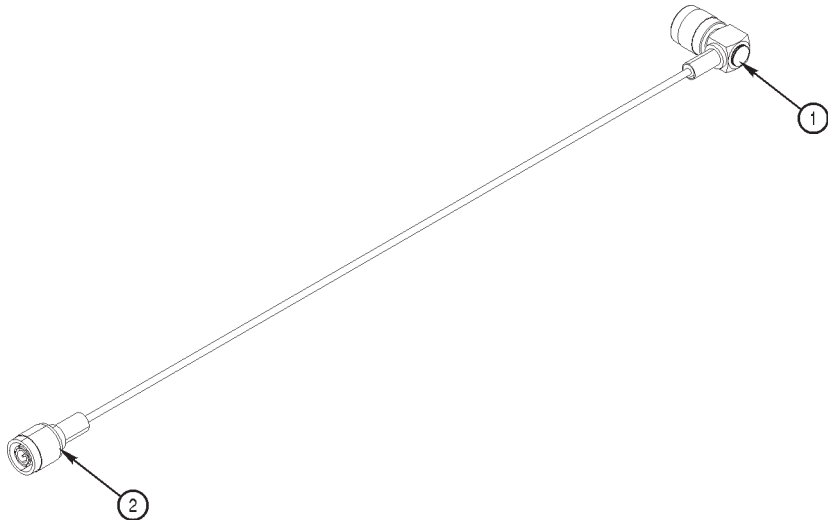
Phoenix 200 Antenna
Interface Harness
All Equipped Models



Item	Part Number	Description	Comments
1	760000030	Connector, Deutsch HD36-18-20SN	Connects to Antenna Upper Cab
2	700000026	Connector, Weatherpack 2 Pos	Connects to Antenna Power
3	760000035	Connector, 9-Pin Serial Receptacle	Connects to Port A and Port B
	700000551	Harness, Antenna Interface Phoenix 200	Complete Harness

Phoenix 300 Antenna to Cab Harness

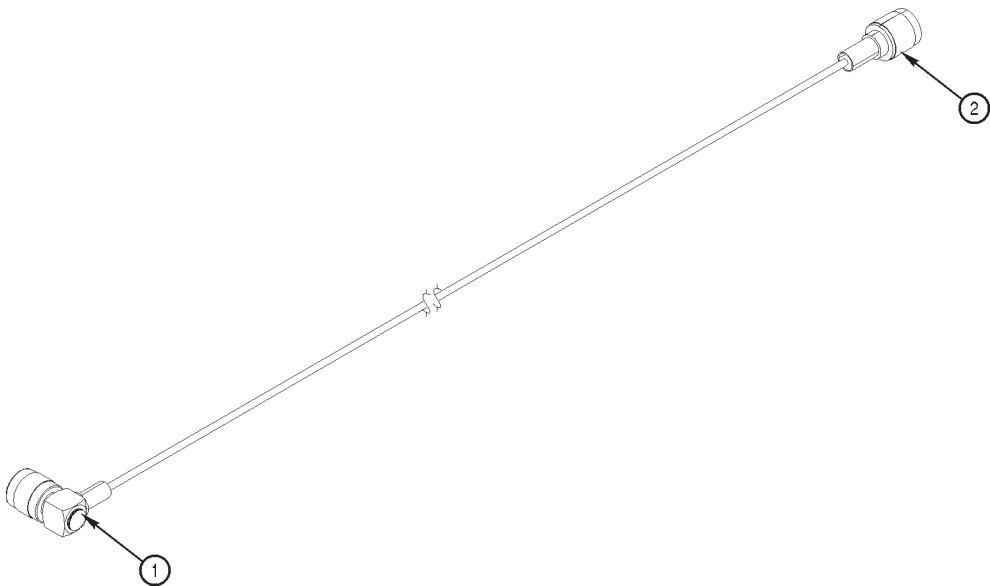
All Equipped Models



Item	Part Number	Description	Comments
1	760000033	Connector, Coax TNC 90 Male Crimp	Connects to Console
2	760000034	Connector, Coax TNC Male Crimp	Connects to Cab Post
	700000552	Harness, Antenna to Cab Phoenix 300	Complete Harness

Phoenix 300 Antenna Interface Harness

Viper Pro Equipped Models Only



Item	Part Number	Description	Comments
1	760000033	Connector, Coax TNC 90 Male Crimp	Connects to Console
2	760000034	Connector, Coax TNC Male Crimp	Connects to Cab Post
	700000553	Harness, Antenna Interface Phoenix 300	Complete Harness

E-Pro II Antenna Interface Harness

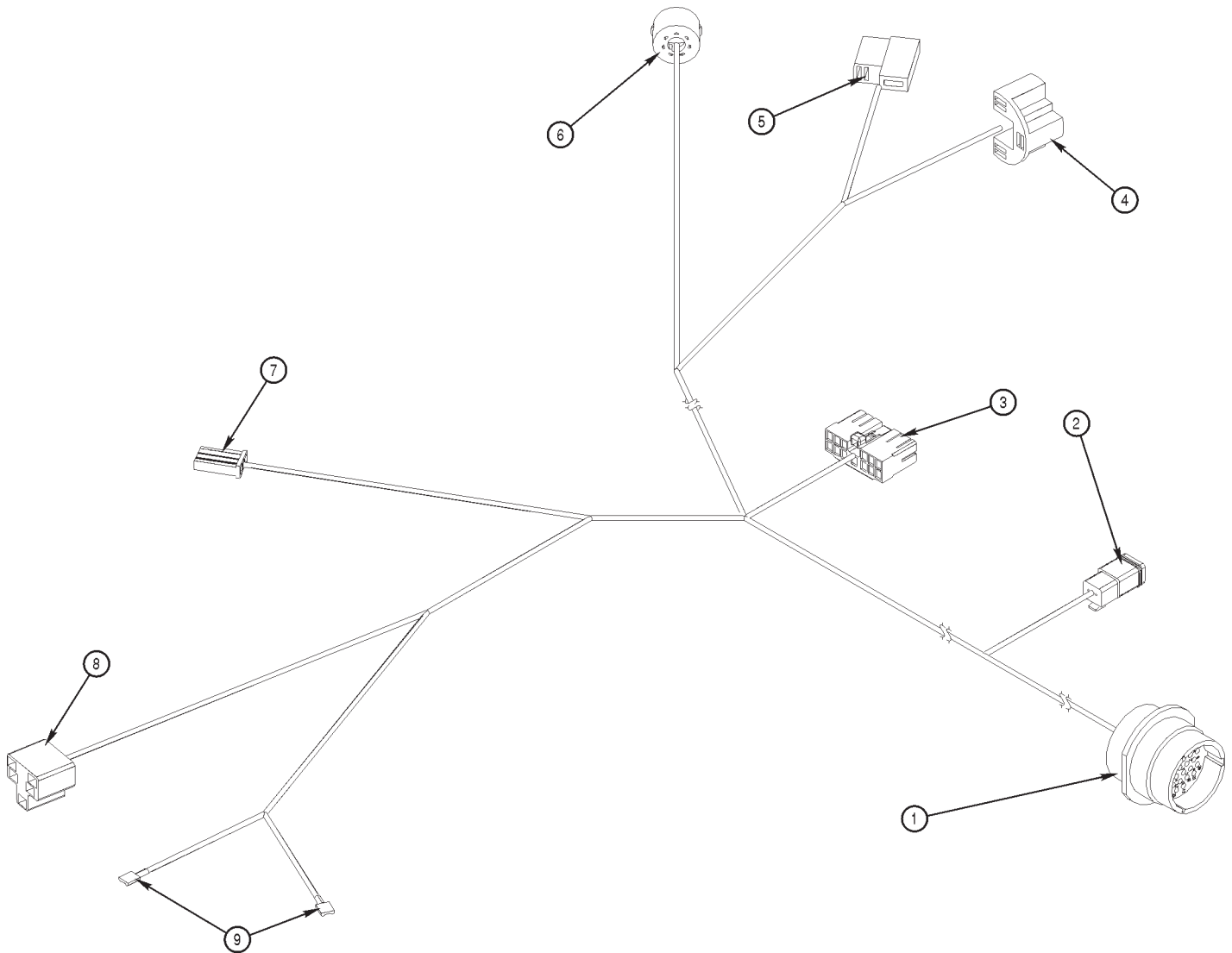
All Equipped Models



Item	Part Number	Description	Comments
1	760000038	Connector,Coax BNC Male 90	Connects to Console
2	760000034	Connector, Coax TNC male crimp	Connects to Post
	700000568	Harness, Antenna Interface E-Pro II	Complete Harness

Steering Column Harness

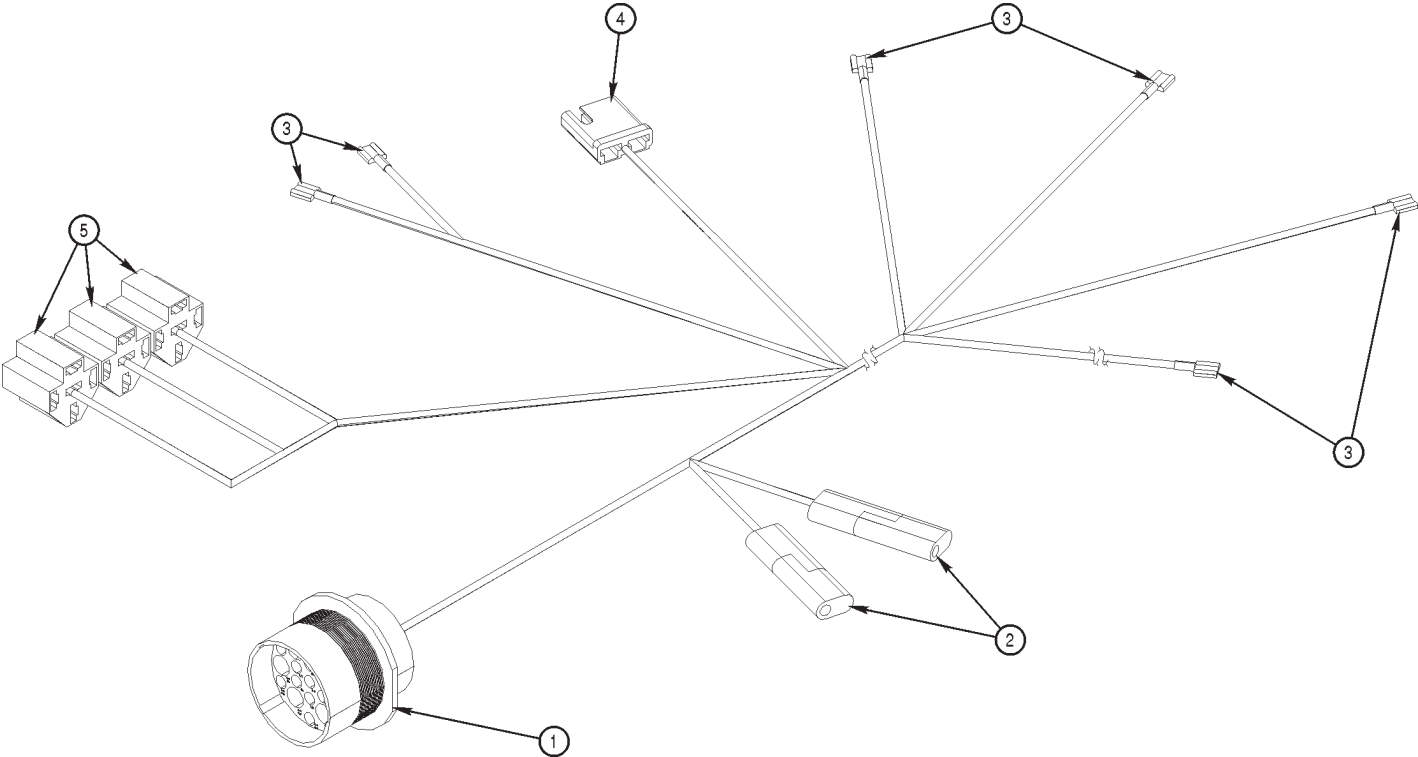
All Models



Item	Part Number	Description	Comments
	760000002	Connector, Deutsch HDP24-24-31PT	Connects to Cab Harness
	700000099	Connector, Deutsch DT06-2S	Connects to Differential Lock
	760000003	Connector, AMP 13-Pin MIC 172498-1	Connects to Turn Signal Switch
	760000007	Connector, Cobo 30.16.06571	Connects to Ignition Switch
	760000008	Connector, Cobo 30.16.06570	Connects to Ignition Switch
	760000006	Connector, AMA 7 Way 136104	Connects to Hazard Switch
	760000005	Connector, Molex 3-Pin 39-01-4036	Connects to Temperature Control Potentiometer
	760000004	Connector, Koch 5 Spade 754C3	Connects to Fan Switch
	700000008	Connector, 1/4" Female Spade	Connects to A/C switch
	70000532	Harness, Steering Column	Complete Harness

HVAC Harness

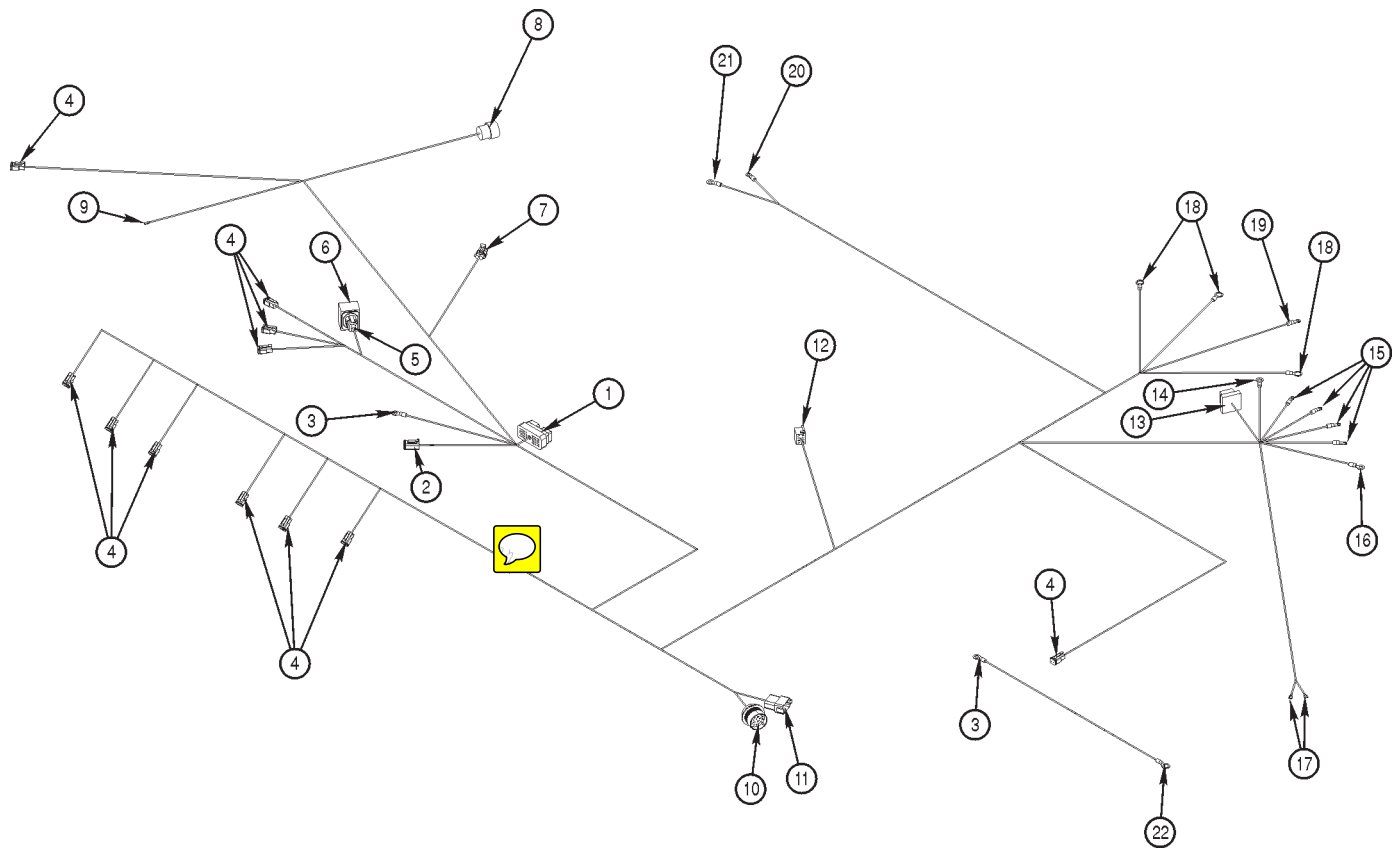
All Models



Item	Part Number	Description	Comments
1	700000147	Connector, Deutsch HDP24-24-19PN	Connects to Main Harness
2	750000005	Diode, 400V 6 Amp	Medium / High Speed Signal Diode
3	700000008	Connector, 1/4" Female Spade	Connects to Blower Speeds and Low Speed Rectifier
4	760000032	Connector, Delphi/Packard 2 Pos	Connects to Thermostat
5	700000092	Connector, Relay Base 5-Way	Connects to Blower Speeds
	700000555	Harness, HVAC	Complete Harness

Cummins Engine Harness

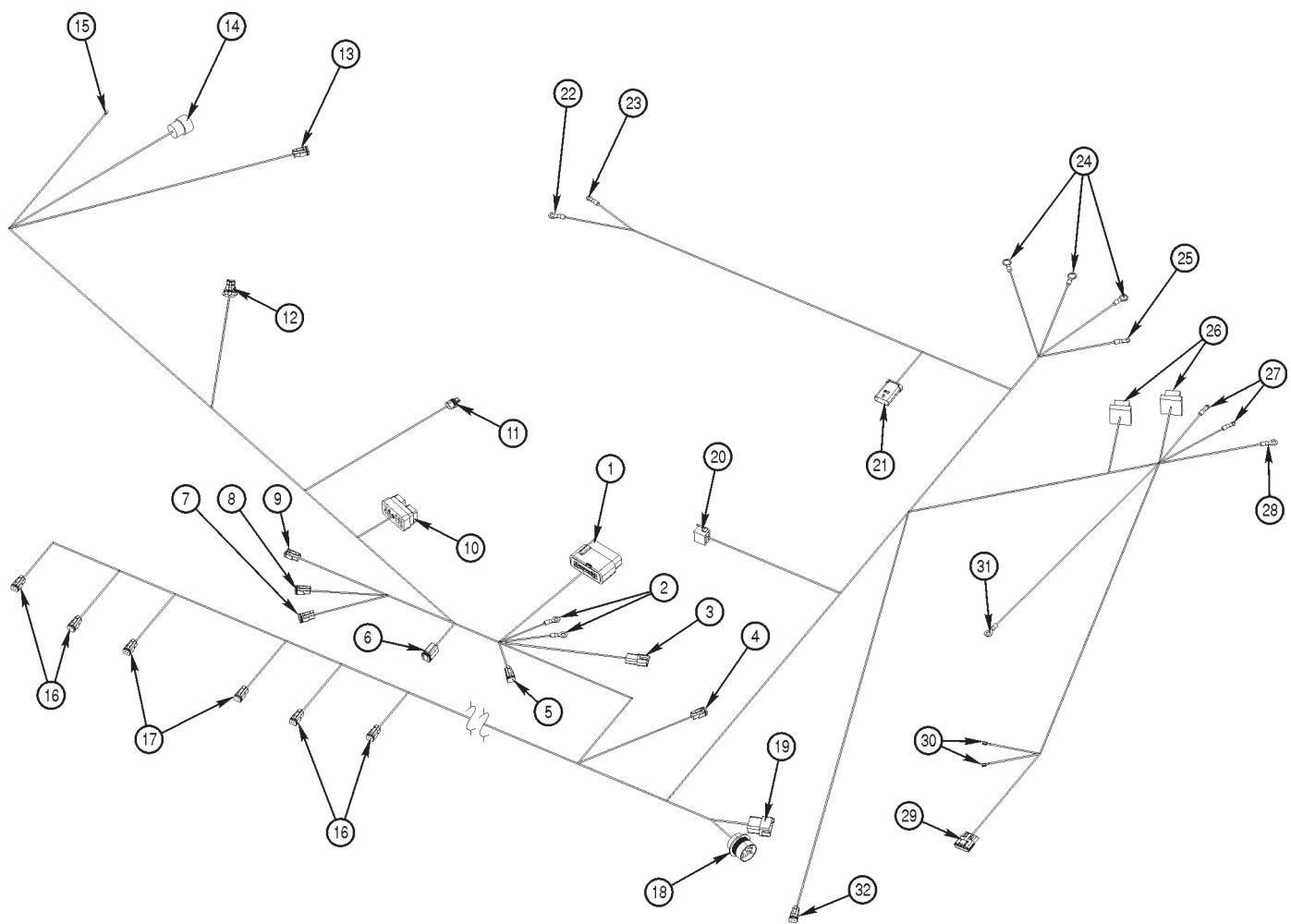
AS720, AS1020 and AS1220 (Early 2013 Tier 3)



Item	Part Number	Description	Comments
1	700000081	Connector, Deutsch DRC26-50S04	Connects to Engine ECU
2	700000138	Connector, Deutsch DTP06-4S	Connects to ECU Power
3	770000004	Ring Terminal, 5/16" 12-10 AWG	Connects to ECU Ground, Alternator, Cold Start
4	700000099	Connector, Deutsch DT06-2S	Connects to Lights, Destroke Valve, Fan Reverse, Hydraulic Temp and Transmission Temp
5	750000020	Fan Control Module	
6	700000007	Connector, Deutsch DT06-6S	Connects to Fan Control Module
7	700000080	Connector, Packard 15300027	Connects to Coolant Level Sensor
8	750000030	Plug, Molded Trinary Switch	Connects to Trinary Switch
9	700060310	Terminal 3/16" Bullet 16-14 AWG	Connects to A/C Compressor
10	700000063	Connector, Deutsch HDP24-24-21PN	Connects to Engine Harness
11	700000057	Connector, Deutsch DT04-12PA	Connects to Accessory Harness
12	760000011	Connector, Carling 8 Pos VCH-01	Connects to Fan Reverse Switch
13	700000078	Connector, Packard Relay 4-Pin	Connects to Starter Relay
14	770000003	Ring Terminal 5/16" 6 AWG	Connects to Cold Start Power
15	700000060	Connector, # 10 Ring Terminal	Connects to Cold Start
16	770000003	Ring Terminal 5/16" 6 AWG	Connects to Cold Start Power
17	760000051	Connector, 1/4" Female Spade 22-18 AWG	Connects to filter indicator
18	770000007	Ring Terminal 1/2" 4 AWG	Connects to Alternator Ground and Charge, Engine Power
19	700000058	Ring Terminal, 1/4"	Connects to Alternator Ground, Starter Relay
20	770000008	Ring Terminal,	Connects to Alternator Ground
21	770000006	Ring Terminal, 5/16" 4 AWG	Connects to Alternator Charge
22	700000059	Connector, 1/2" Ring Terminal	Connects to Block Ground
	700000567	Cummins Engine Harness	Complete Harness
	700000158	Relay, Starter	Not shown

Cummins Engine Harness

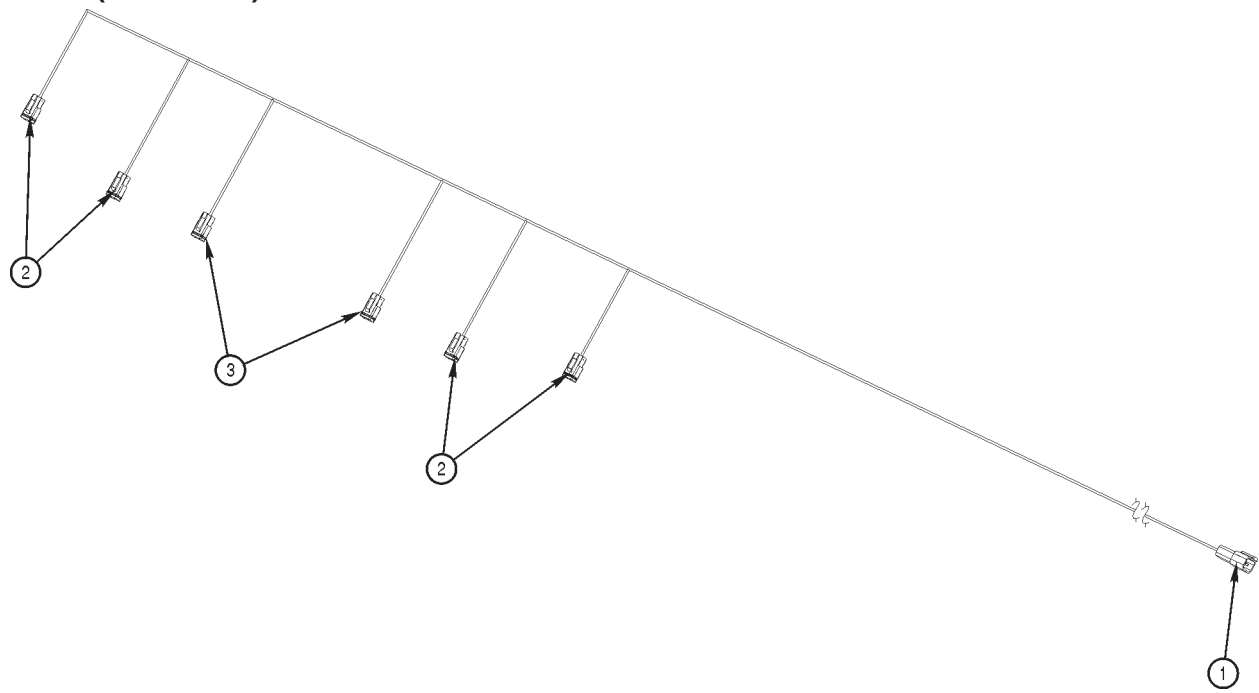
AS1025 Only (Early 2013 Tier 4i)



Item	Part Number	Description	Comments
1	760000046	Connector, Framatome F934000	Connects to Engine Breakout
2	770000004	Ring Terminal, 5/16" 12-10 AWG	Connects to ECU Ground and Block Ground
3	700000024	Connector, Deutsch DT04-2P	Connects to Engine WIF Input
4	700000099	Connector, Deutsch DT06-2S	Connects to WIF Sensor
5	700000099	Connector, Deutsch DT06-2S	Connects to Fan Resistor
6	700000007	Connector, Deutsch DT06-6S	Connects to Fan Control Module
7	700000099	Connector, Deutsch DT06-2S	Connects to Fan Speed
8	700000099	Connector, Deutsch DT06-2S	Connects to Hyd Temp Switch
9	700000099	Connector, Deutsch DT06-2S	Connects to Fan Reverse Switch
10	760000045	Connector, Deutsch DRC26-60S07	Connects to Engine ECU
11	760000048	Connector, Packard 2Pos 12162197	Connects to CAC Temp Sensor
12	760000047	Connector Packard 3Pos 12110293	Connects to Coolant Level Sensor
13	700000099	Connector, Deutsch DT06-2S	Connects to Trans Temp Switch
14	750000030	Plug Molded Trianary Switch	Connects to A/C Trinary Switch
15	700060310	Terminal 3/16" Bullet 16-14 AWG	Connects to A/C Compressor
16	700000099	Connector, Deutsch DT06-2S	Connects to Headlights
17	700000099	Connector, Deutsch DT06-2S	Connects to Flood Lights
18	700000063	Connector, Deutsch HDP24-24-21Pn	Connects to Engine Harness
19	700000057	Connector, Deutsch DT04-12Pa	Connects to Accessory Harness
20	760000011	Connector, Carling 8 Pos VCH-01	Connects to Fan Reverse Switch
21	760000049	Connector, Framatome 54200415	Connects to Engine TBap Input
22	723000005	Ring Terminal, 5/16" 1/0 AWG	Connects to Alternator Charge
23	723000004	Ring Terminal, 1/4" 1/0 AWG	Connects to Alternator Ground
24	723000006	Ring Terminal 1/2" 1/0 AWG	Connects to Alternator Ground and Charge, Engine Power
25	700000058	Ring Terminal 1/4" 14 AWG	Connects to Starter Relay
26	700000078	Connector, Packard Relay 12077951	Connects to Starter Lockout and Starter Realy
27	700000060	Connector, # 10 Ring Terminal	Connects to Cold Start Ground and Could Start Power
28	723000007	Ring Terminal 5/16" 2 AWG	Connects to Cold Start Power
29	760000050	Connector Sumtomo 6098-0144	Connects to TBap Sensor
30	760000051	Connector 1/4" Fem Spade 22-18 AWG	Connects to Filter Indicator
31	770000004	Ring Terminal 5/16" 12-10 AWG	Connects to Block Ground
32	700000099	Connector, Deutsch DT06-2S	Connects to Destroke Valve
	700000571	Harness Engine T4i	Complete Harness
	700000158	Relay, starter	Not Shown

Headlight Harness

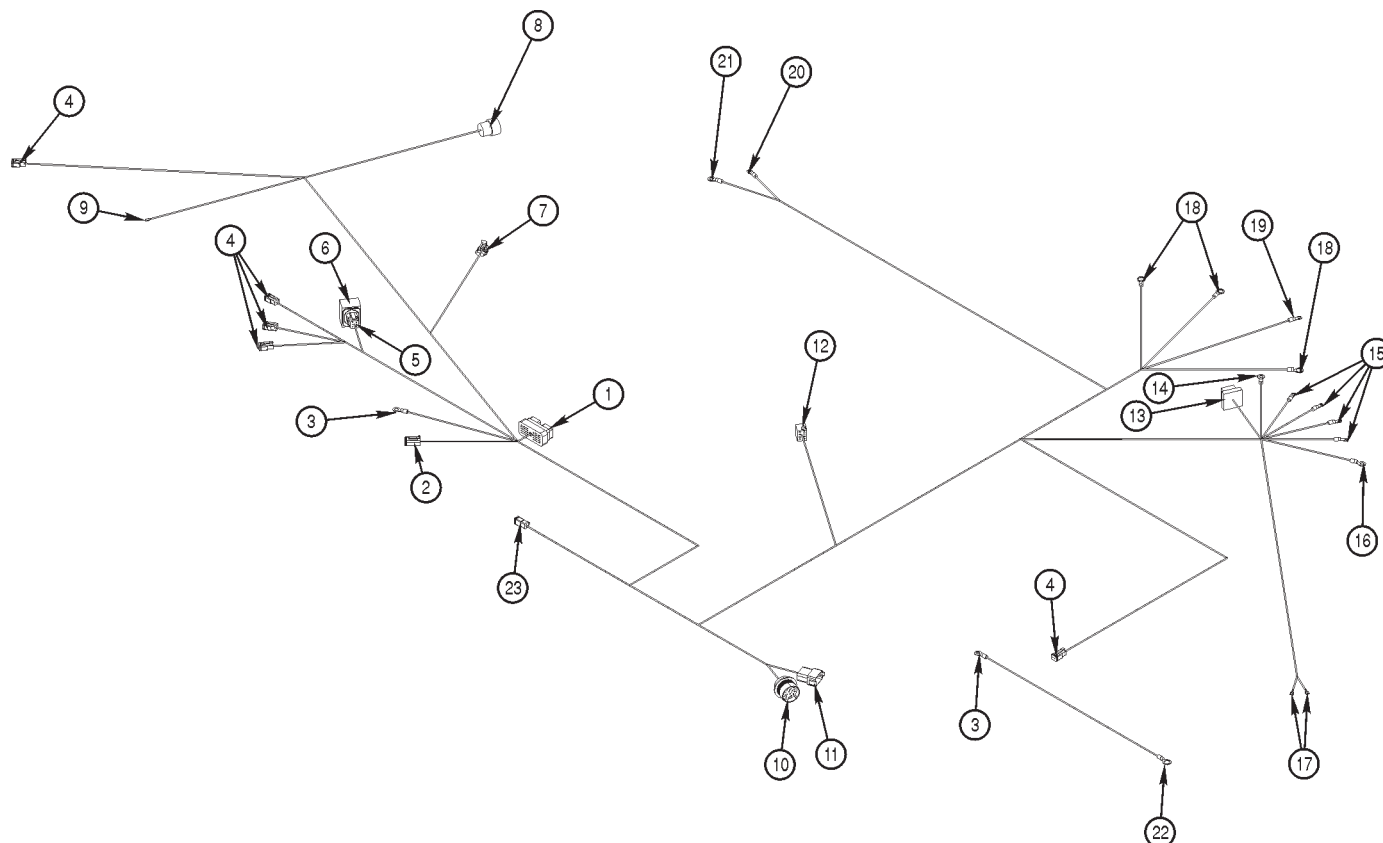
All Models (Late 2013)



Item	Part Number	Description	Comments
1	700000024	Connector, Deutsch DT04-2P	Connects to Headlight Power
2	700000099	Connector, Deutsch DT06-2S	Connects to Headlights
3	700000099	Connector, Deutsch DT06-2S	Connects to Flood Lights
4			
	720000014	Harness Headlights 2013	Complete Harness

Cummins Engine Harness

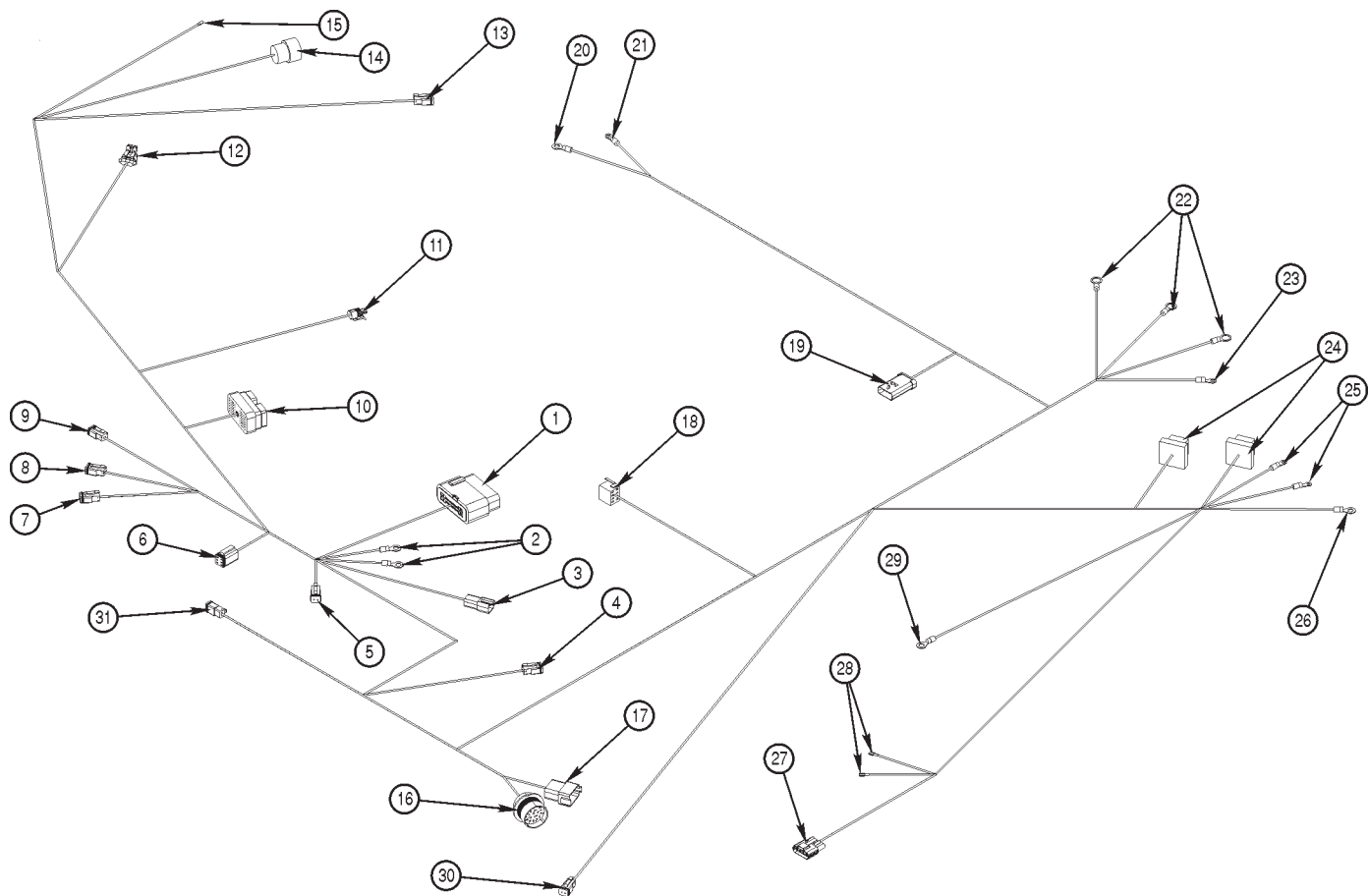
AS720, AS1020 and AS1220 (Late 2013 Tier 3)



Item	Part Number	Description	Comments
1	700000081	Connector, Deutsch DRC26-50S04	Connects to Engine ECU
2	700000138	Connector, Deutsch DTP06-4S	Connects to ECU Power
3	770000004	Ring Terminal, 5/16" 12-10 AWG	Connects to ECU Ground, Alternator, Cold Start
4	700000099	Connector, Deutsch DT06-2S	Connects to Lights, Destroke Valve, Fan Reverse, Hydraulic Temp and Transmission Temp
5	750000020	Fan Control Module	
6	700000007	Connector, Deutsch DT06-6S	Connects to Fan Control Module
7	700000080	Connector, Packard 15300027	Connects to Coolant Level Sensor
8	750000030	Plug, Molded Trinary Switch	Connects to Trinary Switch
9	700060310	Terminal 3/16" Bullet 16-14 AWG	Connects to A/C Compressor
10	700000063	Connector, Deutsch HDP24-24-21PN	Connects to Engine Harness
11	700000057	Connector, Deutsch DT04-12PA	Connects to Accessory Harness
12	760000011	Connector, Carling 8 Pos VCH-01	Connects to Fan Reverse Switch
13	700000078	Connector, Packard Relay 4-Pin	Connects to Starter Relay
14	770000003	Ring Terminal 5/16" 6 AWG	Connects to Cold Start Power
15	700000060	Connector, # 10 Ring Terminal	Connects to Cold Start
16	770000003	Ring Terminal 5/16" 6 AWG	Connects to Cold Start Power
17	760000051	Connector, 1/4" Female Spade 22-18 AWG	Connects to filter indicator
18	770000007	Ring Terminal 1/2" 4 AWG	Connects to Alternator Ground and Charge, Engine Power
19	700000058	Ring Terminal, 1/4"	Connects to Alternator Ground, Starter Relay
20	770000008	Ring Terminal,	Connects to Alternator Ground
21	770000006	Ring Terminal, 5/16" 4 AWG	Connects to Alternator Charge
22	700000059	Connector, 1/2" Ring Terminal	Connects to Block Ground
23	720000015	Connector, Deutsch DTP-6-2S	Connects to Headlight Power
	700000567	Cummins Engine Harness T3 2013	Complete Harness
	700000158	Relay, Starter	Not shown

Cummins Engine Harness

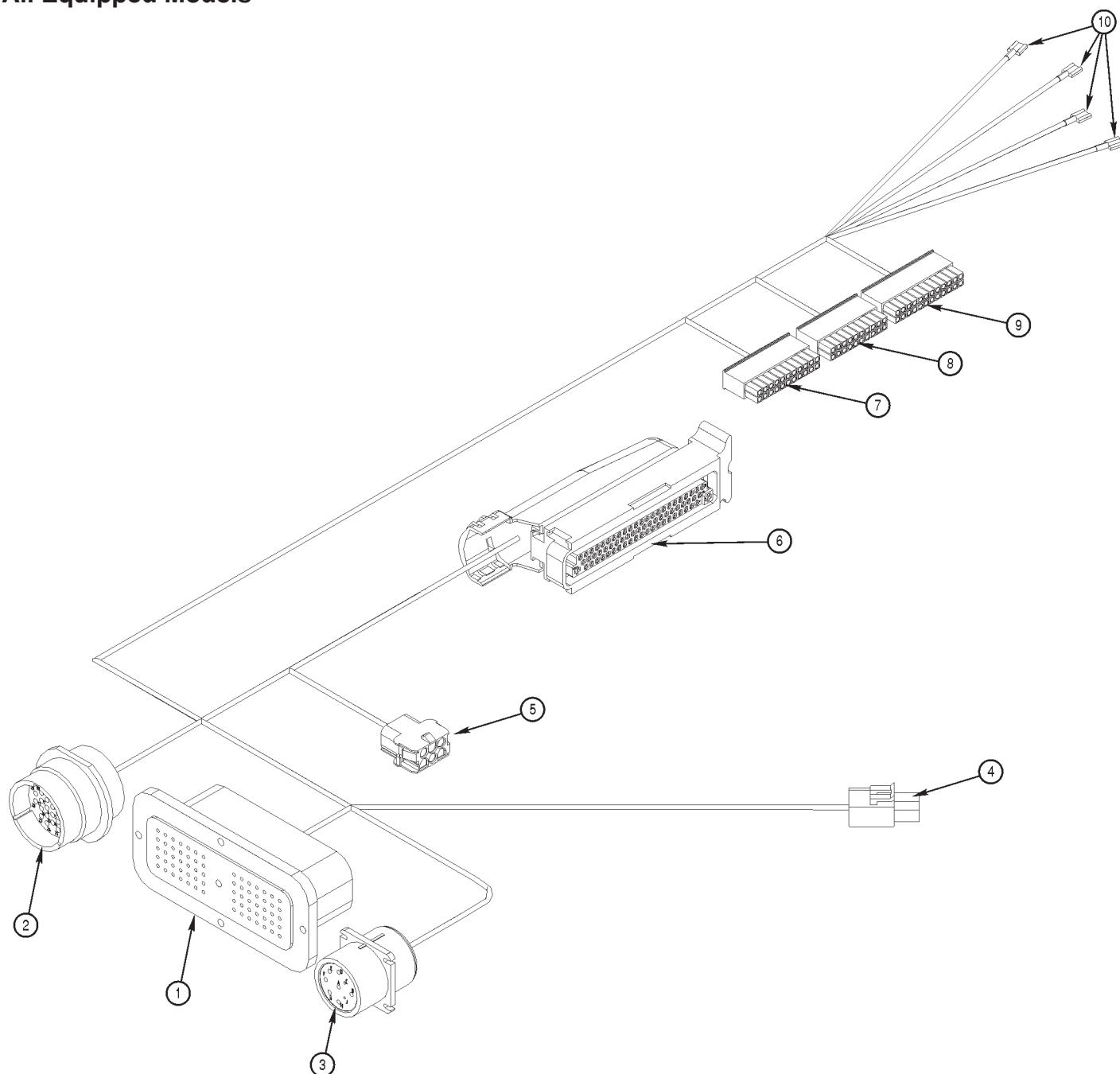
AS1025 Only (Late 2013 Tier 4i)



Item	Part Number	Description	Comments
1	760000046	Connector, Framatome F934000	Connects to Engine Breakout
2	770000004	Ring Terminal, 5/16" 12-10 AWG	Connects to ECU Ground and Block Ground
3	700000024	Connector, Deutsch DT04-2P	Connects to Engine WIF Input
4	700000099	Connector, Deutsch DT06-2S	Connects to WIF Sensor
5	700000099	Connector, Deutsch DT06-2S	Connects to Fan Resistor
6	700000007	Connector, Deutsch DT06-6S	Connects to Fan Control Module
7	700000099	Connector, Deutsch DT06-2S	Connects to Fan Speed
8	700000099	Connector, Deutsch DT06-2S	Connects to Hyd Temp Switch
9	700000099	Connector, Deutsch DT06-2S	Connects to Fan Reverse Switch
10	760000045	Connector, Deutsch DRC26-60S07	Connects to Engine ECU
11	760000048	Connector, Packard 2Pos 12162197	Connects to CAC Temp Sensor
12	760000047	Connector Packard 3Pos 12110293	Connects to Coolant Level Sensor
13	700000099	Connector, Deutsch DT06-2S	Connects to Trans Temp Switch
14	750000030	Plug Molded Trianary Switch	Connects to A/C Trinary Switch
15	700060310	Terminal 3/16" Bullet 16-14 AWG	Connects to A/C Compressor
16	700000063	Connector, Deutsch HDP24-24-21Pn	Connects to Engine Harness
17	700000057	Connector, Deutsch DT04-12Pa	Connects to Accessory Harness
18	760000011	Connector, Carling 8 Pos VCH-01	Connects to Fan Reverse Switch
19	760000049	Connector, Framatome 54200415	Connects to Engine TBap Input
20	723000005	Ring Terminal, 5/16" 1/0 AWG	Connects to Alternator Charge
21	723000004	Ring Terminal, 1/4" 1/0 AWG	Connects to Alternator Ground
22	723000006	Ring Terminal 1/2" 1/0 AWG	Connects to Alternator Ground and Charge, Engine Power
23	700000058	Ring Terminal 1/4" 14 AWG	Connects to Starter Relay
24	700000078	Connector, Packard Relay 12077951	Connects to Starter Lockout and Starter Realy
25	700000060	Connector, # 10 Ring Terminal	Connects to Cold Start Ground and Could Start Power
26	723000007	Ring Terminal 5/16" 2 AWG	Connects to Cold Start Power
27	760000050	Connector Sumtomo 6098-0144	Connects to TBap Sensor
28	760000051	Connector 1/4" Fem Spade 22-18 AWG	Connects to Filter Indicator
29	770000004	Ring Terminal 5/16" 12-10 AWG	Connects to Block Ground
30	700000099	Connector, Deutsch DT06-2S	Connects to Destroke Valve
31	722000025	Connector Deutsch DTP06-2S	Connects to Highlight Power
	720000016	Harness Engine T4i Late 2013	Complete Harness
	700000158	Relay, starter	Not Shown

ZF Console Harness

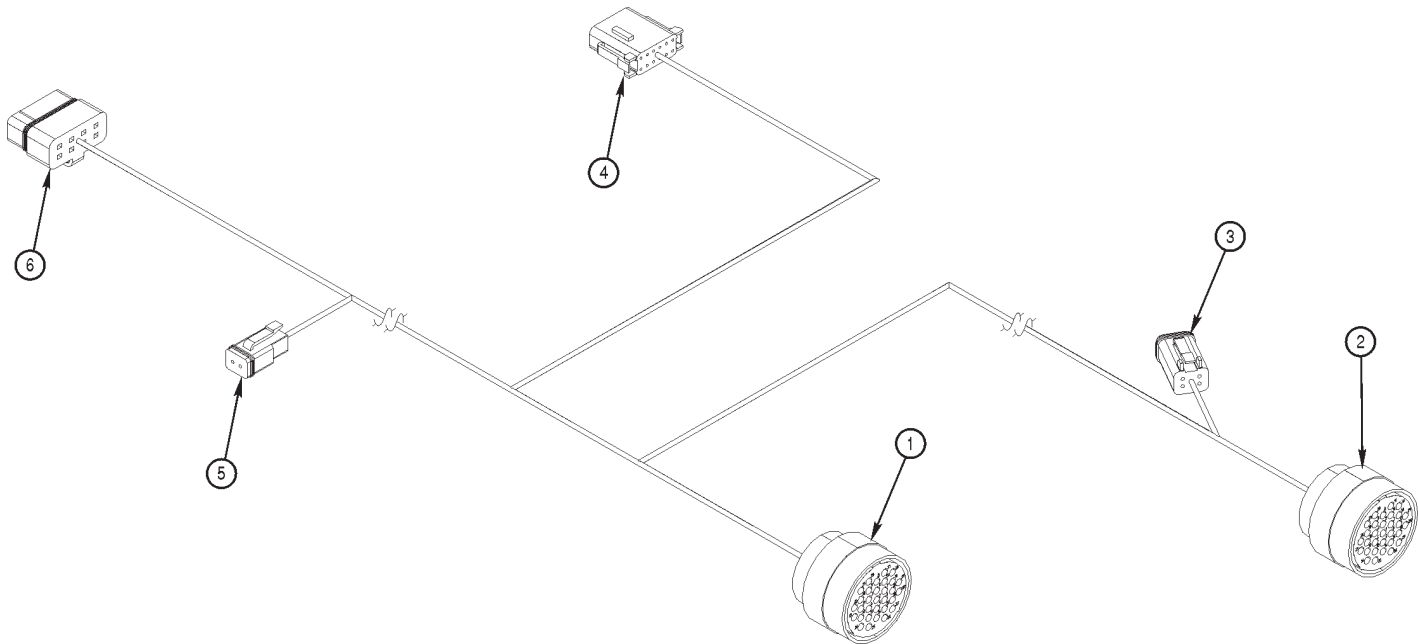
All Equipped Models



Item	Part Number	Description	Comments
1	700000083	Connector, Deutsch DRC12-70PA	Connects to Cab Harness
2	760000002	Connector, Deutsch HDP24-24-31PT	Connects to ZF Cab Harness
3	700000051	Connector, PS760 Diagnostic	Engine Diagnostic
4	700000084	Connector, Weatherpack 3 Pos	Connects to Analog Throttle
5	760000020	Connector, Amp MNL 6 Pos	ZF Diagnostic
6	760000019	Connector, Amp Timer 68 Pos	Connects to ZF TCU
7	700000043	Connector, Controller 22 Pin	Connects to ECU Power
8	700000042	Connector, Controller 20 Pin	Connects to Boom Functions
9	700000044	Connector, Controller 24 Pin	Connects to Transmission
10	700000008	Connector, 1/4" Female Spade	Connects to Lighter and Power point
	700000541	Harness, ZF Console	Complete Harness

ZF Cab Harness

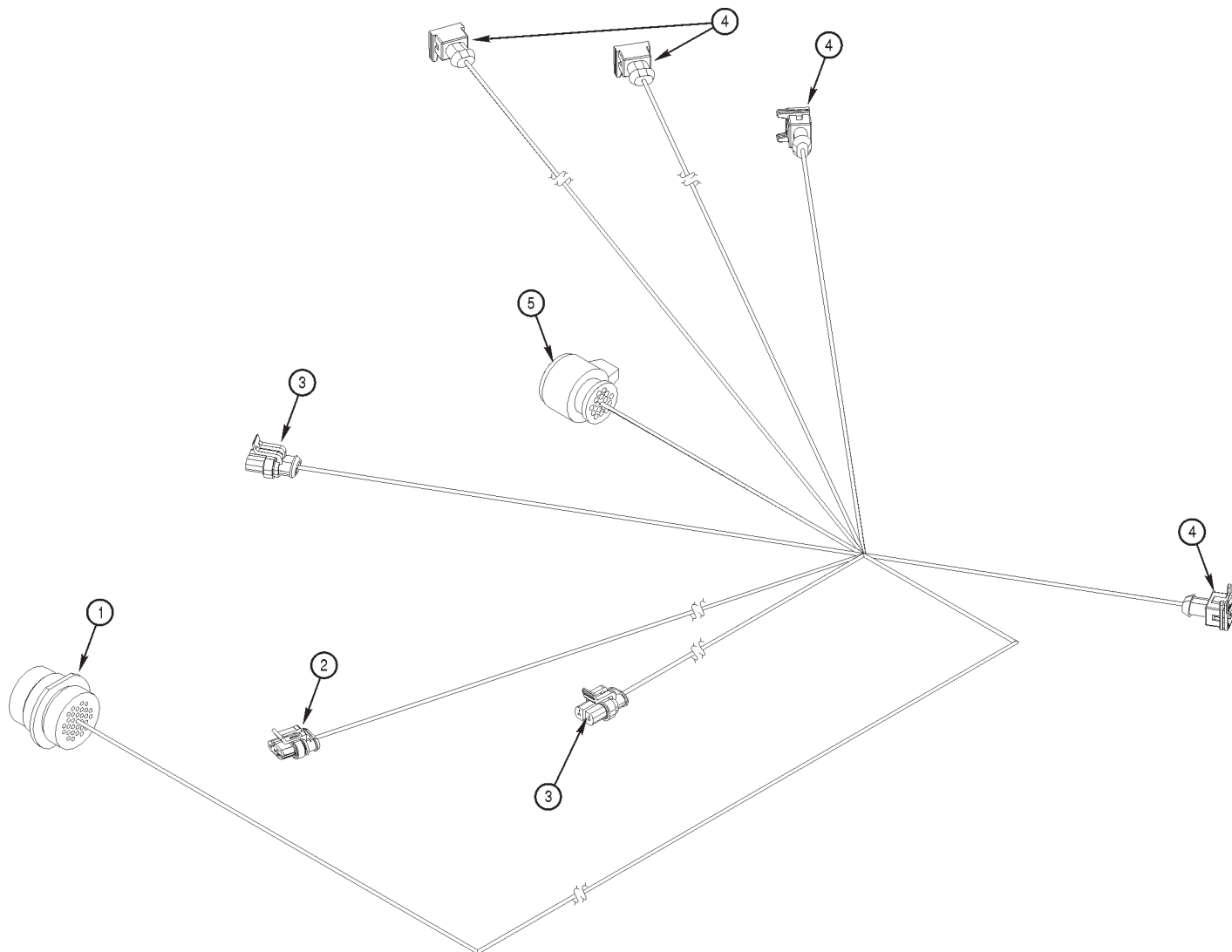
All Equipped Models



Item	Part Number	Description	Comments
1	700000206	Connector, Deutsch HD36-24-31ST	Connects to ZF Console
2	700000014	Connector, Deutsch HDP26-24-31ST	Connects to Cab Floor
3	700000079	Connector, Deutsch DT06-4S	Connects to ZF Display
4	700000115	Connector, Deutsch DTM06-12SA	Connects to Converter
5	700000099	Connector, Deutsch DT06-2S	Connects to Ignition Trip
6	760000021	Connector, Bussman 32006-E22	Connects to Yellow Bussman
	700000542	Harness, ZF Cab	Complete Harness

ZF Transmission Harness

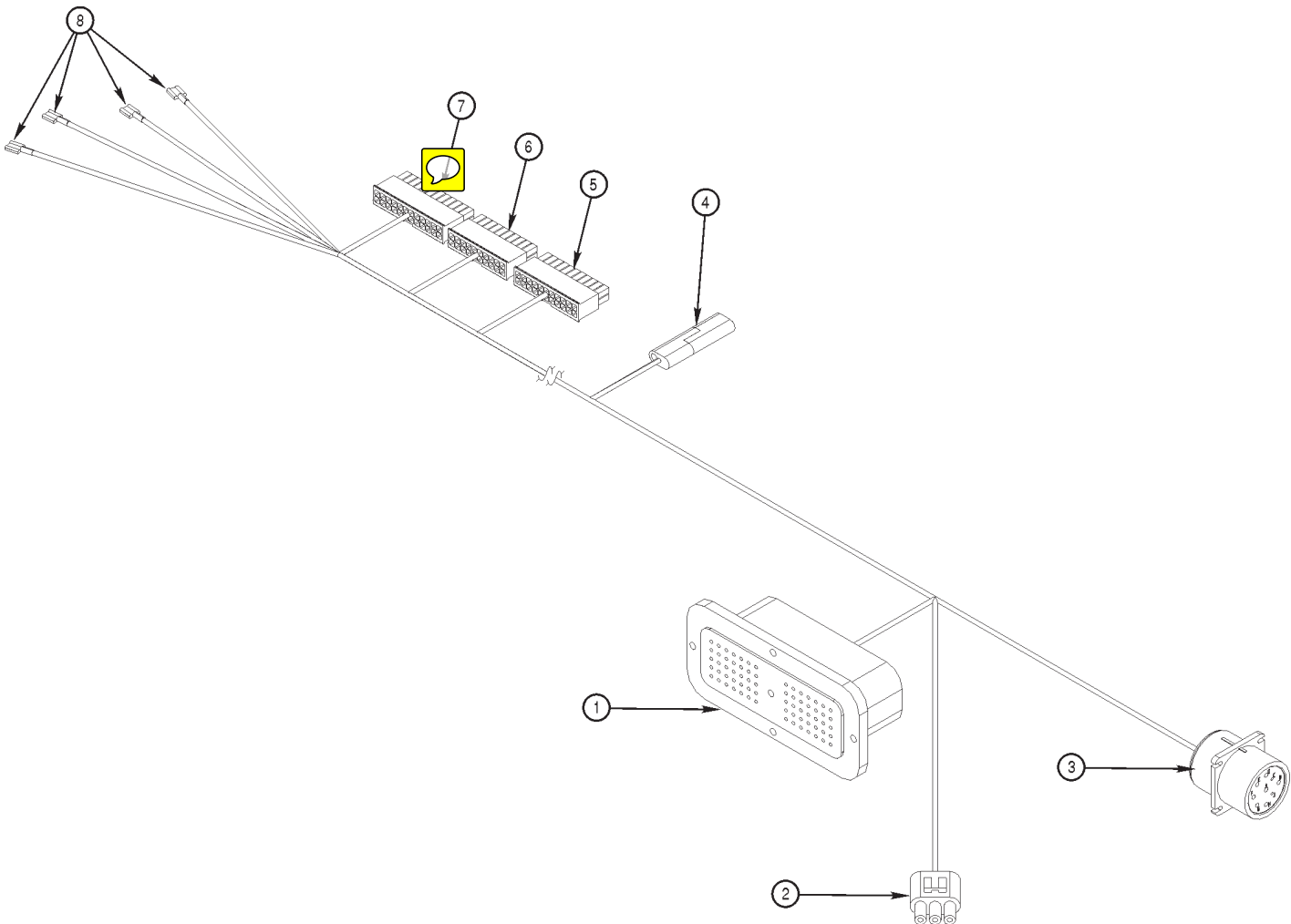
All Equipped Models



Item	Part Number	Description	Comments
1	700000207	Connector, Deutsch HD34-24-31PT	Connects to ZF Cab
2	760000024	Connector, Amp Superseal 3 Pos	Connects to Output Speed
3	760000023	Connector, Amp Superseal 2 Pos	Connects to Lockup Clutch and Filter Pressure
4	760000025	Connector Mini-Timer 2 Pos	Connects to Converter Temperature and Engine Speed, Turbine Speed and Internal Speed
5	760000022	Connector, Kostal 16 Pos	Connects to ZF Manifold
	700000543	Harness, ZF Transmission	Complete Harness

PS764 Console Harness

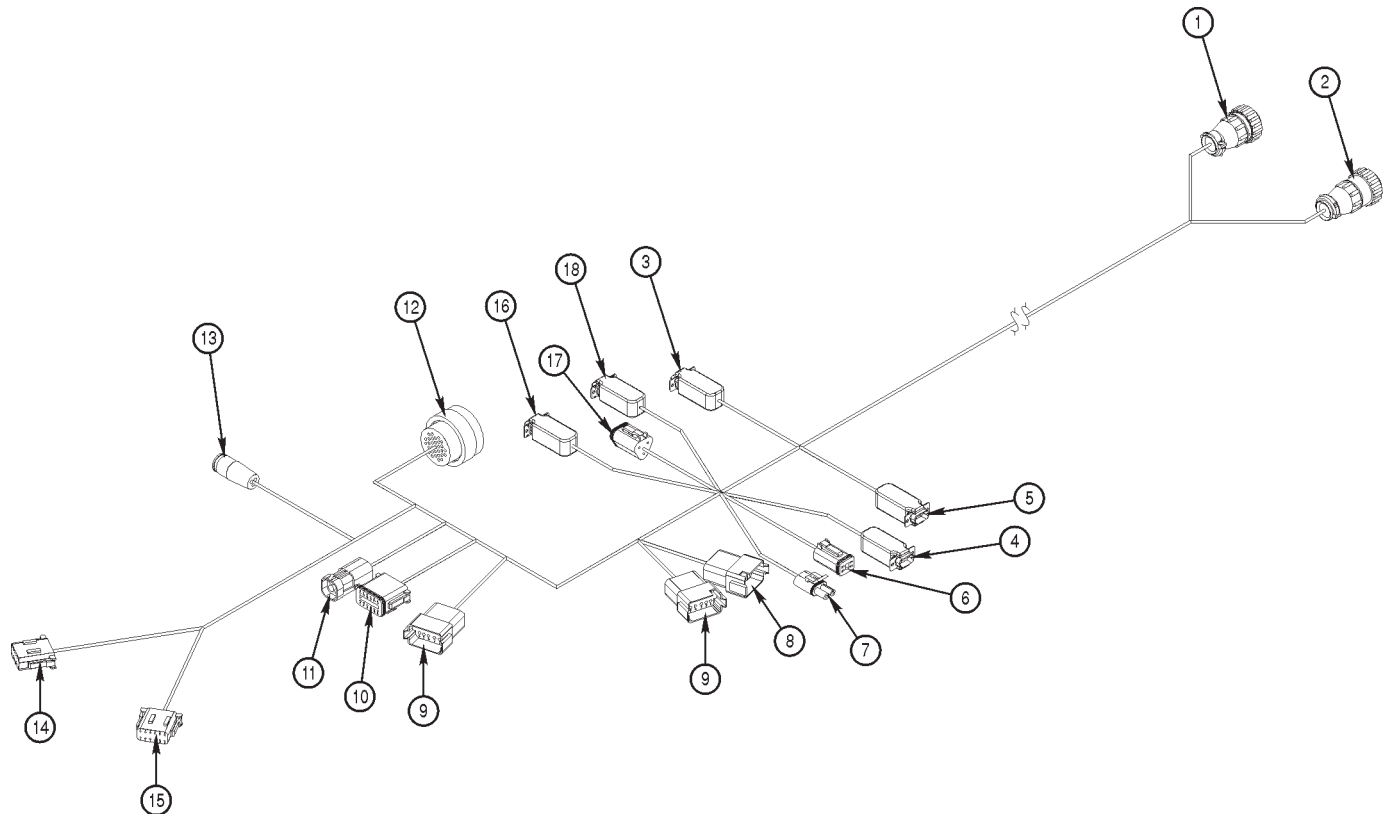
AS720



Item	Part Number	Description	Comments
1	700000083	Connector, Deutsch DRC12-70PA	Connects to Cab Harness
2	700000084	Connector, Weatherpack 3 Pos	Connects to Analog Throttle
3	700000051	Connector, PS760 Diagnostic	Diagnostic Plug
4	750000004	Resistor 4.7K 1/4W	Resistor between transmission speed power and transmission speed sense.
5	700000043	Connector, Controller 22-Pin	Connects to ECU Power
6	700000042	Connector, Controller 20-Pin	Connects to Boom Functions
7	700000044	Connector, Controller 24-Pin	Connects to Transmission
8	700000008	Connector, 1/4" Female Spade	Connects to Lighter and Power point
	700000540	Harness, PS764 Console	Complete Harness

Raven Cab Harness

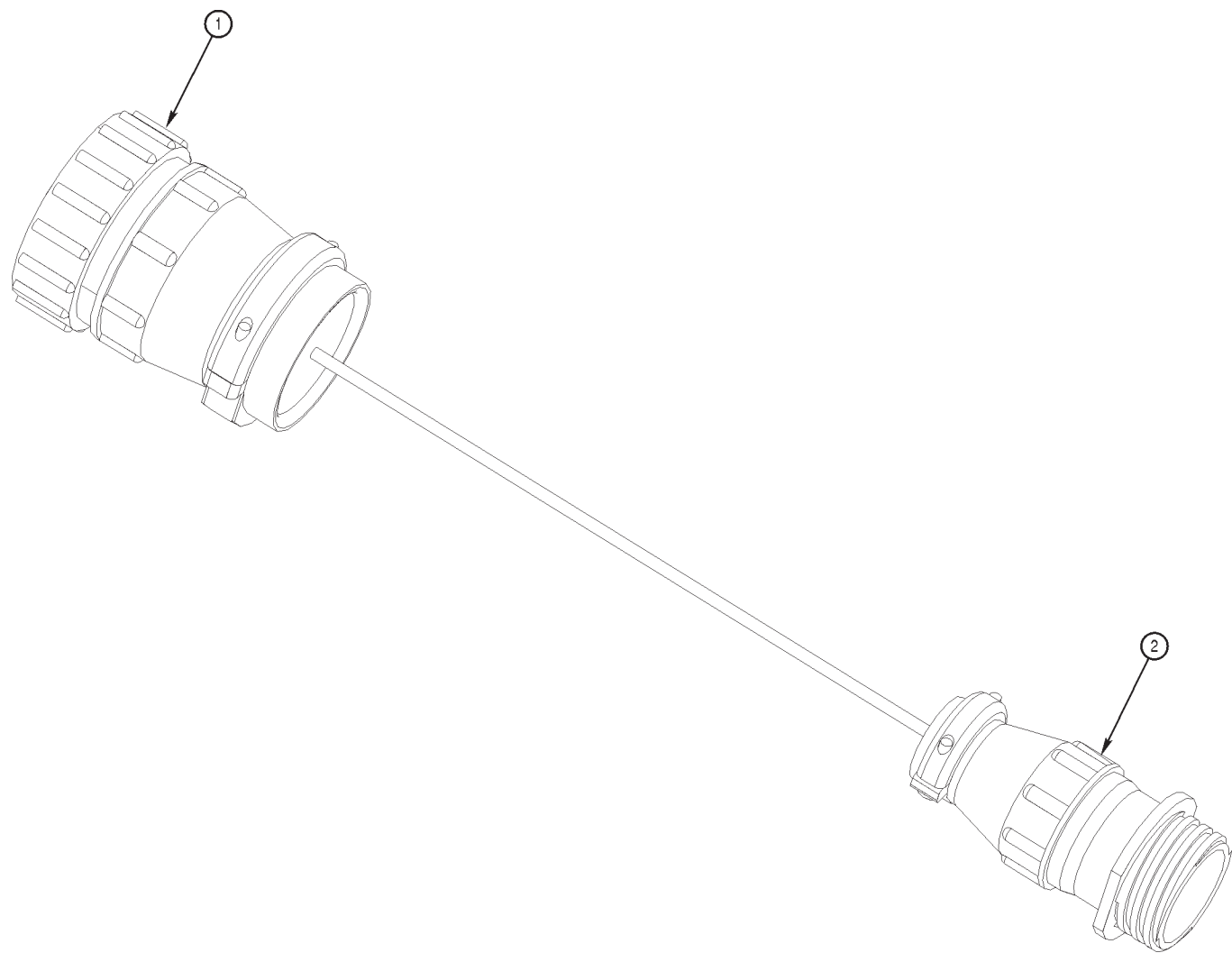
All Models



Item	Part Number	Description	Comments
1	700000117	Connector, AMP 206037-1 16 Pin Plug	Connects to Raven Console
2	700000133	Connector, AMP 206044-1 14 Pin Socket	Connects to Raven Console
3	760000035	Connector, 9 Pin Serial Receptacle	Connects to DGPS Out
4	700000088	Connector, 9 Pin Serial Receptacle	Connects to Comm 2 Serial Port
5	700000132	Connector, 9 Pin Serial Plug	Connects to Antenna/DGPS
6	700000079	Connector, Deutsch DT06-4S	Connects to Raven Can
7	700000005	Connector, Weatherpack 2 Pos Tower	Connects to Antenna Power
8	700000020	Connector, Deutsch DT04-12PC-B016	Connects to Switch box
9	700000156	Connector Deutsch DT04-12PC-CE07	Connects to Switch box
10	700000027	Connector, Deutsch DT06-12SA	Connects to Cab Harness
11	700000055	Connector, Weatherpack 4 Pos SH SQ	Connects to SmarTrax Power
12	760000041	Connector, Deutsch HDP36-24-31SE	Connects to Cab Floor
13	700000000	Connector, Raven Radar	Connects to Antenna Speed
14	700000116	Connector, Deutsch DTM06-12SB	Connects to Boom Node
15	700000115	Connector, Deutsch DTM06-12SA	Connects to Boom Node
16	700000132	Connector, 9 Pin Serial Plug	Connects to Light Bar
17	700000052	Connector, Deutsch DT06-3S	Connects to Modem Power
18	700000132	Connector, 9 Pin Serial Plug	Connects to RTK
	720000012	Harness, Raven Cab	Complete Harness

5000 Adapter Harness

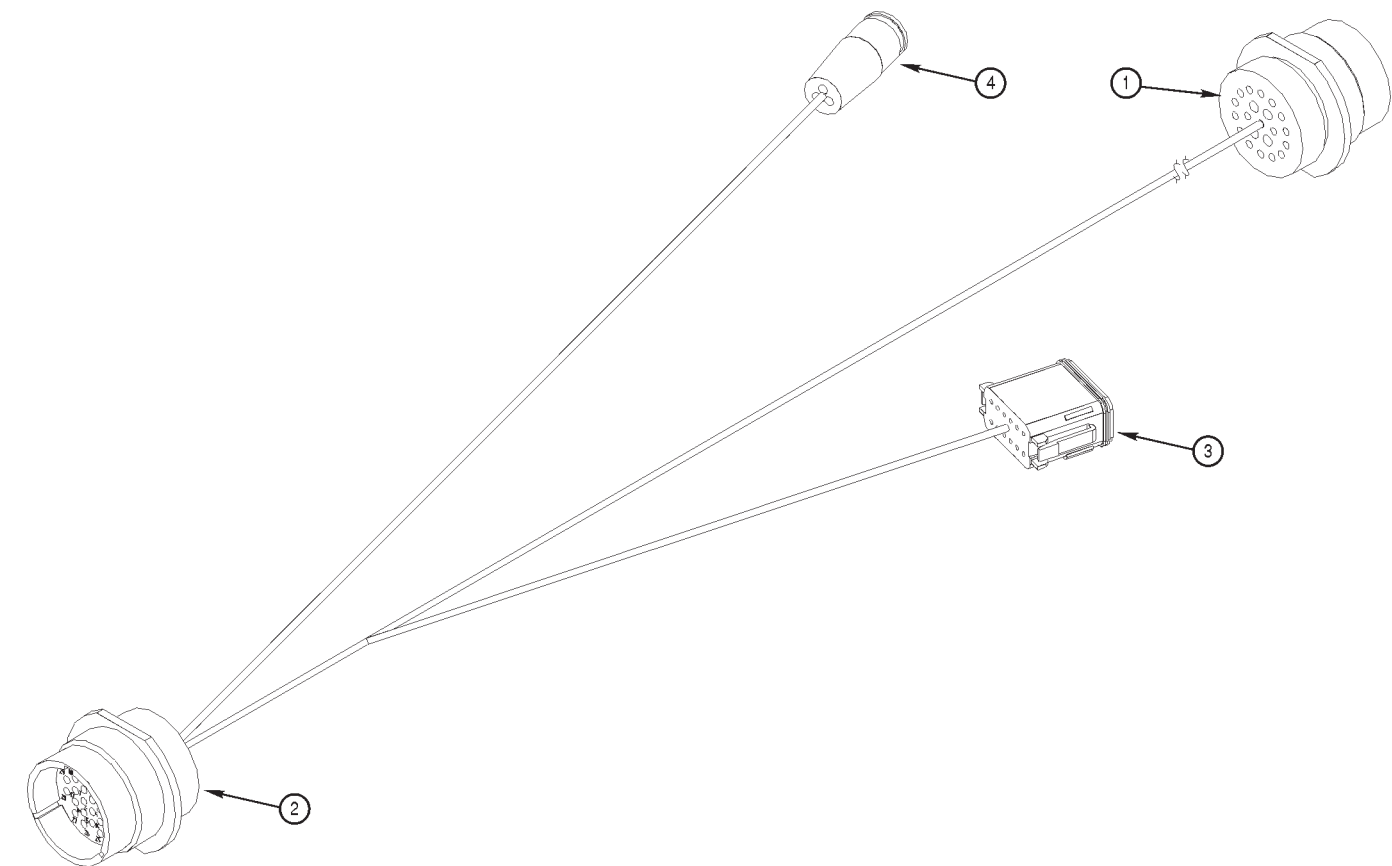
All Equipped Models



Item	Part Number	Description	Comments
1	700000023	Connector, Amp 37 Pin Plug	Connects to Console
2	760000044	Connector, AMP 206036-3 16 Pin Receptacle	Connects to Cab Main
	700000566	Harness, 5000 Adapter	Complete Harness

Raven Frame Harness

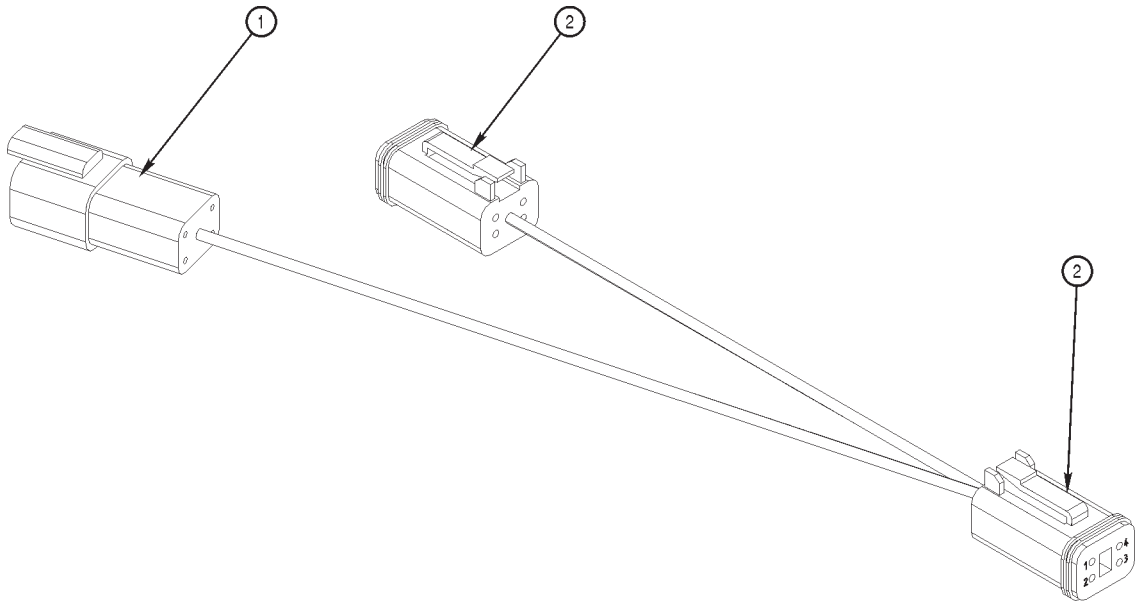
All Models



Item	Part Number	Description	Comments
1	700000114	Connector, Deutsch HD34-24-21PN	Connects to Cab Floor
2	760000026	Connector, Deutsch HDP24-24-31PE	Connects to Boom Connection
3	760000027	Connector, Deutsch DT06-12SB	Connects to SmarTrax
4	700000000	Connector, Raven Radar	Connects to Radar
	700000547	Harness, Raven Frame	Complete Harness

CAN Tee Option Harness

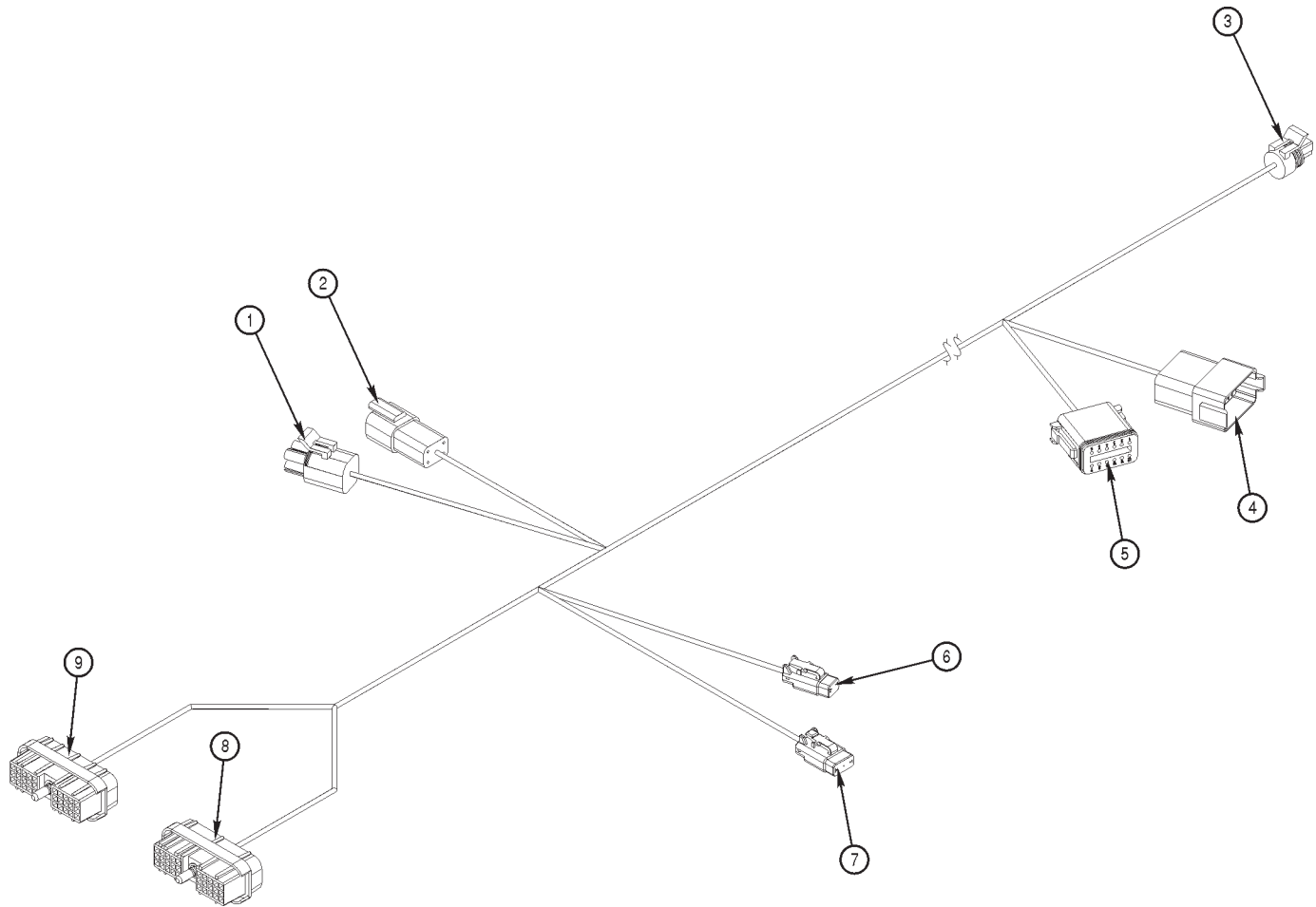
All Models



Item	Part Number	Description	Comments
1	700000085	Connector, Deutsch 4-Way Receptacle	CAN Signal In
2	700000079	Connector, Deutsch DT06-4S	CAN Signal Out
	740000047	Terminator, CAN	Not shown
	700000517	Harness, CAN Tee Option	Complete Harness

Product Control Level II Harness

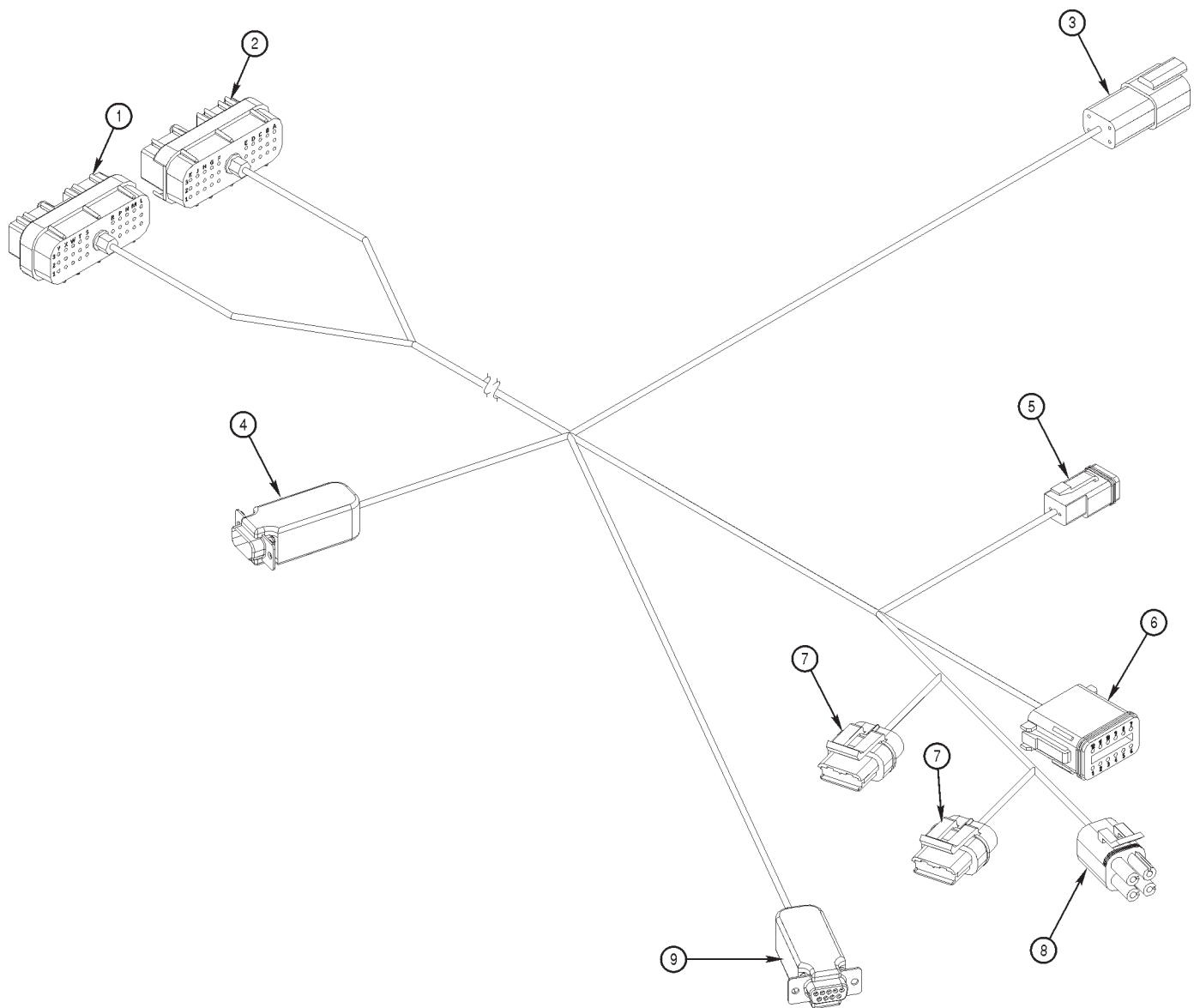
All Models



Item	Part Number	Description	Comments
1	700000068	Connector, Weatherpack 4 Pos TW SQ	Connects to Power
2	700000085	Connector, Deutsch 4 Way Receptacle	Connects to Can Connection
3	700000136	Connector, Metri-Pack 3 Pos TO	Connects to Pressure Sensor
4	700000057	Connector, Deutsch DT04-12PA	Connects to Boom Harness
5	700000027	Connector, Deutsch DT06-12SA	Connects to Control Harness
6	700000099	Connector, Deutsch DT06-2S	Connects to Control Valve
7	700000159	Connector, Deutsch DTM06-3S	Connects to Flow Meter
8	760000000	Connector Metri-Pack 30 Pin A	Connects to Product Node 1
9	760000001	Connector Metri-Pack 30 Pin B	Connects to Product Node 2
	700000575	Harness Product Control Level II 2013	Complete Harness

SmarTrax Cab Harness

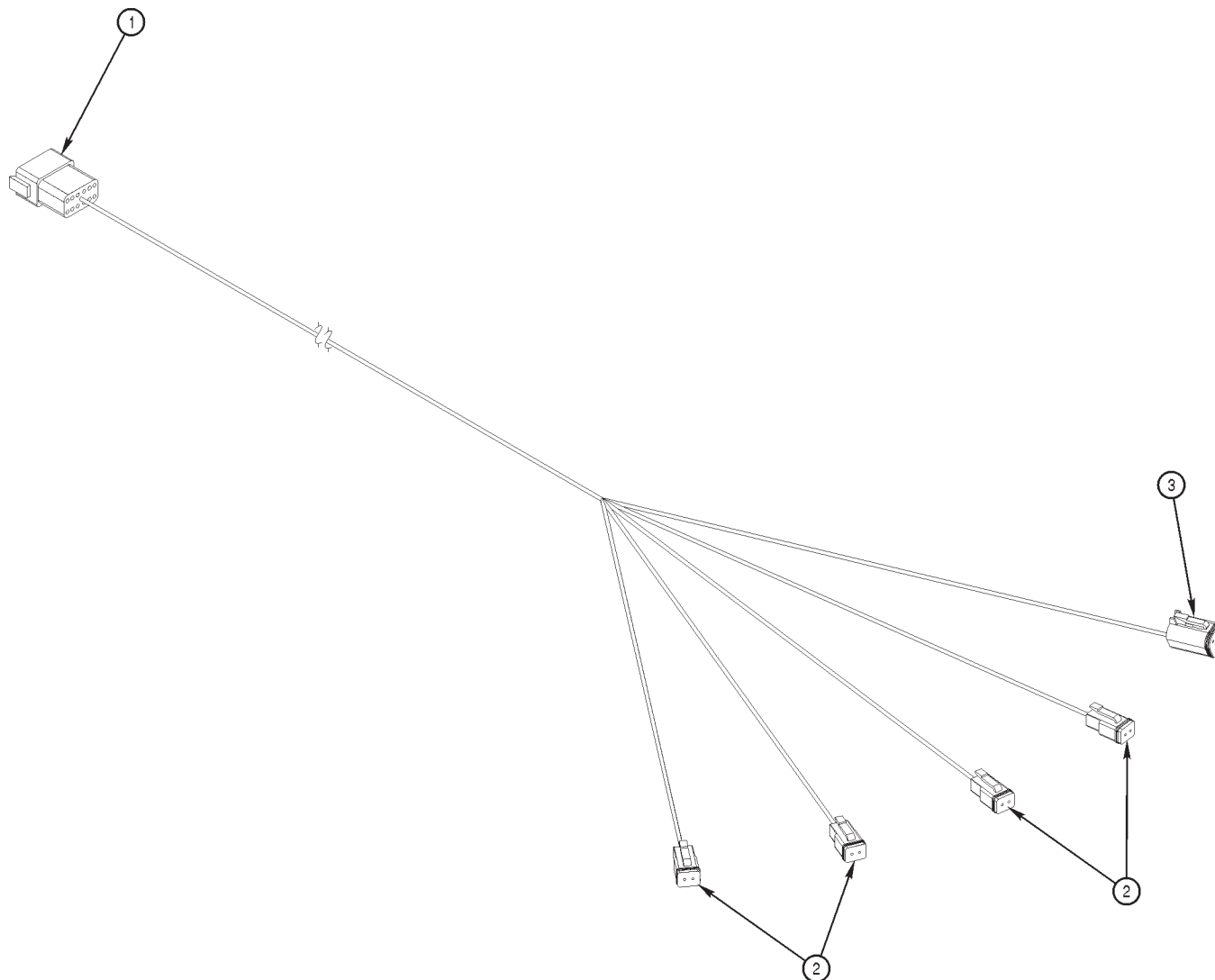
All Equipped Models



Item	Part Number	Description	Comments
1	760000001	Connector, Metri-Pack 30 Pin B	SmarTrax Node #2
2	760000000	Connector, Metri-Pack 30 Pin A	SmarTrax Node #1
3	700000139	Connector, Deutsch DTP04-4P	Can Connection
4	700000132	Connector, 9 Pin Serial Plug	DGPS
5	700000099	Connector, Deutsch DT06-2S	Foot Switch
6	760000027	Connector, Deutsch DT06-12SB	Raven Cab Harness
7	700000080	Connector, Packard 15300027	Low and High Current Power
8	700000068	Connector, Weatherpack 4 Pos TW SQ	Power
9	760000035	Connector 9 Pin Serial Receptacle	DGPS out
	700000561	Harness, SmarTrax Cab	Complete Harness

SmarTrax Valve Harness

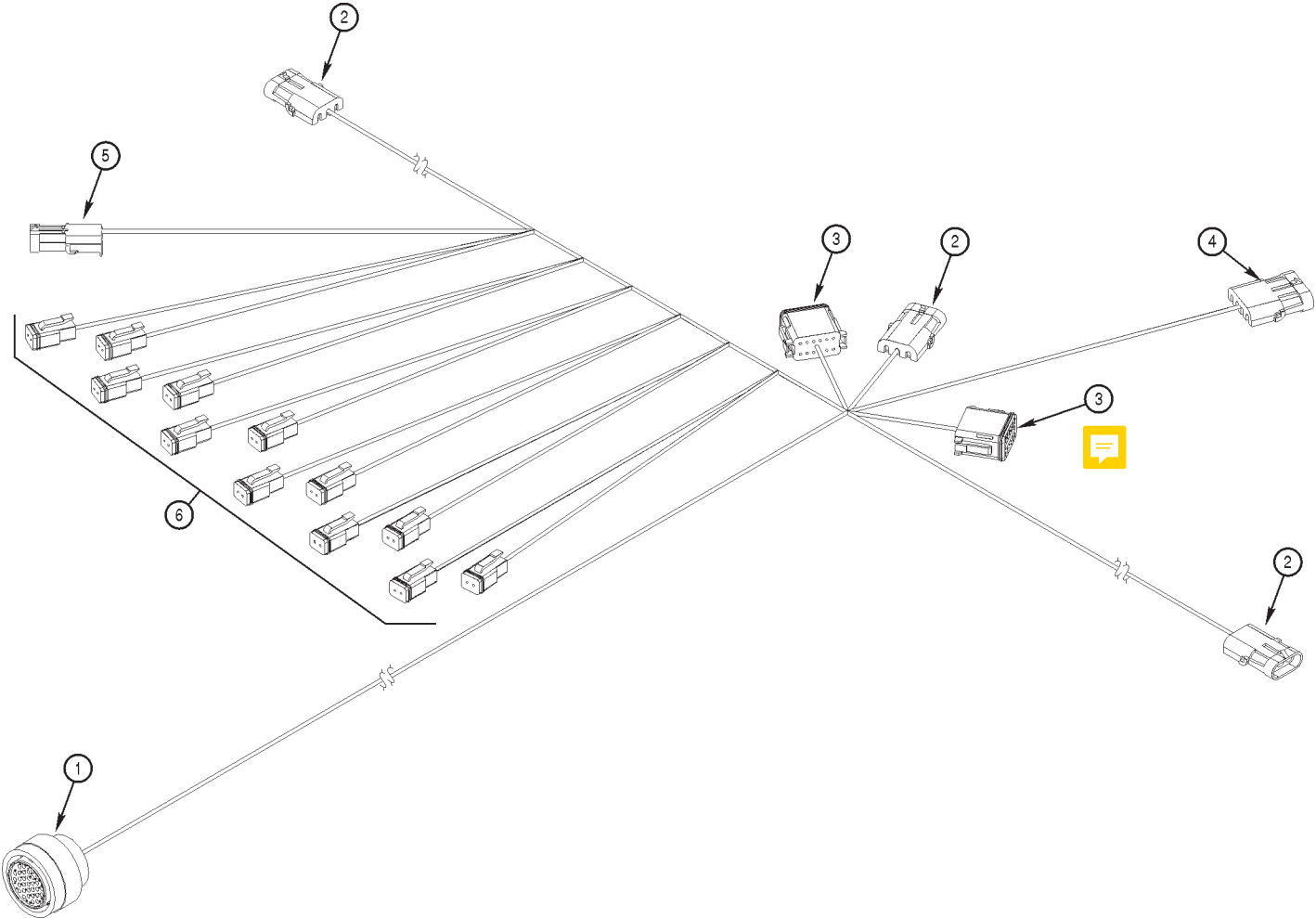
All Equipped Models



Item	Part Number	Description	Comments
1	700100159	Connector, Deutsch DT04-12PB	Raven Frame Harness
2	700000099	Connector, Deutsch DT06-2S	Left Inner, Right outer, Port 1A and 1B
3	700000143	Connector, Deutsch DT06-3S	PSI
	700000562	Harness, SmarTrax Valve	Complete Harness

Boom Harness

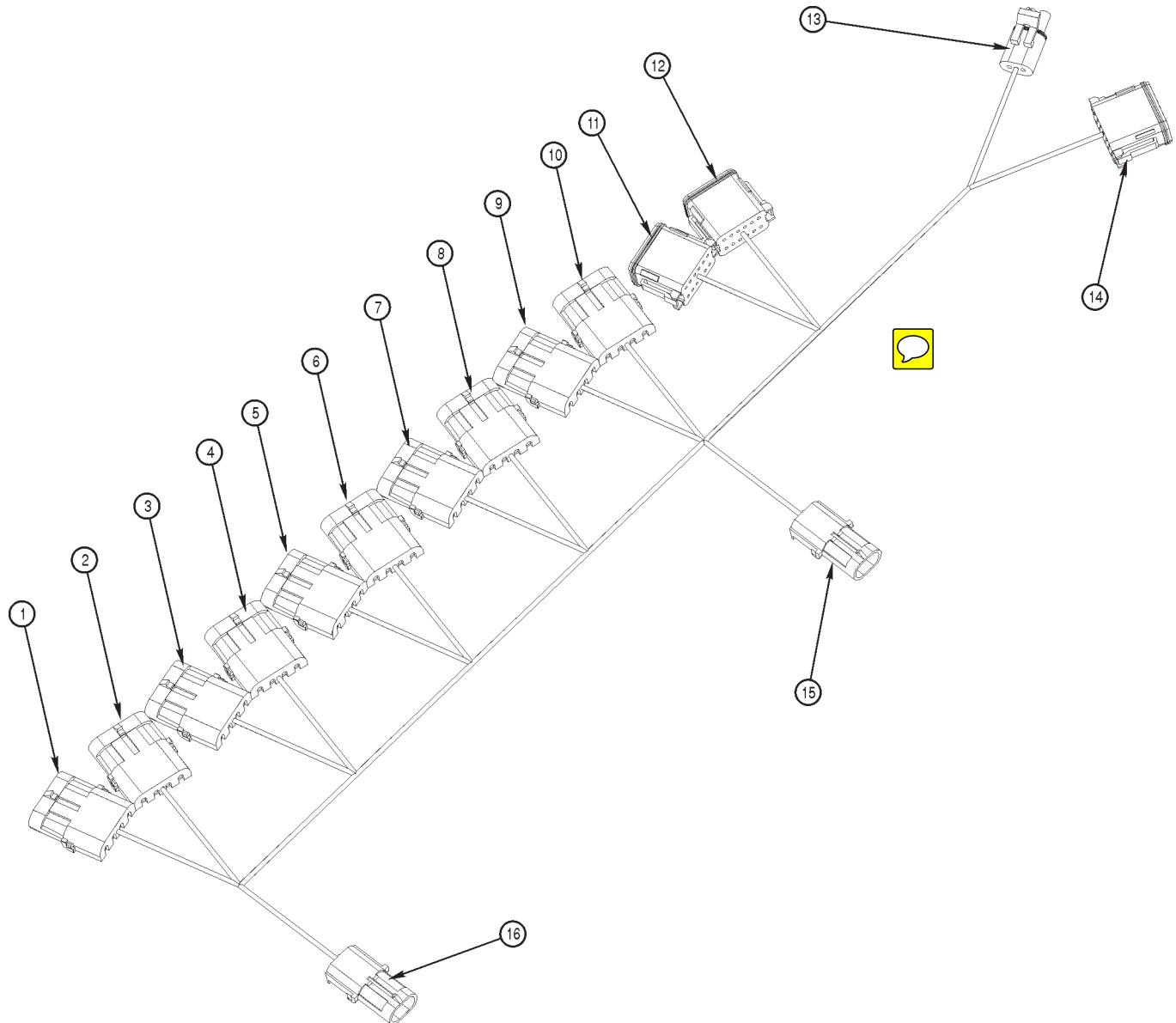
All Models



Item	Part Number	Description	Comments
1	700000206	Connector, Deutsch HD36-24-31ST	Connects to Main Harness
2	700000031	Connector, Weatherpack 3 Pos	Connects to Foamer, Left and Right Turn
3	700000027	Connector, Deutsch DT06-12SA	Ground Junction 1 and 2
4	700000054	Connector, Weatherpack 4 Pos	Connects to Flowback
5	700000026	Connector, Weatherpack 2 Pos	Connects to Boom Valve Power
6	700000099	Connector, Deutsch DT06-2S	Boom IN and OUT Functions
	700000544	Harness, Boom	Complete Harness

Boom Section Harness

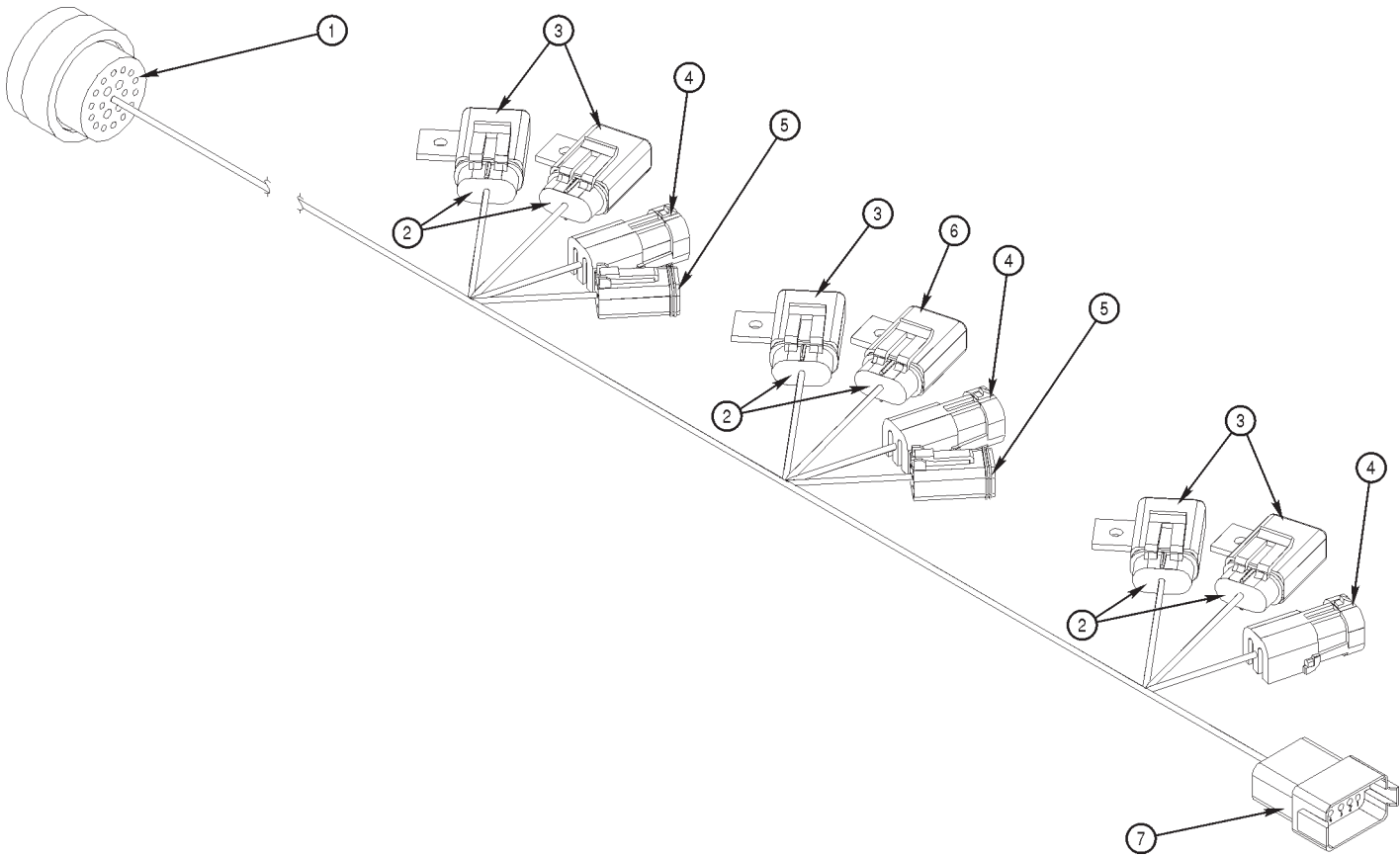
All Models



Item	Part Number	Description	Comments
1	700000054	Connector, Weatherpack 4 Pos Shroud	Connects to Boom Section 1
2	700000054	Connector, Weatherpack 4 Pos Shroud	Connects to Boom Section 2
3	700000054	Connector, Weatherpack 4 Pos Shroud	Connects to Boom Section 3
4	700000054	Connector, Weatherpack 4 Pos Shroud	Connects to Boom Section 4
5	700000054	Connector, Weatherpack 4 Pos Shroud	Connects to Boom Section 5
6	700000054	Connector, Weatherpack 4 Pos Shroud	Connects to Boom Section 6
7	700000054	Connector, Weatherpack 4 Pos Shroud	Connects to Boom Section 7
8	700000054	Connector, Weatherpack 4 Pos Shroud	Connects to Boom Section 8
9	700000054	Connector, Weatherpack 4 Pos Shroud	Connects to Boom Section 9
10	700000054	Connector, Weatherpack 4 Pos Shroud	Connects to Boom Section 10
11	700000027	Connector, Deutsch DT06-12SA	Connects to Power Junction
12	700000027	Connector, Deutsch DT06-12SA	Connects to Ground Junction
13	700000005	Connector, Weatherpack 2 Pos Tower	Connects to Power/Ground
14	700000027	Connector, Deutsch DT06-12SA	Connects to Boom Logic
15	700000026	Connector, Weatherpack 2 Pos Shroud	Connects to Right Fence Row
16	700000026	Connector, Weatherpack 2 Pos Shroud	Connects to Left Fence Row
	700000528	Harness, Boom Section	Complete Harness

Raven Control Boom Harness

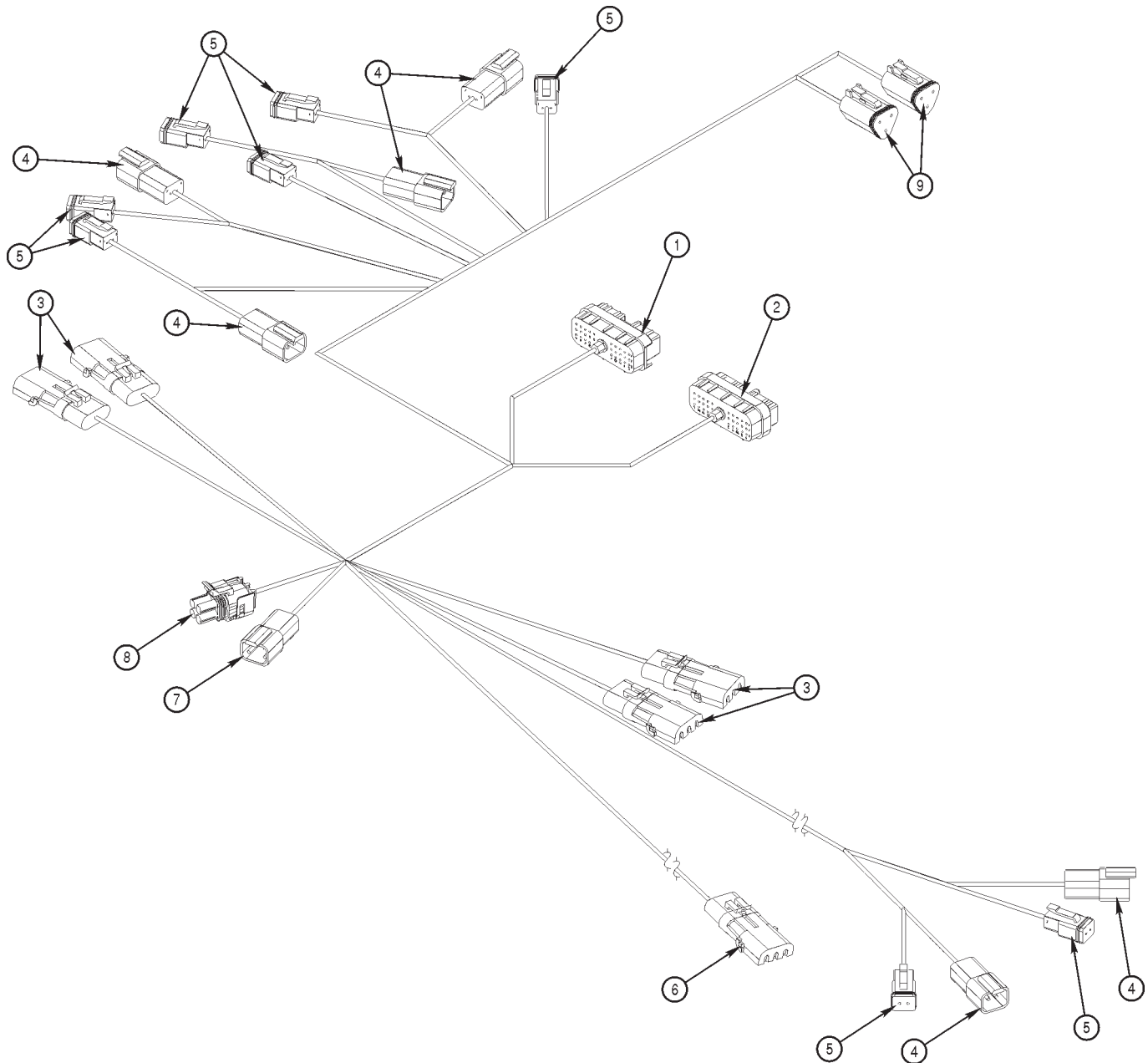
All Models



Item	Part Number	Description	Comments
1	700000149	Connector, Deutsch	Connects to Raven Frame Harness
2	700000154	Connector, Fuse Holder	AutoBoom/AccuBoom Control Logic and High Current
3	700000113	Cap, In-line fuse	AutoBoom/AccuBoom Control Logic and High Current
4	700000055	Connector, Weatherpack 4 Pos SH SQ	Connects to AccuBoom Power
5	700000079	Connector, Deutsch DT06-4S	Connects to CAN 1 and 2
6	700000065	Connector, Fuse Holder Cummins	Connects to AutoBoom High Current
7	700000057	Connector, Deutsch DT04-12PA	Connects to Boom Logic
	700000487	Harness, Raven Control Boom	Complete Harness

AutoBoom Harness

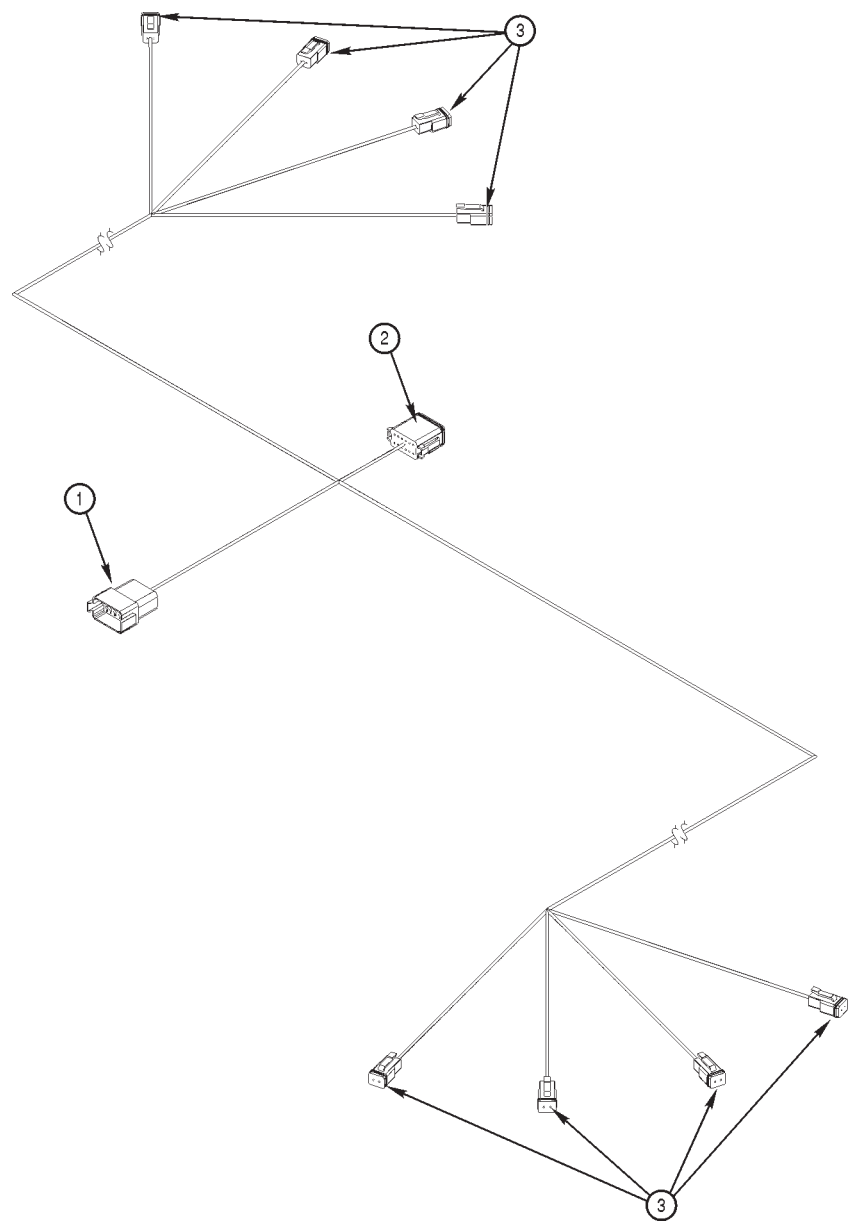
All Equipped Models



Item	Part Number	Description	Comments
1	760000000	Connector, Metri-Pack 30 Pin A	Connects to AutoBoom Node
2	760000001	Connector, Metri-Pack 30 Pin B	Connects to AutoBoom Node
3	700000084	Connector, Weatherpack 3 Pos	Connects to L and R Inner and Outer Sensors
4	700000024	Connector, Deutsch DT04-2P	Connects to L and R Solenoid Jump, Center Rack Up/Down
5	700000099	Connector, Deutsch DT06-2S	Rack Up/Down, L and R Prop Valve, L and R Sense Solenoid
6	700000084	Connector, Weatherpack 3 Pos Tower	Connects to Center Rack Sensor
7	700000085	Connector, Deutsch 4 Way Receptacle	Connects to Can Connector
8	700000068	Connector, Weatherpack 4 Pos	Connects to Power
9	700000143	Connector, Deutsch DT06-3S	Connects to L and R Press
	700000574	Harness, AutoBoom 2013	Complete Harness

Adjust On the Go Harness

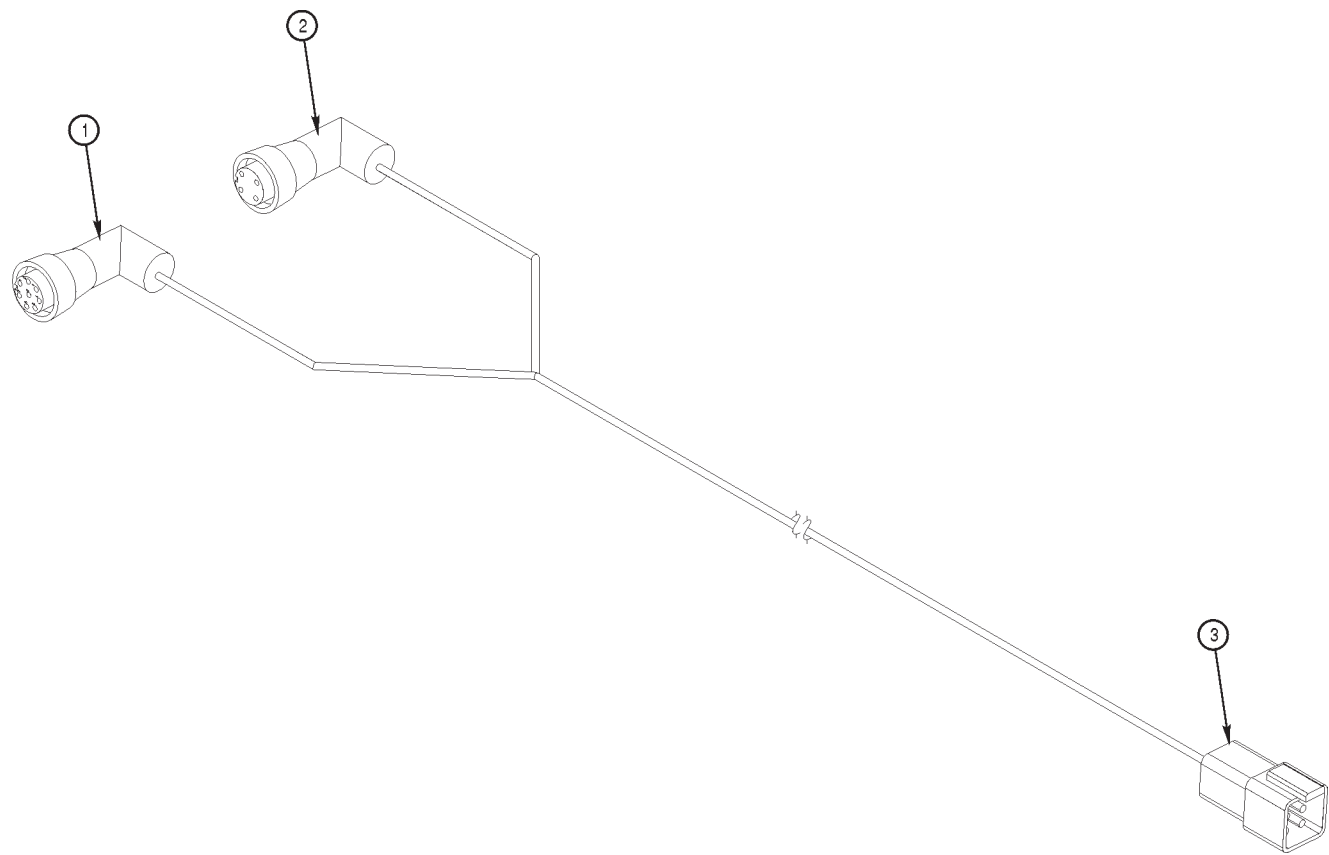
All Equipped Models



Item	Part Number	Description	Comments
1	700000057	Connector, Deutsch DT04-12PA	Connects to Main Harness
2	700000027	Connector, Deutsch DT06-12SA	Connects to Ground Junction
3	700000099	Connector, Deutsch DT06-2S	Wheels IN and OUT Functions
	700000545	Harness, Adjust on the Go	Complete Harness

Trimble AutoBoom (Stand-alone)

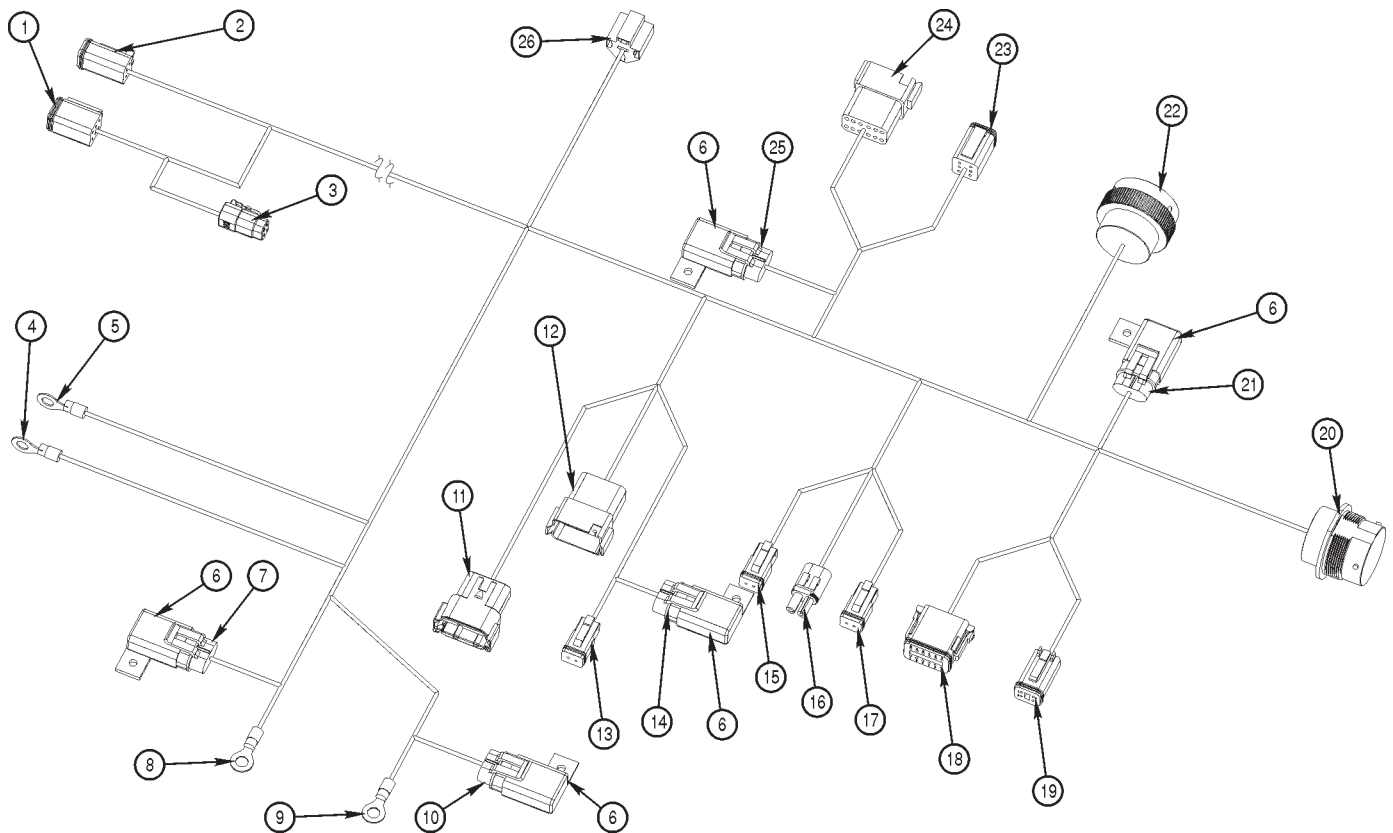
All Equipped Models



Item	Part Number	Description	Comments
1	722000003	Connector Conxall 8 Pos 90	Connects to AutoBoom Console
2	722000004	Connector Conxall 4 Pos 90	Connects to AutoBoom Console
3	700000094	Connector Deutsch DT04-6P	Connects to Trimble Cab
	720000001	AutoBoom Standalone Trimble	Complete Harness

Trimble Cab Harness

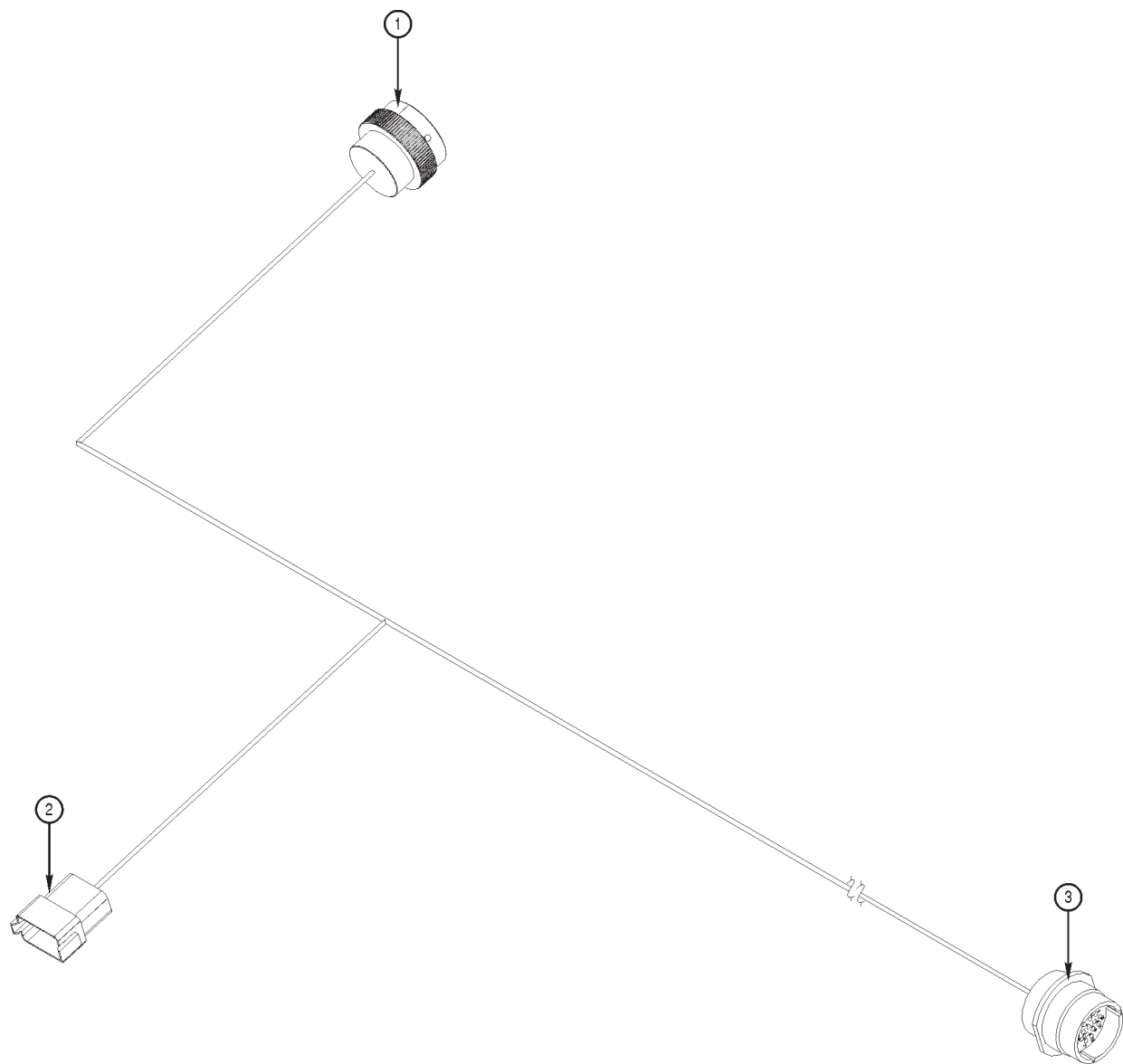
All Equipped Models



Item	Part Number	Description	Comments
1	700000007	Connector, Deutsch DT06-6S	Connects to CFX
2	700000079	Connector, Deutsch DT06-4S	Connects to FMX
3	722000005	Connector, Deutsch DTM06-4S	Connects to CFX CAN
4	723000003	Ring Terminal 3/8"	Connects to ECU Ground
5	723000003	Ring Terminal 3/8"	Connects to HC Ground
6	700000113	Cap, Inline Fuse	Used with 700000065
7	700000065	Connector Fuse Holder	Connects to HC Power
8	700000015	Ring Terminal 5/16"	Connects to HC Power
9	700000015	Ring Terminal 5/16"	Connects to ECU Power
10	700000065	Connector, Fuse Holder	Connects to ECU Power
11	722000006	Connector, Deutsch DTM04-12PB	Connects to Spare Sensor
12	722000009	Connector, Deutsch DT04-12PD	Connects to Nav II Main
13	700000099	Connector, Deutsch DT06-2S	Connects to Power Out
14	700000065	Connector, Fuse Holder	Connects to Power Out 10 AMP
15	700000099	Connector, Deutsch DT06-2S	Connects to Power Out
16	700000005	Connector, Weatherpack 2 Pos Tower	Connects to Ignition Power
17	700000099	Connector, Deutsch DT06-2S	Connects to Power Out
18	700000027	Connector, Deutsch DT06-12SA	Connects to Cab Harness
19	700000079	Connector, Deutsch DT06-4S	Connects to Raven CAN
20	722000007	Connector, Deutsch 24-24-47PE	Connects to Cab Floor
21	700000065	Connector, Fuse Holder	Connects to High Current Node 25 AMP
22	722000008	Connector, Deutsch 26-24-47SE	Connects to Field IQ
23	700000007	Connector, Deutsch DT06-6S	Connects to Raven Autoboam
24	700100156	Connector, Deutsch DT04-12PD-B016	Connects to Switchbox
25	700000065	Connector, Fuse Holder	Connects to Master Spray 7.5 AMP
26	700000092	Connector, Relay Base 5-Way	Connects to Power Relay
	720000002	Harness Trimble Cab	Complete Harness

Trimble Frame Harness

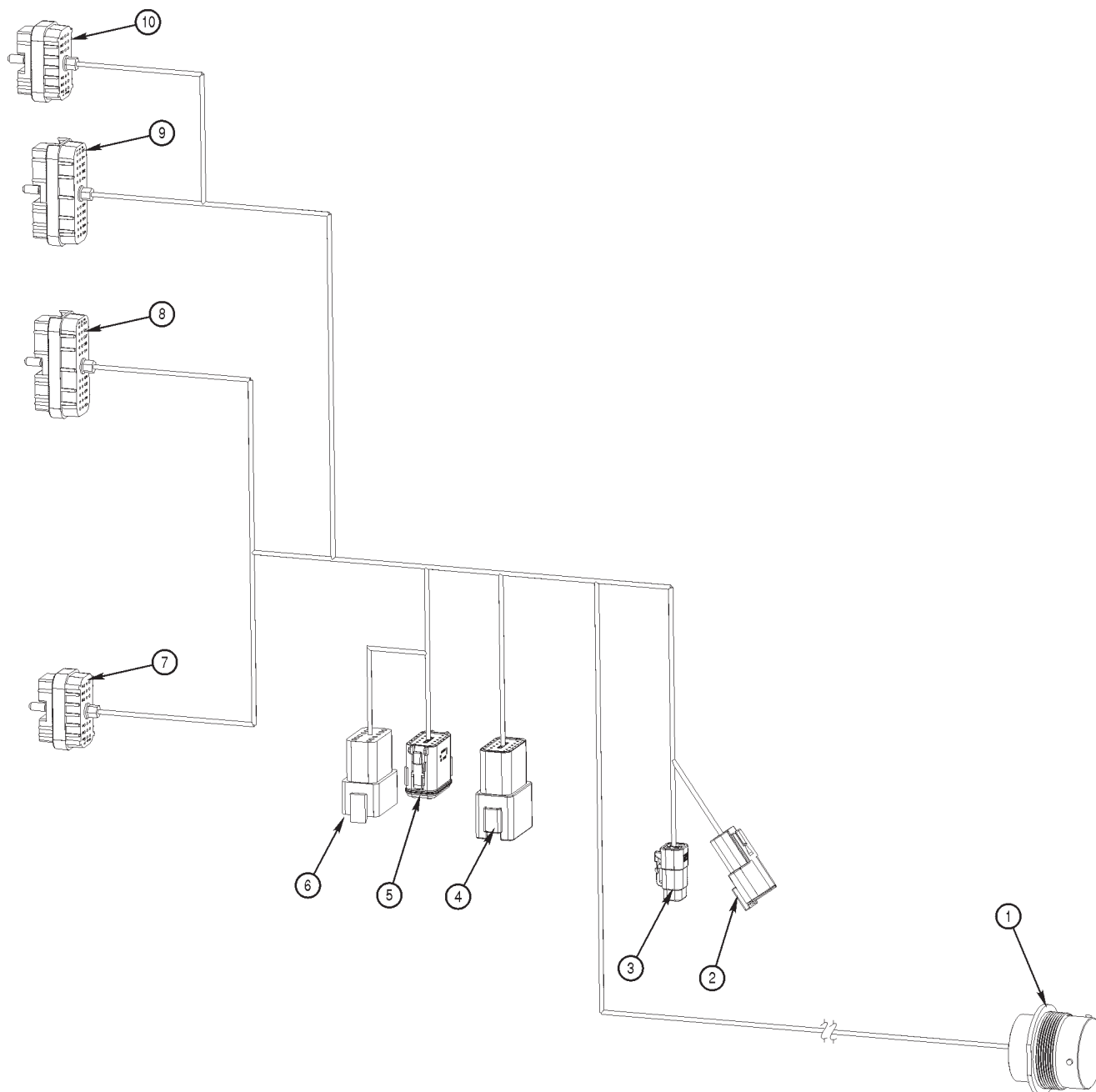
All Equipped Models



Item	Part Number	Description	Comments
1	722000008	Connector, Deutsch HDP26-24-47SE	Connects to Cab Floor
2	700000057	Connector, Deutsch DT04-12PA	Connects to Auto Pilot
3	760000026	Connector, Deutsch HDP24-24-31PE	Connects to Boom Connection
	720000003	Harness Trimble Frame	Complete Harness

Trimble Cab Field IQ Harness

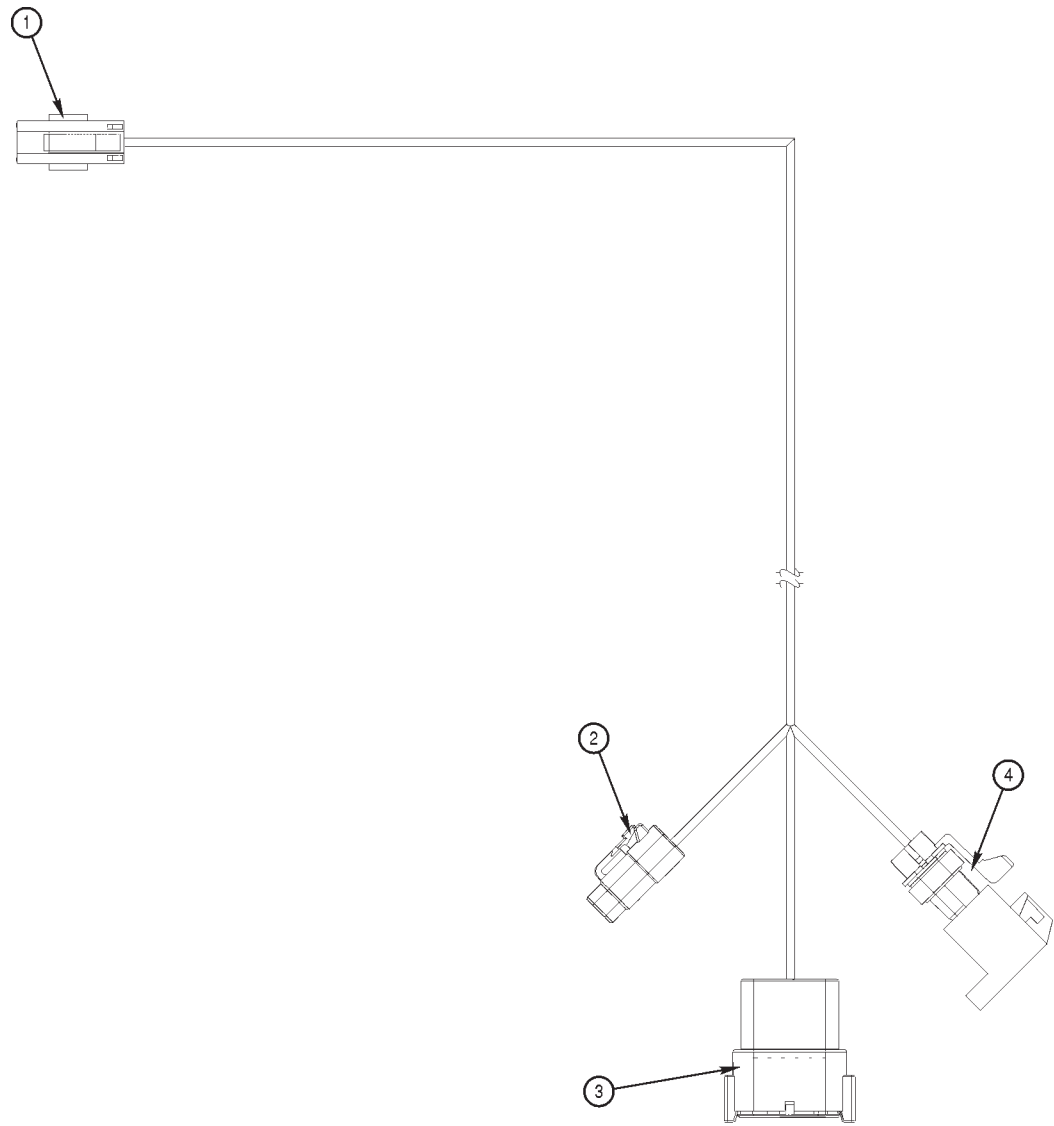
All Equipped Models



Item	Part Number	Description	Comments
1	722000007	Connector, Deutsch HDP24-24-47PE	Connects to Main
2	722000010	Connector, Deutsch DTM04-4P	Connects to CAN
3	722000005	Connector, Deutsch DTM06-4S	Connects to CAN
4	700000020	Connector, Deutsch DT04-12PC-B016	Connects to Switchbox
5	722000011	Connector, Deutsch DT06-12SD-B016	Switchbox to Cab Main
6	700100156	Connector, Deutsch DT04-12PD-B016	Connects to Switchbox
7	722000012	Connector, Metri-Pack	Connects to Rate & Section Module
8	760000000	Connector, Metri-Pack 30 Pin A	Connects to Rate & Section Module
9	760000000	Connector, Metri-Pack 30 Pin A	Connects to S.I.M
10	722000012	Connector, Metri-Pack	Connects to S.I.M
	720000004	Harness Trimble Cab Field IQ	Complete Harness

Trimble Display Field IQ Harness

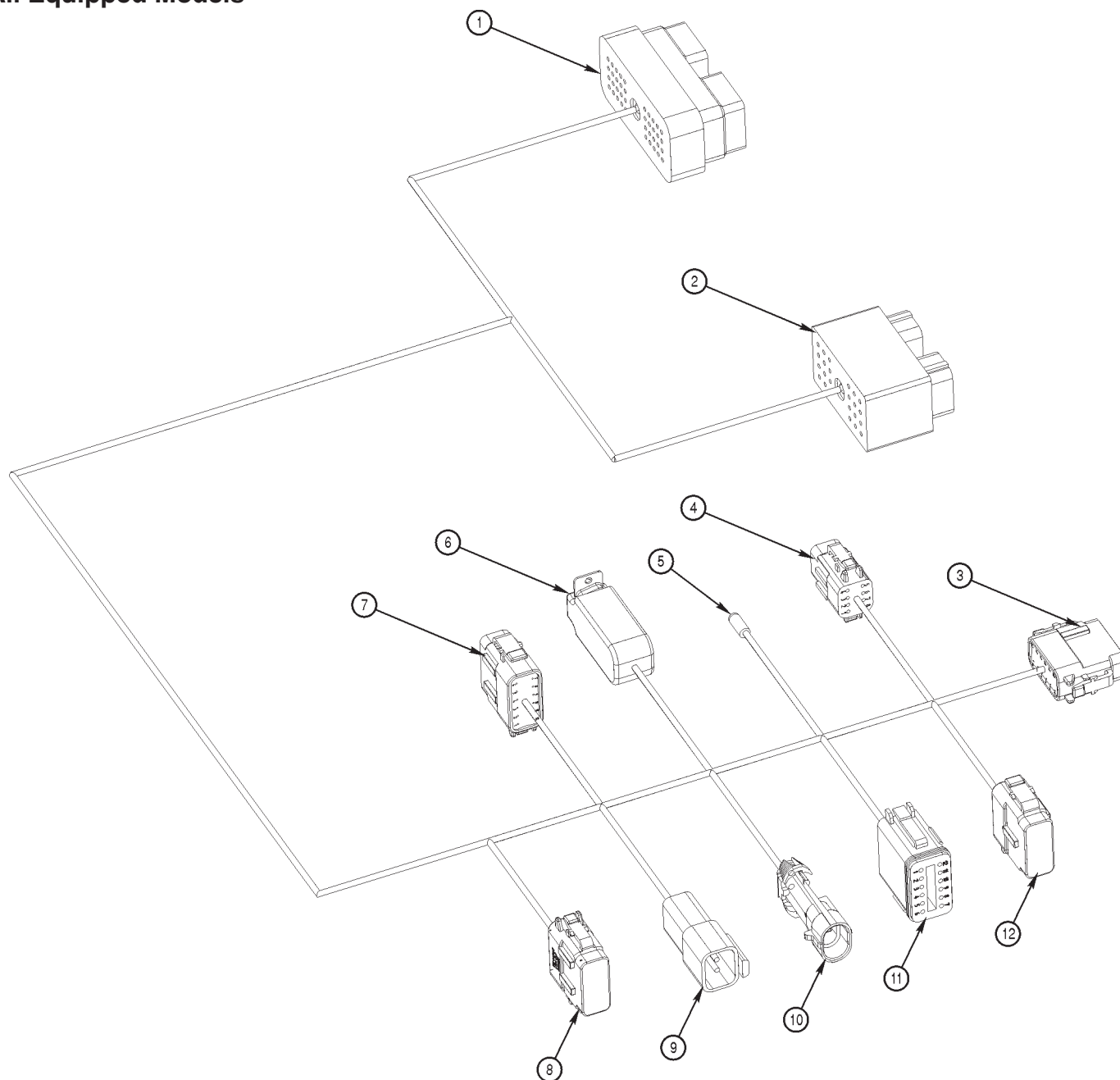
All Equipped Models



Item	Part Number	Description	Comments
1	700000115	Connector, Deutsch DTM06-12SA	Connects to Display
2	722000005	Connector, Deutsch DTM06-4S	Connects to CAN
3	722000013	Connector, Deutsch HDP24-24-31PE	Connects to Port Rep
4	760000043	Connector, Delphi 6 Pos	Connects to TBC
	720000005	Harness Trimble Display Field IQ	Complete Harness

Trimble Nav Cont II Harness

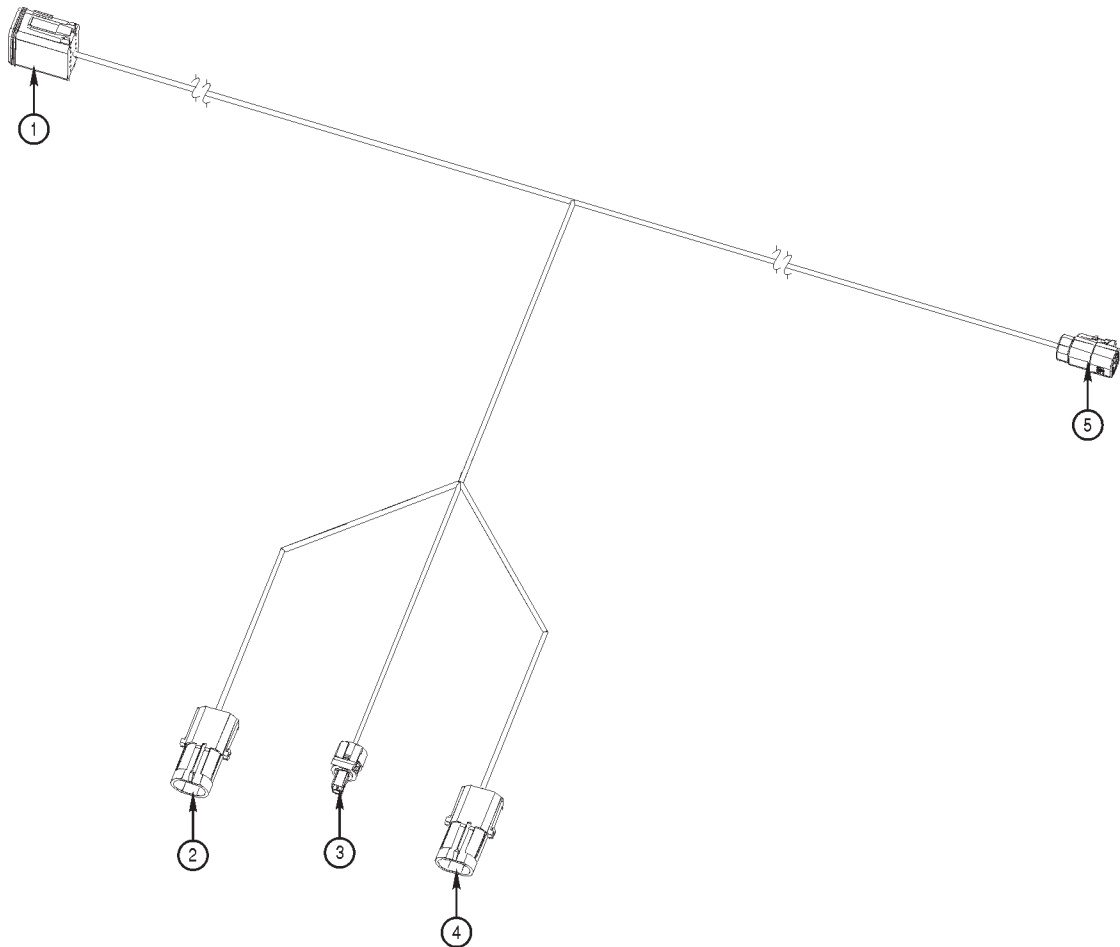
All Equipped Models



Item	Part Number	Description	Comments
1	722000014	Connector, Deutsch DRC26-40SA	Connects to Nav II Cont.
2	722000015	Connector, Deutsch DRC26-24S	Connects to Nav II Cont.
3	722000016	Connector, Deutsch DTM06-12S	Connects to Nav II Display
4	722000017	Connector, Deutsch DTM06-8S	Connects to GPS
5	770000010	LED	Status
6	700000132	Connector, 9 Pin Serial Plug	Connects to Laptop
7	722000016	Connector, Deutsch DTM06-12S	Connects to Lightbar
8	700000116	Connector, Deutsch DTM06-12SB	Connects to Spare Sensor
9	700000024	Connector, Deutsch DT04-2P	Connects to Power Out
10	722000018	Connector, Metri-Pack	Connects to Buzzer
11	722000019	Connector, Deutsch DTM06-12SC	Connects to Vehicle Sensor
12	722000020	Connector, Deutsch DTM06-12SD	Connects to Nav II Main
	720000006	Harness Trimble Nav Cont II	Complete Harness

Trimble Autopilot Valve Harness

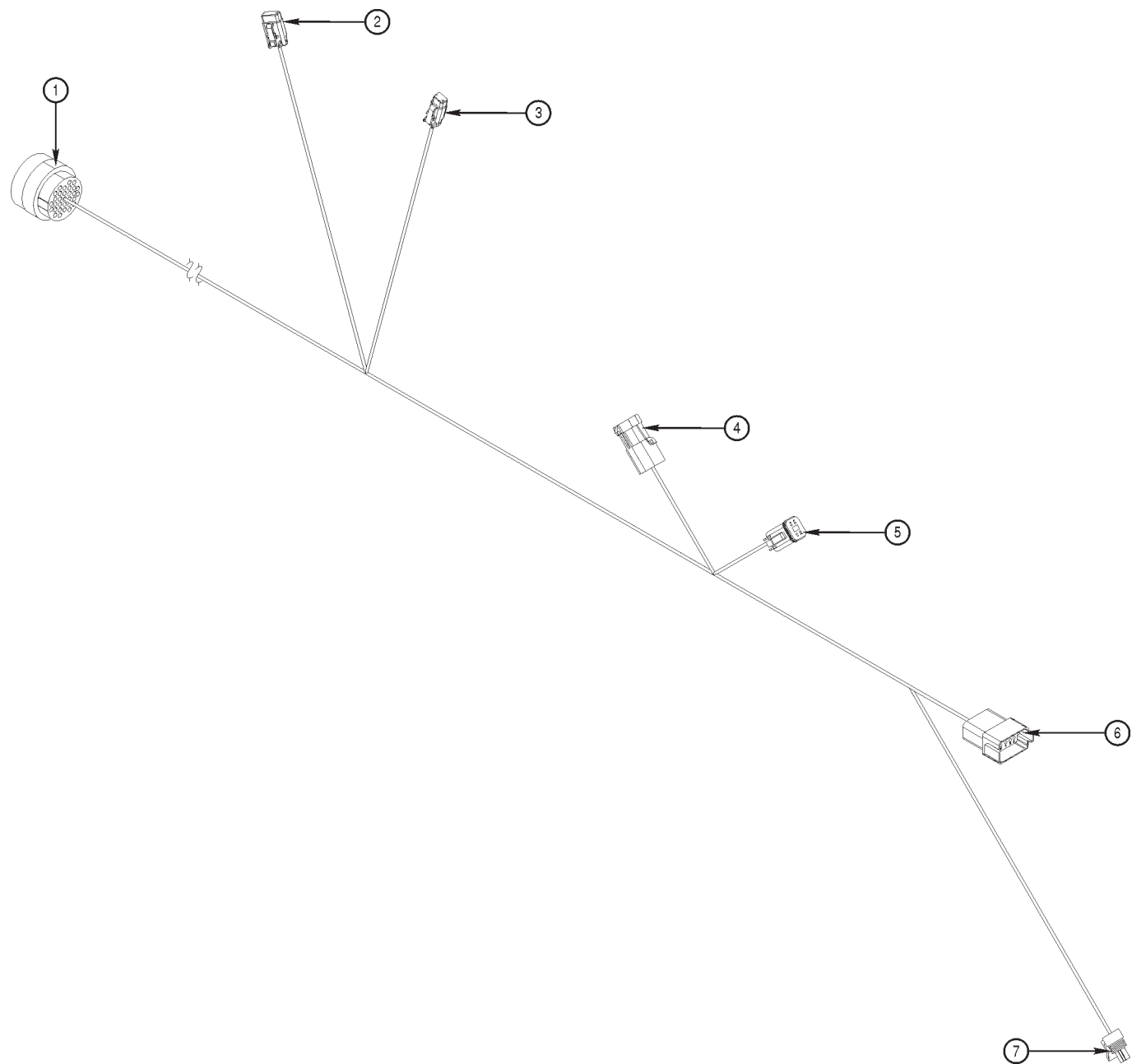
All Equipped Models



Item	Part Number	Description	Comments
1	722000021	Connector, Deutsch DT06-12S	Connects to Auto Pilot
2	700000026	Connector, Weatherpack 2 Pos Shroud	Connects to Valve B
3	700000136	Connector, Metri-Pack 3 Pos Tower 150 P2S	Connects to Override Sensor
4	700000026	Connector, Weatherpack 2 Pos Shroud	Connects to Valve A
5	722000005	Connector, Deutsch DTM06-4S	Connects to Steering Sensor
	720000009	Harness Trimble Autopilot Valve	Complete Harness

Trimble Control Boom Harness

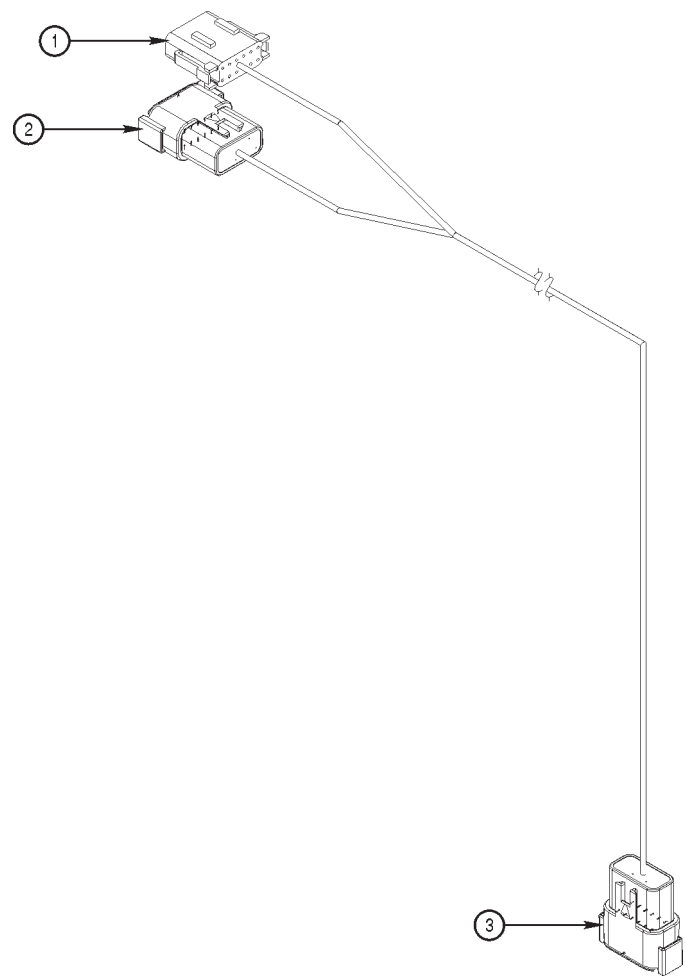
All Equipped Models



Item	Part Number	Description	Comments
1	722000022	Connector, Deutsch HDP26-24-31SE	Connects to Frame
2	700000159	Connector, Deutsch DTM06-3S	Connects to Flow Meter
3	700000099	Connector, Deutsch DT06-2S	Connects to Control Valve
4	700000055	Connector, Weatherpack 4 Pos SH SQ	Connects to AutoBoom Power
5	700000079	Connector, Deutsch DT06-4S	Connects to Raven CAN
6	700000057	Connector, Deutsch DT04-12PA	Connects to Boom Logic
7	700000136	Connector, Meti-Pack 3 Pos Tower	Connects to Pressure Sensor
	720000010	Harness Trimble Control Boom	Complete Harness

Trimble Nav II with Port Rep Harness

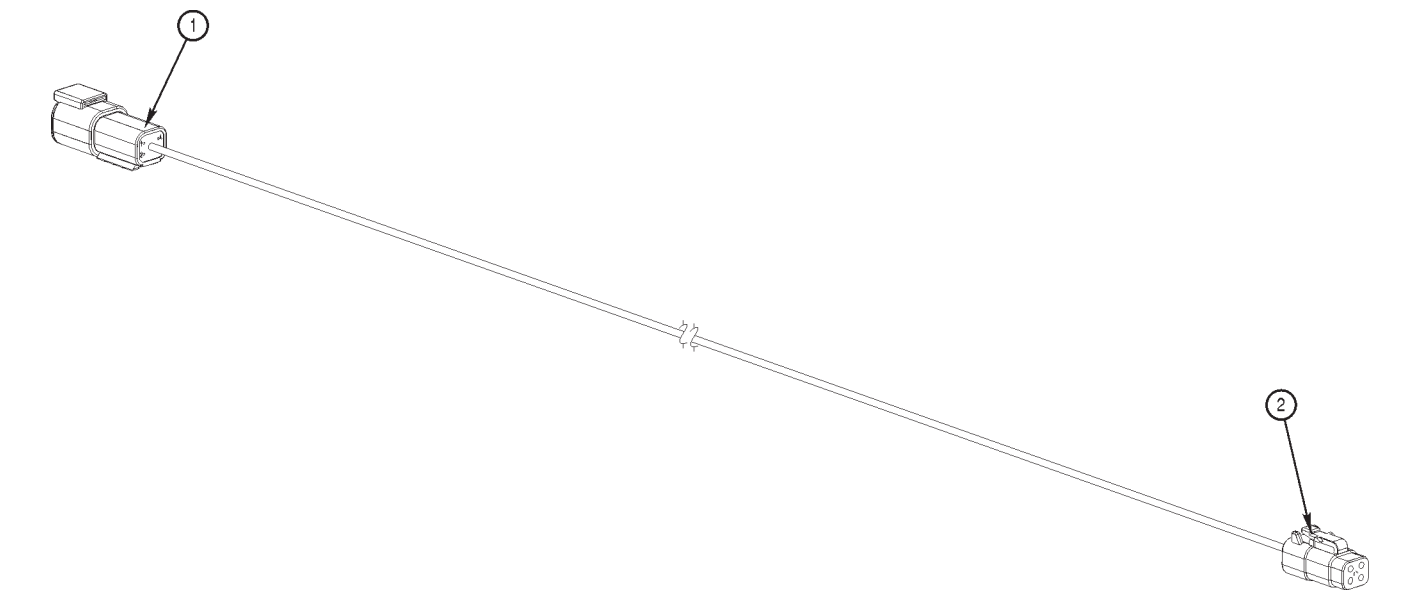
All Equipped Models



Item	Part Number	Description	Comments
1	700000115	Connector, Deutsch DTM06-12SA	Connects to Gemini Port C
2	722000023	Connector, Deutsch DTM04-12PA	Connects to Port Rep
3	722000024	Connector, Deutsch DTM04-8P	Connects to Boom Connection
	720000011	Harness Trimble Nav II with Port Rep	Complete Harness

Trimble Harness CAN Extension

All Equipped Models



Item	Part Number	Description	Comments
1	722000010	Connector Deutsch DTM04-4P	Connects to CAN 1
2	722000005	Connector Deutsch DTM06-4S	Connects to CAN 2
	720000013	Trimble Harness CAN Extension	Complete Harness

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Appendix

Additional Information

2012 Apache Filters, Hydraulic Cylinders, Seal Kits and Belts

Filters

ET Part Number	Description	Vendor	Vendor Part Number	Apache Model
201450241	Engine Oil Filter	Fleetguard	LF3970	All Models
201450242	Engine Fuel Filter	Fleetguard	FS19732	All Models except AS1025
201450303	Engine Fuel Filter, Primary	Cummins	FS1065	AS1025 Only
201450243	Engine Fuel Filter	Cummins	3978040	All Models except AS1025
201450304	Engine Fuel Filter, Secondary	Cummins	FS5632	AS1025 Only
201300116	Air Filter, Primary	Donaldson	P608676	All Models except AS1025
201300140	Air Filter, Primary	Cummins	AF55005	AS1025 Only
201300117	Air Filter, Secondary	Donaldson	321925753	All Models except AS1025
201300141	Air Filter, Secondary	Cummins	AF55308	AS1025 Only
300000101	Transmission Filter	Filter ITL(JCB)	581/18092	AS720
310100001	Transmission Filter (ZF)	Cross not available		AS1020 and 1220
880000026	Hydraulic Filter	Cross not available		All Models
840000010	Hydraulic Strainer (In Tank)	Cross not available		All Models
490003651	Cab Charcoal Filter	Cross not available		All Models
490006661	Cab Recirculation Filter	Cross not available		All Models
201450291	Fuel Filter (In Line)	Cross not available		All Models
201450001	Fuel Tank Strainer	Cross not available		All Models
201450306	Crankcase Breather	Cummins	CV52001	AS1025 Only

Hydraulic Cylinders and Seals

ET Part Number	Description	Seal Kit Part Number	Apache Model
600901510	Boom tilt up/down	600901515	All Models
600901510	Boom fold in/out	600901515	All Models
600901511	Boom tip in/out	600901516	All Models
600901406	Boom Rack up/down	600901408	All Models
100106052	Rear Suspension Leveling (small)	100106056	All Models
100106063	Rear Suspension Load (large)	100106065	All Models
850000124	Ladder Cylinder	Kit not available	All Models
850000129	Steering Cylinder (Adjustable axle)	850000132	All Adjustable Axle Machines
850000130	Steering Cylinder (Fixed Axle)	Kit not available	All Fixed Axle Machines
100106514	Front Strut	100106515	All Models

Note: Part Numbers are stamped into the barrel of all cylinders on 2012 Apaches.

Belts

ET Part Number	Description	Vendor	Vendor Part Number	Apache Model
200100034	Serpentine Belt	Cummins	3289963	All Models

Spare Parts Return Policy

Equipment Technologies Inc. (ETI) will accept spare parts returned from our dealers under the following conditions:

- The returning dealer must obtain return goods authorization number (RMA) by contacting the Product Support Manager at ETI Prior to returning any parts.
- The RMA # must be visible on the outside of the shipping container and on any accompanying paper work.
- Any parts returned without an RMA # will be returned to the dealer. The dealer will be responsible for any freight charges.
- All parts returned must be clean, new, and in original packaging.
- Parts must have been purchased from ETI within the last twelve months.
- The returning dealer will pay all freight.
- A 15% restocking fee will be charged to the returning dealer on all spare parts returned.
- ETI will allow a dealer to return up to 20% of the total spare parts purchased from ETI in the last calendar year.
- ETI will not accept any returns of any special order parts.
- Any spare parts shipped to a dealer mistakenly by ETI maybe returned to ETI without a restocking fee. ETI will ship the correct parts freight free. The dealer must still obtain an RMA # before returning the parts.
- Any parts ordered by a dealer for work required by a service bulletin/update that were unused maybe returned to ETI without a restocking fee. The parts must be returned within six months of purchase. The dealer must obtain an RMA # prior to returning the parts.
- ETI will inspect all returned parts. ETI will determine the condition of all returned parts. ETI reserves the right to refuse any parts that do not meet the above guidelines.

Any questions concerning the spare parts return policy or to return spare parts please contact Brian Holtane, Product Support, at (317) 834-4500 or Email: brian.holtane@etsprayers.com

Option Kits for 2012 Apache Sprayers

The following is a list of kits to add options to the 2012 Apaches after market. The kits include all parts to add the option to the Apache including mounting brackets and hardware.

Part Number	Description
K65000171	Kit, Fence Row Nozzle One Side 60/80 and 80 ft 2010 - 2012 Models
K65000172	Kit, Fence Row Nozzle One Side 90 and 100 ft 2010 - 2012 Models
K65000181	Kit, Teejet Flow Back Valve 5 Bank
K65000190	Kit, Cab Filters 2011 - 2012 Models
K65000191	Kit, Sprayer Survival 2011 - 2012 Models
K65000196	Kit, Chemical Eductor Poly 2011- 2012 Models
K65000197	Kit, Foam Marker Combo 2011 - 2012 Models
K65000198	Kit, Foam Marker Straight 2011 - 2012 Models
K65000202	Kit, Front Fenders 42" and 50" CC 2011 - 2012 Models
K65000203	Kit, Rear Fender 42" CC 2011 - 2012 Models
K65000204	Kit, Rear Fenders 50" CC 2011 - 2012 Models
K65000205	Kit, 3" Quick Fill Poly Tank 2011 - 2012 Models
K65000209	Kit, Hydraulic Filter without Oil
K65000210	Kit, Hydraulic Filter with Oil
K65000212	Kit, Raven Flow Max Flowmeter
K65000213	Kit, Auto Boom Wheels with Mount Brackets
K65000214	Rear Differential, Complete ZF Flipped Low Speed
K65000222	Kit, Adjust On The Go 2011 Models
K65000223	Kit, 5000 Console 2012
K65000224	Kit, Envizio Pro 2 Console 2012
K65000225	Kit, Viper Pro Console 2012
K65000226	Kit, Console Ready 2012
K65000227	Kit, Antenna Phoenix 200 2012
K65000228	Kit, Antenna Phoenix 300 with Viper 2012
K65000229	Kit, AutoSteer 2012 Models
K65000230	Kit, Accuboom 2012 Models
K65000231	Kit, PPG AutoBoom 2012 Models
K65000232	Kit, UltraGlide 2012 Models
K65000233	Kit, UltraGlide with Wheels 2011 Models
K65000234	Kit, Yearly Service Filter 2012 AS720
K65000235	Kit, Yearly Service Filter 2012 AS1020 and AS1220
K65000236	Kit, UG with 5 Eyes 2012
K65000237	Kit, PG with Center Eye 2012
K65000238	Kit, 3" Quick Fill S.S. Tank 2012 Models
K65000239	Kit, PG To UG Conversion 2012
K65000240	Kit, Chemical Eductor S.S. 2012
K65000241	Kit, Sight Tube, Product Tank 2012



Please take time to make use of the form below. We are supplying this form so that we can get both feedback, and find any changes that may be necessary. You may use this form for any parts book, both present and future. If you have an idea on how to improve the presentation of the information, we would appreciate the input. If you come across a change that needs to be made, please email or fax a completed copy of this form to the attention of Tim Stamper.

APPENDIX		APACHE SPRAYER PARTS MANUAL
ADDITIONAL INFORMATION		COPYRIGHT 2013
PARTS MANUAL UPDATE	9-4	EQUIPMENT TECHNOLOGIES