

## TUFFER - SI ON-BOARD

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### Standard Operating Pressure - External Pressure Transducers

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#### 9101655-01L Components

- (1) 8500920-01L Meter Tuffer Dual W/New
- (2) 8100609-10 Hose Hyd 10 External SE
- (1) 8100608-01 Cable Lift Pressure Exte
- (1) 8100608-02 Cable Return Pressure Ex
- (1) 8100572-01 3 Connector Remote Con Switch
- (1) 8100571-02 3 Connector Tuffer Power Cable 25 ft
- (1) 8100555-01 Y Cable Proximity Sensor 20 ft w/o sensors
- (1) 7102020 Tuffer Transducer Mounting
- (1) 7100214 Install Kit Tuffer 1" & 1-1/4 ser 61 sandwich blocks
- (2) 5500063 Proximity Sensor 3 Wire
- (1) 2500401-01 Target Plate Assembly
- (1) 2500400-05 Prox Switch Mount Assembly

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### Volvo Kit-High Operating Pressure Application

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#### 9101655-02L Components

- (1) 8500920-01L Meter Tuffer Dual W/New
- (2) 8100609-10 Hose Hyd 10 External SE
- (1) 8100608-03 Cable Assembly Lift Shunt
- (1) 8100608-02 Cable Return Pressure Ex
- (1) 8100572-01 3 Connector Remote Con Switch
- (1) 8100571-02 3 Connector Tuffer Power Cable 25 ft
- (1) 8100555-01 Y Cable Proximity Sensor 20 ft w/o sensors
- (1) 7102020 Tuffer Transducer Mounting
- (1) 7100216 Installation Kit Volvo 1
- (2) 5500063 Proximity Sensor 3 Wire
- (1) 2500401-01 Target Plate Assembly
- (1) 2500400-05 Prox Switch Mount Assembly

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### High Operating Pressure Application

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#### 9101655-03L Components

- (1) 8500920-01L Meter Tuffer Dual W/New
- (2) 8100609-10 Hose Hyd 10 External SE
- (1) 8100608-03 Cable Assembly Lift Shunt
- (1) 8100608-02 Cable Return Pressure Ex
- (1) 8100572-01 3 Connector Remote Con Switch
- (1) 8100571-02 3 Connector Tuffer Power Cable 25 ft
- (1) 8100555-01 Y Cable Proximity Sensor 20 ft w/o sensors
- (1) 7102020 Tuffer Transducer Mounting
- (1) 7100214 Install Kit Tuffer 1" & 1-1/4 ser 61 sandwich blocks
- (2) 5500063 Proximity Sensor 3 Wire
- (1) 2500401-01 Target Plate Assembly
- (1) 2500400-05 Prox Switch Mount Assembly

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**High Operating Pressure Application**

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**9101655-04L Components**

- (1) 8500920-01L Meter Tuffer Dual W/New
- (2) 8100609-10 Hose Hyd 10 External SE
- (1) 8100608-03 Cable Assembly Lift Shunt
- (1) 8100608-02 Cable Return Pressure Ex
- (1) 8100572-01 3 Connector Remote Con Switch
- (1) 8100571-02 3 Connector Tuffer Power Cable 25 ft
- (1) 8100555-01 Y Cable Proximity Sensor 20 ft w/o sensors
- (1) 7102020 Tuffer Transducer Mounting
- (1) 7100218 Install Kit Tuffer - No Sandwich Blocks, Drill and tap / Or use Gage Port Fittings
- (2) 5500063 Proximity Sensor 3 Wire
- (1) 2500401-01 Target Plate Assembly
- (1) 2500400-05 Prox Switch Mount Assembly

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**Standard/Low Pressure**

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**9101655-05L Components**

- (1) 8500920-01L Meter Tuffer Dual W/New
- (2) 8100609-10 Hose Hyd 10 External SE
- (1) 8100608-02 Cable Return Pressure Ex
- (1) 8100608-01 Cable Lift Pressure Exte
- (1) 8100572-01 3 Connector Remote Con Switch
- (1) 8100571-02 3 Connector Tuffer Power Cable 25 ft
- (1) 8100555-01 Y Cable Proximity Sensor 20 ft w/o sensors
- (1) 7102020 Tuffer Transducer Mounting
- (1) 7100218 Install Kit Tuffer - No Sandwich Blocks, Drill and tap / Or use Gage Port Fittings
- (2) 5500063 Proximity Sensor 3 Wire
- (1) 2500401-01 Target Plate Assembly
- (1) 2500400-05 Prox Switch Mount Assembly

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**Volvo Standard Pressure**

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**9101655-06L Components**

- (1) 8500920-01L Meter Tuffer Dual W/New
- (2) 8100609-10 Hose Hyd 10 External SE
- (1) 8100608-02 Cable Return Pressure Ex
- (1) 8100608-01 Cable Lift Pressure Exte
- (1) 8100572-01 3 Connector Remote Con Switch
- (1) 8100571-02 3 Connector Tuffer Power Cable 25 ft
- (1) 8100555-01 Y Cable Proximity Sensor 20 ft w/o sensors
- (1) 7102020 Tuffer Transducer Mounting
- (1) 7100216 Installation Kit Volvo 1
- (2) 5500063 Proximity Sensor 3 Wire
- (1) 2500401-01 Target Plate Assembly
- (1) 2500400-05 Prox Switch Mount Assembly

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**CAT 988H Specific**

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**9101655-07L Components**

- (1) 8500920-01L Meter Tuffer Dual W/New
- (2) 8100609-10 Hose Hyd 10 External SE
- (1) 8100608-03 Cable Assembly Lift Shunt
- (1) 8100608-02 Cable Return Pressure Ex
- (1) 8100572-01 3 Connector Remote Con Switch
- (1) 8100571-02 3 Connector Tuffer Power Cable 25 ft
- (1) 8100555-01 Y Cable Proximity Sensor 20 ft w/o sensors
- (1) 7102020 Tuffer Transducer Mounting
- (1) 7100217 Install Kit CAT -1" & 1-1/4 series 62 sandwich blocks, Metric
- (2) 5500063 Proximity Sensor 3 Wire
- (1) 2500401-01 Target Plate Assembly
- (1) 2500400-05 Prox Switch Mount Assembly

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**SYS LCD Tuffer Dual**

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**9101655-08L Components**

- (1) 8500920-01L Meter Tuffer Dual W/New
- (2) 8100609-10 Hose Hyd 10 External SE
- (1) 8100608-02 Cable Return Pressure Ex
- (1) 8100608-01 Cable Lift Pressure Exte
- (1) 8100572-01 3 Connector Remote Con Switch
- (1) 8100571-02 3 Connector Tuffer Power Cable 25 ft
- (1) 8100555-01 Y Cable Proximity Sensor 20 ft w/o sensors
- (1) 7102020 Tuffer Transducer Mounting
- (1) 7100220 Install Kit Tuffer -1-1/4" & 1-1/2" series 61 sandwich blocks
- (2) 5500063 Proximity Sensor 3 Wire
- (1) 2500401-01 Target Plate Assembly
- (1) 2500400-05 Prox Switch Mount Assembly

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**SI ON-BOARD FORESTRY SCALE SYSTEMS**

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**System Shear Beam Long Logger**

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**9100910 Components**

- (4) 8300755-10R Load Cell Titan 4 Pin
- (1) 8500570-10 Meter 9100GW Digital Lbs
- (2) 8100187-05QC Transmitter 12V, 2 Lead
- (8) 6300090-01 Bearing Plate Shear Beam
- (12) 2800034-01 Stud and Plug / 3.38
- (2) 7100173-01 Cable 40 Reach 3-socket Plug
- (8) 2800273 HHCS 1 1/8-12 X 3 1/4"
- (1) 8100219-37 Cable 12V Digital System
- (8) 2800476 Washer 1 1/8" ASTM F436 -Grade 8
- (1) 8100152-15 Cable Power 18 2 Cond
- (50) 2800078 Cable Tie 7.5 OR 8

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**System, Shear Beam Long Logger**

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**9100910-01 Components**

- (4) 8300755-10R Load Cell Titan 4 Pin
- (1) 8500570-10 Meter 9100GW Digital Lbs
- (2) 8100187-05QC Transmitter 12V, 2 Lead
- (8) 6300090-01 Bearing Plate Shear Beam
- (2) 7100173-01 Cable 40 Reach 3-Socket Plug
- (8) 2800273 HHCS 1 1/8-12 X 3 1/4"
- (1) 8100219-37 Cable 12V Digital System
- (8) 2800476 Washer 1 1/8" ASTM F436 -Grade 8
- (1) 8100152-15 Cable Power 18 2 Cond
- (50) 2800078 Cable Tie 7.5 OR 8

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**System, Shear Beam Long Logger**

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**9100910-02 Components**

- (4) 8300755-10R Load Cell Titan 4 Pin
- (1) 8500550-01 METER 9100QC 4 CHANNEL
- (2) 8100187-05QC TRANSMITTER 12V, 2 LEADS
- (8) 6300090-01 Bearing Plate Shear Beam
- (2) 7100173-01 Cable 40 Reach 3-Socket Plug
- (8) 2800273 HHCS 1 1/8-12 X 3 1/4"
- (12) 3052180 HHCS, 1-14 X 2" Long
- (1) 8100219-37 Cable 12V Digital System
- (8) 2800476 Washer 1 1/8" ASTM F436 -Grade 8
- (1) 8100152-15 Cable Power 18 2 Cond
- (50) 2800078 Cable Tie 7.5 OR 8

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**System, Long Logger 26" Titan Shear Beam, Tractor & Trailer**

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**9100915 Components**

- (4) 8300755-10R Load Cell Titan 4 Pin
- (1) 8500550-01 METER 9100QC 4 CHANNEL
- (2) 8100187-05QC TRANSMITTER 12V, 2 LEADS
- (8) 6300090-01 Bearing Plate Shear Beam
- (8) 2800273 HHCS 1 1/8-12 X 3 1/4"
- (12) 2800034-01 Stud and Plug / 3.38
- (2) 7100173-01 Cable 40 Reach 3-Socket Plug
- (8) 2800273 HHCS 1 1/8-12 X 3 1/4"
- (1) 8100219-37 Cable 12V Digital System
- (8) 2800476 Washer 1 1/8" ASTM F436 -Grade 8
- (1) 8100152-15 Cable Power 18 2 Cond
- (50) 2800078 Cable Tie 7.5 OR 8

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**System, Shear Beam 26" Long Logger, Trailer only**

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**9300760-01 Components**

- (2) 8300755-10R Load Cell Titan 4 Pin
- (1) 8100187-05QC Transmitter 12V, 2 Leads
- (4) 6300090-01 Bearing Plate Shear Beam
- (1) 7100173-01 Cable 40 Reach 3-Socket Plug
- (1) 8100219-37 Cable 12V Digital System
- (4) 2800273 HHCS 1 1/8-12 X 3 1/4"
- (4) 2800476 Washer 1 1/8" ASTM F436
- (25) 2800078 Cable Tie 7.5 OR 8

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**System, Short Logger Truck and Trailer, Shear Beam**

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**9101170 Components**

- (8) 8300755-10R Load Cell Titan 4 Pin
- (4) 8100187-05QC Transmitter 12V, 2 Leads
- (1) 8500550-01 Meter 9100QC 4 Channel
- (16) 6300090-01 Bearing Plate Shear Beam
- (4) 7100173-01 Cable 40 Reach 3-Socket Plug
- (16) 2800273 HHCS 1 1/8-12 X 3 1/4"
- (24) 3052180 HHCS, 1-14 X 2" Long
- (2) 8100219-37 Cable 12V Digital System
- (16) 2800476 Washer 1 1/8" ASTM F436
- (1) 8100152-15 Cable Power 18 2 Cond
- (50) 2800078 Cable Tie 7.5 OR 8

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**System, Holland Fixed 5th Wheel, Tractor Only**

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**9101485 Components**

- (2) 8301970-10R Load Cell HD Holland 5th
- (1) 8500570-10 Meter 9100GW Digital Lbs
- (4) 6300040 Bearing Plate Standard A
- (1) 8100187-05QC Transmitter 12V, 2 Leads
- (1) 7100173-01 Cable 40 Reach 3-Socket Plug
- (4) 2800186-01 HHCS 1 1/4-12 x 2 11/16
- (1) 8100152-15 Cable Power 18 2 Cond
- (4) 2800148 Washer Flat GD 8, 1 1/4 - Thickness 1/8" - Thickness 1/8"
- (25) 2800078 Cable Tie 7.5 OR 8

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**System, Fontaine 5000 Fixed 5th Wheel, Tractor Only**

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**9101495 Components**

- (2) 8301980-10R Load Cell HD Fontaine 50
- (1) 8500570-10 Meter 9100GW Digital Lbs
- (4) 6300040 Bearing Plate Standard A
- (1) 8100187-05QC Transmitter 12V, 2 Leads
- (1) 7100173-01 Cable 40 Reach 3-Socket Plug
- (4) 2800186-01 HHCS 1 1/4-12 x 2 11/16
- (1) 8100152-15 Cable Power 18 2 Cond
- (4) 2800148 Washer Flat GD 8, 1 1/4 - Thickness 1/8" - Thickness 1/8"
- (25) 2800078 Cable Tie 7.5 OR 8

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**System, Single Point, Trailer Only**

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**9301025 Components**

- (2) 8301615-10R Load Cell 16.3 Titan
- (1) 8100187-05QC Transmitter 12V, 2 Leads
- (4) 6300321 Bearing Block NEWAY MAGN
- (1) 7100173-02 Cable 70 Reach 3-Socket Plug
- (1) 8100219-37 Cable 12V Digital System
- (4) 2800273 HHCS 1 1/8-12 X 3 1/4"
- (12) 2800470 Nut Hex 5/8-18 NYLK CAD
- (12) 2800472 HHCS 5/8-18 X 2 1/2 Long -Grade 8
- (4) 2800476 Washer 1 1/8" ASTM F436
- (25) 2800078 Cable Tie 7.5 OR 8
- (24) 2800644 Washer 5/8" -Grade 8

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**System, Holland Slider 5th Wheel, Tractor Only**

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**9100460 Components**

- (2) 8300865-13R Load Cell 22.6 /Bolt On
- (1) 7300071-01 Holland Slider Assembly
- (1) 8500570-10 Meter 9100GW Digital Lbs
- (1) 8100187-05QC Transmitter 12V, 2 Leads
- (1) 7100173-01 Cable 40 Reach 3-Socket Plug
- (4) 2800186-01 HHCS 1 1/4-12 x 2 11/16
- (1) 8100152-15 Cable Power 18 2 Cond
- (4) 2800148 Washer Flat GD 8, 1 1/4 - Thickness 1/8" - Thickness 1/8"

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**System, Hutch 9700 Dual Axle, Trailer Only**

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**9300305-02 Components**

- (2) 8300855-53R Load Cell Hutch
- (1) 8100187-05QC Transmitter 12V, 2 Leads
- (1) 7100173-01 Cable 40 Reach 3-Socket Plug
- (1) 8100219-37 Cable 12V Digital System
- (25) 2800078 Cable Tie 7.5 OR 8

## **SI ON-BOARD FORESTRY AIR SCALE SYSTEMS**

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**System, AS1050 Air scale, Tractor and Trailer**

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**9101330-10 Components**

- (1) 8500570-10 Meter 9100GW Digital Lbs
- (2) 8100812-01QC Transmitter Assembly
- (2) 8300960-10R Pressure Transducer. 150 PSI
- (2) 2500205 Bracket Mounting Berg TY
- (1) 7100173-02 Cable 70 Reach 3-Socket Plug
- (1) 7100173-01 Cable 40 Reach 3-Socket Plug
- (1) 7100171-01 Cable Meter To Reach 4-S
- (1) 8100196-03 Cable Pigtail 12V Truck Half
- (1) 7100179-01 Mounting Kit Truck Air S
- (1) 7100179-02 Mounting Kit Trailer Air
- (1) 8100152-20 Cable Power 23 2 COND
- (1) 8100198-45 Cable Meter to Berg Recp

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**System, AS1030 Air scale, 2 Channel, Tractor Only**

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**9101310-10 Components**

- (1) 8500570-10 Meter 9100GW Digital Lbs
- (1) 8100812-01QC Transmitter Assembly
- (1) 8300960-10R Pressure Transducer. 150 PSI
- (1) 7100173-01 Cable 40 Reach 3-Socket Plug
- (1) 7100179-01 Mounting Kit Truck Air S
- (1) 8100152-15 Cable Power 18 2 Cond

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**System, AS1030 Air scale, 4 Channel, Tractor Only**

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**9101310-10QC Components**

- (1) 8500550-01 Meter 9100QC 4 Channel
- (1) 8100812-01QC Transmitter Assembly
- (1) 8300960-10R Pressure Transducer. 150 PSI
- (1) 7100173-01 Cable 40 Reach 3-Socket Plug
- (1) 7100179-01 Mounting Kit Truck Air S
- (1) 8100152-15 Cable Power 18 2 Cond

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**System, AS1010 Air scale, Trailer Only**

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**9300870-10 Components**

- (1) 8100812-01QC Transmitter Assembly
- (1) 8300960-10R Pressure Transducer. 150 PSI
- (1) 7100173-02 Cable 70 Reach 3-Socket Plug
- (1) 7100179-01 Mounting Kit Truck Air S
- (1) 6190078 Airscale Manual

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**System, Legal For Trade, 1500 With Printer**

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**9101500 Components**

- (1) 7101500 Install Kit Lift 1500 L/C
- (1) 7101501 Meter Install Kit PM1800
- (4) 8305103-50k 5103-C3-50K-20NT
- (1) 8501800 Meter Lift 1500 Kit
- (1) 9500260-07 L5500 Printer 12V OBW

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**Dual Leveling Air Valve Transducer Adapter Kit Tractor or Trailer**

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**9300880-01 Components**

- (1) 8100536-01 Cable Y Molded Airscale
- (1) 8300960-10R Pressure Transducer. 150 PSI
- (1) 7100179-01 Mounting Kit Truck Air S

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**SI ON-BOARD 9100 FORESTRY ACCESSORIES**

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**Meter Kit 9100QC, Short Logger**

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**9500480-01 Components**

- (4) 8100187-05QC Transmitter 12V, 2 Leads
- (1) 8500550-01 Meter 9100QC 4 Channel
- (4) 7100173-01 Cable 40 Reach 3-Socket Plug
- (2) 8100219-37 Cable 12V Digital System
- (1) 8100152-15 Cable Power 18 2 Cond
- (25) 2800078 Cable Tie 7.5 OR 8

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## SI OnBoard 9150 Systems

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### System, Long Logger 9150 (Forestry)

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#### 9100910-71 Components

- (4) 8300755-10R Load Cell Titan 4 Pin
- (1) 8509150-01 Meter, OBW 9150 Digital
- (1) 8102524-50 9150 Cable 6 Rec, 50 ft, Trailer - Long & Short Logger, Molex
- (1) 8102522-25 9150 Cable 6 Male 25 ft ,Tractor - Long & Short Logger, Molex
- (1) 8102500-40 Meter to Smart Box, 40 FT - Reach Cable Rec, Molex
- (1) 8100400-02B Smart Box 9150, 2 W, 4P - 2 ea 6' leads NO 'B' Port
- (1) 8100400-02 Smart Box 9150, 2 W, 4P - 2 ea 6' leads
- (1) 8100152-15 Cable Power 18 2 Cond
- (8) 6300090-01 Bearing Plate Shear Beam
- (12) 3052180 HHCS, 1-14 X 2" LONG Grade 8
- (8) 2800476 Washer 1 1/8" ASTM F436 Grade 8
- (8) 2800273 HHCS 1 1/8-12 X 3 1/4" Grade 8

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### System, Trojan Transducers, 3 Point (9150) (Waste)

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#### 9100630-73 Components

- (3) 8300370-10 Trojan Transducer 3 Cab
- (1) 8509150-01 Meter, OBW 9150 Digital
- (1) 8102500-40 Meter to Smart Box, 40 FT - Reach Cable Rec, Molex
- (1) 8100401-03B Smart Box 9150, 3 W, 4P - 1-25, 2-12 LEAD, NO "B" Port
- (1) 8100152-20 Cable Power 23 2 COND
- (6) 6300094-03 Mount Plate Side Steel
- (1) 1400163-05 Spacer Bar Side Mount 5
- (3) 1400161-03 Cover Trojan Side Mount

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### System, Trojan Transducers, 2 Point (9150) (Waste)

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#### 9100630-72 Components

- (2) 8300370-11 Transducer Trojan 10 ft Load Cell Cable
- (1) 8509150-01 Meter, OBW 9150 Digital
- (1) 8102500-40 Meter to Smart Box, 40 FT - Reach Cable Rec, Molex
- (1) 8100401-02B Smart Box 9150, 2W, 4P - 2-12' leads, NO 'B' Port
- (1) 8100152-20 Cable Power 23 2 COND
- (4) 6300094-03 Mount Plate Side Steel
- (1) 1400163-05 Spacer Bar Side Mount 5
- (2) 1400161-03 Cover Trojan Side Mount

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### System, Hutch 9700 (9150), Trailer Only (Forestry/Transportation)

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#### 9300305-72 Components

- (2) 8300855-53R Load Cell Hutch
- (1) 8102510-50 Reach Cable, 9150, 50 ft - Trailer Front to Smart Box
- (1) 8100401-02B Smart Box 9150, 2W, 4P - 2-12' leads, NO 'B' Port



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**System, Holland 5th Wheel (9150), Tractor Only (Forestry / Trans)**

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**9101485-70 Components**

- (2) 8301970-10R Load Cell HD Holland 5th
- (1) 8509150-01 Meter, OBW 9150 Digital
- (1) 8102509 Reach Cable, 9150, Smart Box to Tractor Rear
- (1) 8102500-40 Meter to Smart Box, 40 FT - Reach Cable Rec, Molex
- (1) 8100401-02 Smart Box 9150, 2W, 4P - 2-12' leads
- (1) 8100152-15 Cable Power 18 2 Cond
- (4) 6300040 Bearing Plate Standard A
- (4) 2800186-01 HHCS 1 1/4-12 x 2 11/16
- (4) 2800148 Washer Flat GD 8, 1 1/4 - Thickness 1/8" - Thickness 1/8"

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**Fontaine 5000 Fixed 9150 0- Tractor**

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**9101495-70 Components**

- (1) 8509150-01 Meter, OBW 9150 Digital
- (2) 8301980-10R Load Cell HD Fontaine 50
- (1) 8102509 Reach Cable, 9150, Smart Box to Tractor Rear
- (1) 8102500-40 Meter to Smart Box, 40 FT - Reach Cable Rec, Molex
- (1) 8100401-02 Smart Box 9150, 2W, 4P - 2-12' leads
- (1) 8100152-15 Cable Power 18 2 Cond
- (4) 6300040 Bearing Plate Standard A
- (4) 2800186-01 HHCS 1 1/4-12 x 2 11/16
- (4) 2800148 Washer Flat GD 8, 1 1/4 - Thickness 1/8" - Thickness 1/8"

**Fontaine 5000 Fixed 9150, Wire loomed - Tractor****9101495-70W Components**

- (1) 8509150-01 Meter, OBW 9150 Digital
- (2) 8301980-10R Load Cell HD Fontaine 50
- (1) 8102509 Reach Cable, 9150, Smart Box to Tractor Rear
- (1) 8102500W-40 Meter to Smart Box, 40 FT - w/Split Loom, 9150 Reach Cable Molex
- (1) 8100401W-02 Smart Box 9150, 2W, 4P - 2-12' with Split Loom
- (1) 8100152-15 Cable Power 18 2 Cond
- (4) 6300040 Bearing Plate Standard A
- (4) 2800186-01 HHCS 1 1/4-12 x 2 11/16
- (4) 2800148 Washer Flat GD 8, 1 1/4 - Thickness 1/8" - Thickness 1/8"

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**System, Trailer, Titan Single Point 9150**

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**9301025-70 Components**

- (2) 8301615-10R Load Cell 16.3 Titan
- (1) 8102510-50 Reach Cable, 9150, 50 ft - Trailer Front to Smart Box
- (1) 8100401-02B Smart Box 9150, 2W, 4P - 2-12' leads, NO 'B' Port
- (4) 6300321 Bearing Block NEWAY MAGN
- (24) 2800644 Washer 5/8" -Grade 8
- (4) 2800476 Washer 1 1/8" ASTM F436 -Grade 8
- (12) 2800472 HHCS 5/8-18 X 2 1/2 Long -Grade 8
- (12) 2800470 Nut Hex 5/8-18 NYLK CAD
- (4) 2800273 HHCS 1 1/8-12 X 3 1/4"- Grade 8

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## SI ONBOARD 9150 METER CONV KITS

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### 9150 Meter Conv Kit (Forestry / Transportation)

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#### 9500340-71 Components

- (1) 8509150-01 Meter, OBW 9150 Digital
- (1) 8102510-50 Reach Cable, 9150, 50 ft - Trailer Front to Smart Box
- (1) 8102509 Reach Cable, 9150, Smart Box to Tractor Rear
- (1) 8102500-40 Meter to Smart Box, 40 FT - Reach Cable Rec, Molex
- (1) 8100401-02B Smart Box 9150, 2W, 4P - 2-12' leads, NO 'B' Port
- (1) 8100401-02 Smart Box 9150, 2W, 4P - 2-12' leads
- (1) 8100152-15 Cable Power 18 2 Cond

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### 9150 Meter Conv Kit (Forestry)

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#### 9500340-72 Components

- (1) 8509150-01 Meter, OBW 9150 Digital
- (1) 8102522-25 9150 Cable 6 Male 25 ft ,Tractor - Long & Short Logger, Molex
- (1) 8102524-50 9150 Cable 6 Rec, 50 ft, Trailer - Long & Short Logger, Molex
- (1) 8102500-40 Meter to Smart Box, 40 FT - Reach Cable Rec, Molex
- (1) 8100400-02B Smart Box 9150, 2 W, 4P - 2 ea 6' leads NO 'B' Port
- (1) 8100400-02 Smart Box 9150, 2 W, 4P - 2 ea 6' leads
- (1) 8100152-15 Cable Power 18 2 Cond

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### 9150 Meter Conv Kit (Forestry)

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#### 9500340-73 Components

- (1) 8509150-01 Meter, OBW 9150 Digital
- (1) 8102522-25 9150 Cable 6 Male 25 ft ,Tractor - Long & Short Logger, Molex
- (1) 8102524-50 9150 Cable 6 Rec, 50 ft, Trailer - Long & Short Logger, Molex
- (1) 8102500-40 Meter to Smart Box, 40 FT - Reach Cable Rec, Molex
- (1) 8100400-02B Smart Box 9150, 2 W, 4P - 2 ea 6' leads NO 'B' Port
- (1) 8100400-02 Smart Box 9150, 2 W, 4P - 2 ea 6' leads
- (1) 8100152-15 Cable Power 18 2 Cond

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## SI ON-BOARD WASTE SYSTEMS

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### Sys 6-PT 9100LD Spring-M Full Eject

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#### 9101050 Components

- (6) 8300610-13R Load Cell 13" 3' Pigtail
- (1) 8500570-06 Meter 9100LD Digital (Gross, net or Load)
- (1) 8100187-13QC Transmitter 12V, 6 Leads, of 4-18' & 2-12' W/4 Sockets
- (6) 6300046 Bearing Plate 1.0 X 3.0
- (8) 1000167 Rod 1/4 Dia X 3 Long
- (1) 7100173-01 Cable 40 Reach, 3 Socket Plug
- (16) 2800456 Spring 1.44 OD .31 Wire
- (1) 8100152-15 Cable Power 18 2 Cond
- (8) 2800018 HHCS 3/4-16 X 1 1/2" GR 8, Black Oxide
- (24) 2800388 HHCS, 3/4-16 X 2" Long, GR 8 Black Oxide or Zinc
- (16) 2800454 HHCS, 3/4-16UNF X 5 1/2", Grade 8, Zinc Coated
- (64) 2800277 Washer, 3/4", Grade 8, 3/4" ID, 1 1/2" OD

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**Sys 6-PT 9100LD Spring-M Full Heil Front+Rear Eject**

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**9101050-01 Components**

- (6) 8300610-13R Load Cell 13" 3' Pigtail
- (1) 8500570-06 Meter 9100LD Digital (Gross, net or Load)
- (1) 8100187-13QC Transmitter 12V, 6 Leads, of 4-18' & 2-12' W/4 Sockets
- (6) 6300046 Bearing Plate 1.0 X 3.0
- (8) 1000167 Rod 1/4 Dia X 3 Long
- (24) 2800456 Spring 1.44 OD .31 Wire
- (1) 7100173-01 Cable 40 Reach, 3 Socket Plug
- (1) 8100152-15 Cable Power 18 2 Cond
- (24) 2800388 HHCS, 3/4-16 X 2" Long, GR 8 Black Oxide or Zinc
- (24) 2800454 HHCS, 3/4-16UNF X 5 1/2", Grade 8, Zinc Coated
- (24) 2800277 Washer, 3/4", Grade 8, 3/4" ID, 1 1/2" OD

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**Sys Route Man Full Eject Fixed Mound Body - 4 Load Cells**

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**9101785 Components**

- (4) 8300610-13R Load Cell 13" 3' Pigtail
- (1) 8500570-06 Meter 9100LD Digital (Gross, net or Load)
- (1) 8100187-13QC Transmitter 12V, 4 Leads, of 12' W/4 Sockets
- (4) 6300046 Bearing Plate 1.0 X 3.0
- (4) 1000167 Rod 1/4 Dia X 3 Long
- (8) 2800456 Spring 1.44 OD .31 Wire
- (1) 7100173-01 Cable 40 Reach, 3 Socket Plug
- (1) 8100152-15 Cable Power 18 2 Cond
- (8) 2800018 HHCS 3/4-16 X 1 1/2" GR 8, Black Oxide
- (40) 2800277 Washer, 3/4", Grade 8, 3/4" ID, 1 1/2" OD
- (16) 2800388 HHCS, 3/4-16 X 2" Long, GR 8 Black Oxide or Zinc
- (8) 2800454 HHCS, 3/4-16UNF X 5 1/2", Grade 8, Zinc Coated

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**Sys Route Man Full Eject Special System - 4 Load Cells**

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**9101785-01 Components**

- (4) 8300610-13R Load Cell 13" 3' Pigtail
- (1) 8500570-06 Meter 9100LD Digital (Gross, net or Load)
- (1) 8100187-13QC Transmitter 12V, 6 Leads, of 4-18' & 2-12' W/4 Sockets
- (4) 6300046 Bearing Plate 1.0 X 3.0
- (1) 7100173-01 Cable 40 Reach, 3 Socket Plug
- (1) 8100152-15 Cable Power 18 2 Cond
- (8) 2800018 HHCS 3/4-16 X 1 1/2" GR 8, Black Oxide
- (40) 2800277 Washer, 3/4", Grade 8, 3/4" ID, 1 1/2" OD
- (16) 2800388 HHCS, 3/4-16 X 2" Long, GR 8 Black Oxide or Zinc

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**Sys Route Man Full Eject High Gain - 4 Load Cells**

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**9101785-10 Components**

- (4) 8300610-13R Load Cell 13" 3' Pigtail
- (1) 8500570-06 Meter 9100LD Digital (Gross, net or Load)
- (1) 8100187-13QC Transmitter 12V, 4 Leads, of 12' W/4 Sockets
- (4) 6300046 Bearing Plate 1.0 X 3.0
- (8) 2800456 Spring 1.44 OD .31 Wire
- (4) 1000167 Rod 1/4 Dia X 3 Long
- (1) 7100173-01 Cable 40 Reach, 3 Socket Plug
- (1) 8100152-15 Cable Power 18 2 Cond
- (8) 2800018 HHCS 3/4-16 X 1 1/2" GR 8, Black Oxide
- (16) 2800388 HHCS, 3/4-16 X 2" Long, GR 8 Black Oxide or Zinc
- (8) 2800454 HHCS, 3/4-16UNF X 5 1/2", Grade 8, Zinc Coated
- (40) 2800277 Washer, 3/4", Grade 8, 3/4" ID, 1 1/2" OD

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**Sys Transducer 9100LD SI (Chalmer, Hendrickson) - 3 Transducer**

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**9100630-01 Components**

- (1) 8500570-06 Meter 9100LD Digital (Gross, net or Load)
- (1) 8100187-01QC Transmitter 12V, 1 Lead
- (1) 8100187-06QC Transmitter 12V, 2 Leads, of 8' w/4 Socket Conn
- (3) 8300370-10 Trojan Transducer 3 Cab
- (3) 1400161-03 Cover Trojan Side Mount
- (3) 1400163-05 Spacer Bar Side Mount 5
- (6) 6300094-03 Mount Plate Side Steel
- (2) 7100173-01 Cable 40 Reach, 3 Socket Plug
- (1) 8100152-15 Cable Power 18 2 Cond

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**Trojan 3 Transducer Side Mount - 3 transducers**

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**9100630 Components**

- (1) 8500570-10 Meter 9100GW Digital Lbs
- (1) 8100187-01QC Transmitter 12V, 1 Lead
- (1) 8100187-06QC Transmitter 12V, 2 Leads, of 8' w/4 Socket Conn
- (3) 8300370-10 Trojan Transducer 3 Cab
- (3) 1400161-03 Cover Trojan Side Mount
- (1) 1400163-05 Spacer Bar Side Mount 5
- (6) 6300094-03 Mount Plate Side Steel
- (2) 7100173-01 Cable 40 Reach, 3 Socket Plug
- (1) 8100152-20 Cable Power 23 2 COND

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**Sys Trojan Transducer 9100GW Meter - 2 transducers**

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**9100660 Components**

- (1) 8500570-10 Meter 9100GW Digital Lbs
- (2) 8100187-01QC Transmitter 12V, 1 Lead of 6' W/4 Socket Conn
- (2) 8300370-10 Trojan Transducer 3 Cab
- (2) 1400161-03 Cover Trojan Side Mount
- (2) 1400163-05 Spacer Bar Side Mount 5
- (4) 6300094-03 Mount Plate Side Steel
- (2) 7100173-01 Cable 40 Reach, 3 Socket Plug
- (1) 8100152-15 Cable Power 18 2 Cond

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**Sys Trojan Transducer 9100LD Meter - 2 transducers**

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**9100660-01 Components**

- (1) 8500570-06 Meter 9100LD Digital (Gross, net or Load)
- (2) 8300370-10 Trojan Transducer 3 Cab
- (2) 8100187-01QC Transmitter 12V, 1 Lead of 6' W/4 Socket Conn
- (2) 1400161-03 Cover Trojan Side Mount
- (2) 1400163-05 Spacer Bar Side Mount 5
- (4) 6300094-03 Mount Plate Side Steel
- (2) 7100173-01 Cable 40 Reach, 3 Socket Plug
- (1) 8100152-15 Cable Power 18 2 Cond

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**Sys Neutral Axis Beam Tandem Drive, 9100GW Meter**

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**9100750-02 Components**

- (1) 8500570-10 Meter 9100GW Digital Lbs
- (1) 8300370-10 Trojan Transducer 3 Cab
- (2) 8100187-01QC Transmitter 12V, 1 Lead of 6' W/4 Socket Conn
- (1) 1400161-03 Cover Trojan Side Mount
- (1) 1400163-05 Spacer Bar Side Mount 5
- (1) 1400164 Weld Bar Axle Transducer
- (2) 6300094-03 Mount Plate Side Steel, Mount Ang Trojan
- (1) 7100500-02 Kit NA Beam Tandem Axle - 2 ea axle Transducers
- (1) 8100152-20 Cable Power 23 2 COND
- (1) 8100307-03 Cable Pigtail / 4 Con
- (2) 7100173-01 Cable 40 Reach, 3 Socket Plug

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**Trojan Two Point Drive Axles System 9100 LD Meter**

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**9100125 Components**

- (2) 1400161-03 Cover Trojan Side Mount
- (2) 1400163-05 Spacer Bar Side Mount 5
- (4) 6300094-03 Mount Plate Side Steel
- (1) 7100173-01 Cable 40 Reach, 3 Socket Plug
- (1) 8100152-15 Cable Power 18 2 Cond
- (1) 8100187-06QC Transmitter 12V, 2 Leads, of 8' w/4 Socket Conn
- (2) 8300370-10 Trojan Transducer 3 Cab
- (1) 8500570-06 Meter 9100LD Digital (Gross, net or Load)

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**Mounting Kit Full Eject - 4 Point - 4 Load Cells - Leach Front Loaders using Route Man 91-01490**

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**7100302-01 Components**

- (4) 2500242 Bracket Chassis Mount
- (4) 2500255 Bracket Assembly Upper Body
- (16) 2800478 Nut Hex HD 3/4-16 UNF GR 8 Nylon Inse
- (16) 2800519 Cap Screw 3/4~16UNF X 3
- (1) Drawings for Fabrication of Upper Body Bracket

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**Mounting Kit Full Eject - 6 Point - 6-load cells; (McNeilus, Heil, and Whitkke).**

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**7100302-02 Components**

- (6) 2500242 Bracket Chassis Mount
- (6) 2500255 Bracket Assembly Upper Body
- (24) 2800478 Nut Hex HD 3/4-16 UNF GR 8 Nylon Inse
- (24) 2800519 Cap Screw 3/4~16UNF X 3

## SI ON-BOARD AGGREGATE SYSTEMS

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### System, Dump Truck, Air Scale™ Rear w/ Trojan Trans Steel Axle, Trailer Ready

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#### 9101500-20 Components

- (1) 8500550-01 Meter 9100QC 4 Channel
- (1) 8300370-10 Trojan Transducer 3 Cab
- (1) 8100187-01QC Transmitter 12V, 1 Lead
- (1) 8100812-01QC Transmitter Assembly
  
- (1) 8300960-10R Pressure Transducer. 150 PSI
- (2) 7100173-01 Cable 40 Reach 3-Socket Plug
- (1) 7100179-01 Mounting Kit Truck Air S
- (1) 8100152-15 Cable Power 18 2 Cond
- (1) 1400161-03 Cover Trojan Side mount
- (1) 1400163-05 Spacer Bar Side Mount 5
- (2) 6300094-03 Mount Plate Side Steel Trojan

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### System, Dump Truck, Air Scale™ Rear w/Trojan Transducer Steer Axle

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#### 9101500-10 Components

- (1) 8500570-10 Meter 9100GW Digital Lbs
- (1) 8300370-10 Trojan Transducer 3 Cab
- (1) 8100187-01QC Transmitter 12V, 1 Lead
- (1) 8100812-01QC Transmitter Assembly
- (1) 8300960-10R Pressure Transducer. 150 PSI
- (2) 7100173-01 Cable 40 Reach 3-Socket Plug
- (1) 7100179-01 Mounting Kit Truck Air S
- (1) 8100152-15 Cable Power 18 2 Cond
- (1) 1400161-03 Cover Trojan Side mount
- (1) 1400163-05 Spacer Bar Side Mount 5/
- (2) 6300094-03 Mount Plate Side Steel Trojan

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### System, Air Scale™ Rear, Trojan Transducer Steer Axle, Tractor Only

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#### 9101500-35 Components

- (1) 8500570-10 Meter 9100GW Digital Lbs
- (1) 8100187-01QC Transmitter 12V, 1 Lead
- (1) 8100812-01QC Transmitter Assembly
- (1) 8300960-10R Pressure Transducer. 150 PSI
- (1) 7100173-01 Cable 40 Reach 3-Socket Plug
- (1) 7100179-01 Mounting Kit Truck Air S
- (1) 8100152-20 Cable Power 23 2 COND
- (1) 7100173-15 Cable 15 3-Socket plastic
- (1) 6190008-20 Manual Owners 9100GW MET
- (1) 6190188 Trojan Installation
- (1) 8300370-21 Transducer Trojan Side Mount