



ASSEMBLY AND PARTS LIST MANUAL



RELIABELT CONVEYOR

20-35 • 20-45 • 20-55

SN 36-06967 & HIGHER



www.meridianmfg.com

DECLARATION OF CONFORMITY

We the Manufacturer:

**Meridian Manufacturing Inc.
PO Box 1996 2800 Pasqua Street North
Regina, Sk,Canada
S4P 3E1**

Declare the Conveyors listed below conform to the 2006/42/EC Machinery
Directive

RELIABELT 20-35
RELIABELT 20-45
RELIABELT 20-55

The Meridian Reliabelt Conveyor Series
is designed for the movement of Grains and Cereals.

INTRODUCTION

CONGRATULATIONS

Congratulations on your choice of a Reliabelt Conveyor. This conveyor has been designed and manufactured to meet the exacting standards for such equipment in the agricultural industry and will keep your seed delivery system at optimum efficiency.

Safe, efficient, and trouble-free operation of your conveyor requires that you and anyone else who will be operating or maintaining the conveyor, read and understand the Safety, Operation, Maintenance, and Troubleshooting information contained within this manual.

This manual covers the operating procedures and maintenance of the conveyor designed by Meridian Manufacturing, Inc. Use the Table of Contents as a guide to locate required information.

INTENDED USE

This Conveyor is designed to elevate grain being dumped from a vehicle or container and deposited into another conveyor or container. It is not intended to convey any other product, such as fertilizer and canola.

OWNER/OPERATOR

It is the responsibility of the owner or operator to read this manual and to train all other operators before they start working with the conveyor. Follow all safety instructions exactly. Safety is everyone's business. By following recommended procedures, a safe working environment is provided for the operator, bystanders, and the area around the work site. Untrained operators are not qualified and must not operate the conveyor.

In addition to the design and configuration of the conveyor, hazard control and accident prevention are dependent upon the awareness, concern, prudence, and proper training of personnel involved in the operation, transport, maintenance, and storage of the conveyor. Follow all safety instructions as provided in this manual.

Keep this manual accessible for easy reference. Call your Meridian Manufacturing, Inc. dealer if you need assistance, information, or additional copies of the manuals.

The information, specifications, and illustrations in this manual are those in effect at the time of printing. We reserve the right to change specifications or design at any time without notice.

OWNERSHIP CHANGES

If any of the equipment associated with this conveyor changes ownership, then the new owner(s) must be given all applicable documentation associated with all the components/equipment of the site. The new owners need to notify the individual manufactures of the ownership changes so that updates to product or documentation can be forwarded to the new owner(s). This should be done even if the conveyor is out of warranty because many manufacturers supply update notifications as long as they have valid ownership information.

 **WARNING**

DO NOT use an entire assembly, or even a component of an assembly, for anything other than the manufacturer's original intended use. Not only is the warranty voided, but the component can fail in the unintended application creating a hazard to the conveyor and the personnel using that conveyor.

END OF LIFE DISPOSAL

The Reliabelt conveyors are designed for the specific purpose of conveying grain. When this conveyor is no longer capable of doing its designed purpose, it should be dismantled and scrapped. Do not use any materials or components from this conveyor for any other purpose.

REPORTING HAZARD

If any of the equipment associated with this conveyor appears to pose a hazard, then it is the duty of the individual to report it immediately. If the hazard is the conveyor, then the manufacturer and site manager must be notified. If the hazard is a process, then the site manager must be notified. Unreported hazards can lead to serious injury or death to personnel.

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MERIDIAN EQUIPMENT SIGN-OFF SHEET

Meridian follows the general Safety Standards specified by the American Society of Agricultural Engineers (ASAE) and Occupational Safety and Health Administration (OSHA). Anyone who will be operating and/or maintaining the Meridian conveyor must read and clearly understand ALL Safety, Operating, and Maintenance information presented in this manual.

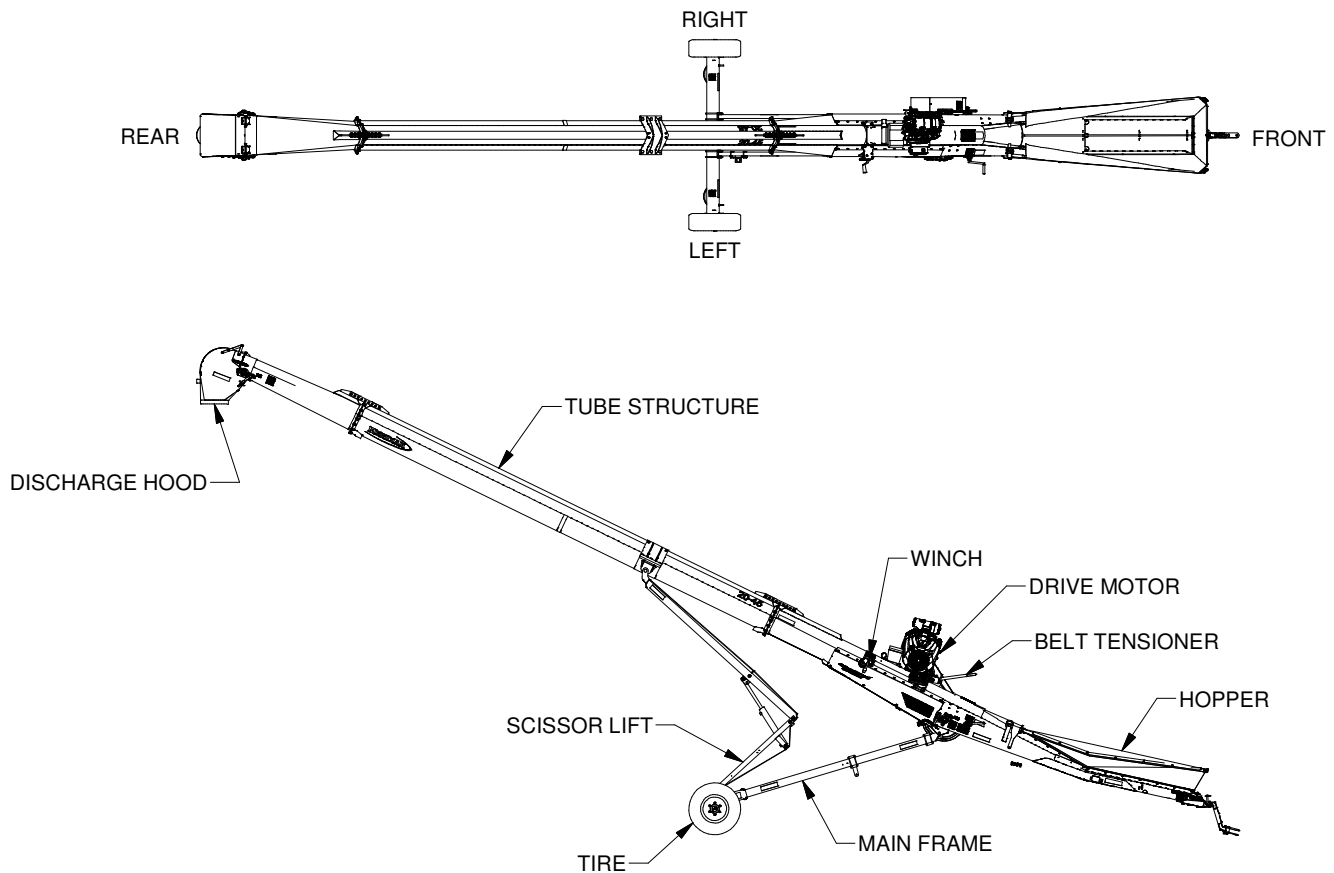
Do not allow anyone to operate this conveyor until such information has been reviewed. Annually review this information before the season start-up.

Make these periodic reviews of SAFETY and OPERATION a standard practice for all of your equipment. We believe an untrained operator is unqualified to operate this conveyor.

A sign-off sheet is provided for your recordkeeping to show that all personnel who will be working with the conveyor have read and understand the information in the Operator's Manual and have been instructed in the operation of the conveyor.

DATE	EMPLOYEE SIGNATURE	EMPLOYER SIGNATURE

CONVEYOR NOMENCLATURE



When standing at the hopper end, facing toward the front of the conveyor, the side to the left is considered the **Left Side**; the side to the right is considered the **Right Side**.

The end of the conveyor connected to a towing vehicle is the **Front**. The discharge or upper end of the conveyor is the back or **Rear**.

The frame components that raise and lower the front end of the conveyor is called the **Scissor Lift**. The trailer tires and wheels are attached to the **Main Frame**.

The **Tube Structure** is the largest structure of the conveyor. This structure guides the conveyor belt and keeps the grain from spilling from the belt.

The **Drive Motor** is used to propel the conveyor belt. V-belts attach the drive motor to the conveyor belt drive roller.

The **Discharge Hood** gathers the seed coming off the conveyor belt and directs it downward.

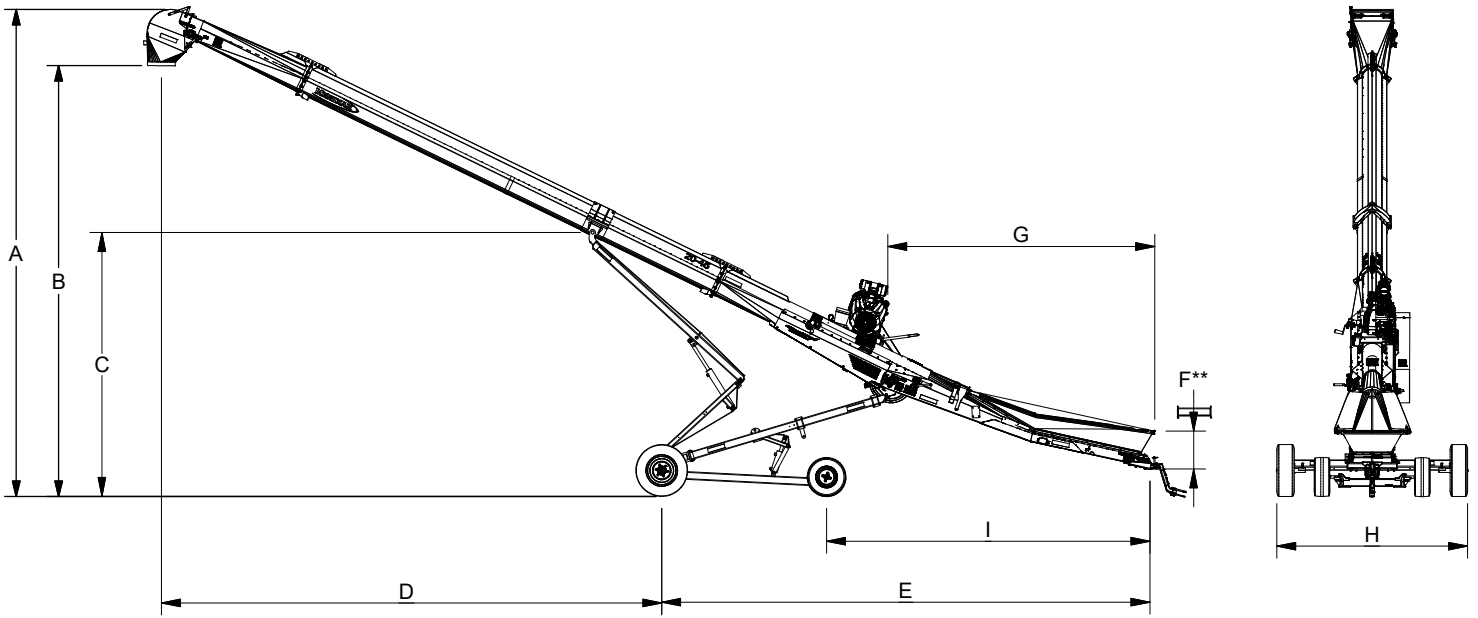
The **Hopper** is located at the rear end of the conveyor and is where the grain is deposited from a transport vehicle or another conveyor. The hopper has a spring loaded bale that allows the canvas sides of the hopper to collapse if contacted by the dumping vehicle.

The **Winch** is attached to the tube structure near the hopper. The winch is used to raise and lower the front end of the conveyor assembly.

The **Belt Tensioner** is used to properly tension the V-belts that will provide the necessary force to keep the belt tight.

SPECIFICATIONS

OVERALL SPECIFICATIONS



Model	Dimension	Transport*	25° Incline	Fully Raised
20-35	A	9'-6"	15'-3"	19'-0"
	B	6'-9"	12'-6"	16'-6"
	C	6'-3"	9'-9"	12'-9"
	D	10'-3"	9'-9"	9'-3"
	E	22'-0"	21'-9"	20'-9"
	F	Raised: 21" Lowered: 10"		
	G	12'-3"	11'-8"	10'-7"
	H	8'-0"		
	I	14'-10"	14'-7"	13'-7"
20-45	A	11'-9"	19'-3"	24'-6"
	B	9'-0"	16'-9"	22'-0"
	C	6'-3"	9'-9"	12'-9"
	D	20'-0"	18'-9"	18'-0"
	E	22'-0"	21'-9"	20'-9"
	F	Raised: 21" Lowered: 10"		
	G	12'-3"	11'-8"	10'-7"
	H	8'-0"		
	I	14'-10"	14'-7"	13'-7"
20-55	A	12'-6"	23'-6"	26'-0"
	B	9'-9"	21'-0"	23'-6"
	C	6'-3"	11'-6"	12'-9"
	D	26'-3"	24'-9"	24'-3"
	E	25'-9"	25'-3"	25'-0"
	F	Raised: 21" Lowered: 10"		
	G	12'-3"	11'-8"	10'-7"
	H	8'-0"		
	I	18'-7"	18'-1"	17'-10"

* Transport Height taken with top of Hitch at 16"

** With the Conveyor on Grade, measured from Top of Grade to Top of Canvas

ELECTRICAL SPECIFICATIONS

There are different voltage and phase options available for the conveyors. The table below lists these various options and the corresponding part numbers. These components must be purchased separately.

SPECIFICATIONS

Electrical Motor Options And Specifications		
Conveyor Length	Motor Size and Voltage	Full-Load Amps
25', 35', 45'	10HP 1PH 230V	12.5
25', 35', 45'	15HP 3PH 575V	18.5

BOLT SPECIFICATIONS

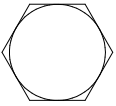


The torque value for bolts and capscrews are identified by their head markings. Replacing higher Grade bolts (Grade 8) with lower Grade bolts (Grade 5) will lead to conveyor failure and can result in injury or death. Always use replacement bolts with the same Grade markings as the removed bolt.

BOLT TORQUE VALUES

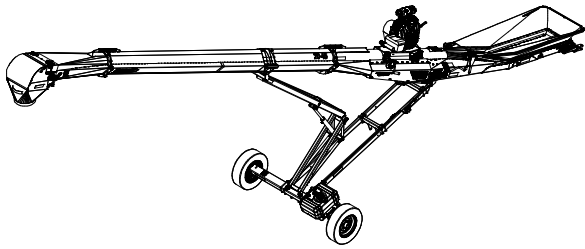
Torque figures indicated above are valid for nongreased or non-oiled threads and heads unless otherwise specified. Therefore, do not grease or oil bolts or capscrews unless otherwise instructed in this manual. When using locking elements, increase torque values by 5%.

Bolt Diameter A	SAE Grade 2 N.m (ft-lbs)		SAE Grade 5 N.m (ft-lbs)		SAE Grade 8 N.m (ft-lbs)	
1/4	8	(6)	12	(9)	17	(12)
5/16	13	(10)	25	(19)	36	(27)
3/8	27	(20)	45	(33)	63	(45)
7/16	41	(30)	72	(53)	100	(75)
1/2	61	(45)	110	(80)	155	(115)
9/16	95	(70)	155	(115)	220	(165)
5/8	128	(95)	215	(160)	305	(220)
3/4	225	(165)	390	(290)	540	(400)
7/8	230	(170)	570	(420)	880	(650)
1	345	(225)	850	(630)	1320	(970)

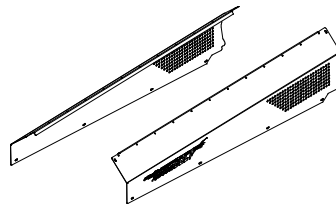
GRADE MARKINGS CHART

 No Marking	Grade 2 Low or Medium Carbon Steel
 3 Radial Lines	Grade 5 Medium Carbon Steel Quenched and Tempered
 6 Radial Lines	Grade 8 Medium Carbon Alloy Steel, Quenched and Tempered

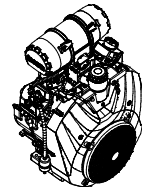
CONVEYOR 20-35/45/55 GAS ENGINE PACKAGE CONSISTS OF THE FOLLOWING



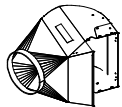
*35 PN# 14200350201-00
*45 PN# 14200450201-00
*55 PN# 14200550201-00



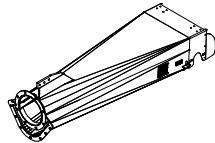
INTAKE COVER SIDE
RH PN# 13000005827-00
LH PN# 13000005829-00



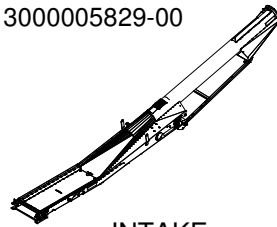
GAS ENGINE
*35 PN# 13000006652-01
*45/55 PN# 13000042345-01



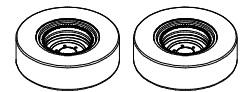
DISCHARGE SPOUT
PN# 13000005500-00



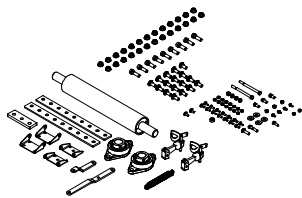
TOP BOX
PN# 13000005672-00



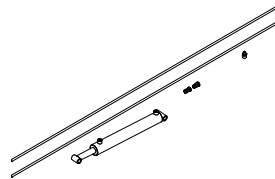
INTAKE
PN# 13000005810-00



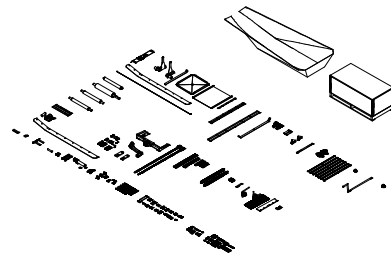
TIRES
PN# 13000006633-00



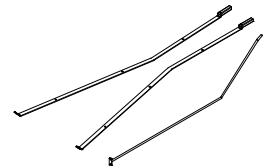
HARDWARE BOX
DISCHARGE
PN# 13000006215-00



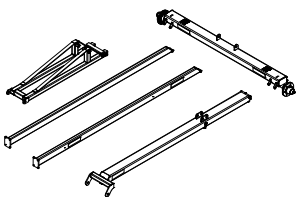
HYDRAULIC KIT
*35/45 PN# 13000006102-00
*55 PN# 13000006792-00



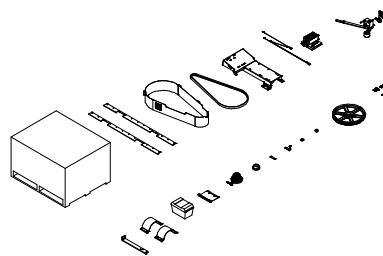
HARDWARE BOX
INTAKE 5FT
PN# 13000006218-00



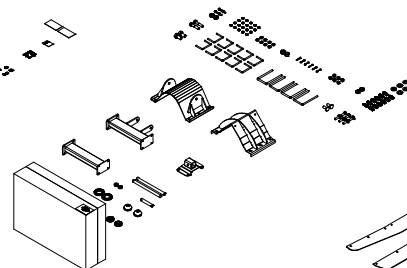
MISC. BUNDLE
INTAKE
PN# 13000006216-00



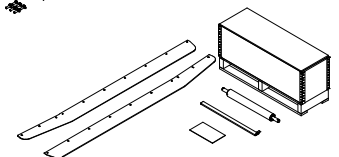
BUNDLE FRAME
MAIN FRAME
*35/45 PN# 13000006222-00
*55 PN# 13000006367-00



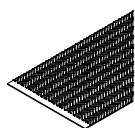
HARDWARE BOX
RELABEL GAS
PN# 130000010706



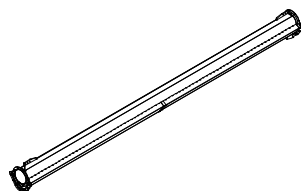
HARDWARE BOX
MAIN FRAME
PN# 13000006221-00



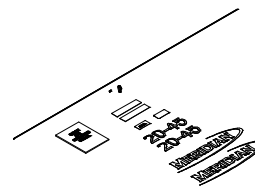
SolK rBELT 2019 E
PN# 130000010021-00



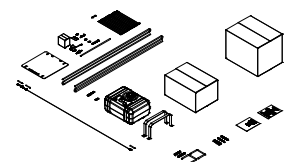
CONVEYOR BELT
*35 PN# 13000006162-00
*45 PN# 13000005904-00
*55 PN# 13000006161-00



TUBE
*35 PN# 13000005584-00
*45 PN# 13000005586-00
*55 PN# 13000005670-00



BAG - CABLE AND DECALS
*35 PN# 13000006772-00
*45 PN# 13000006611-00
*55 PN# 13000006613-00



ALTERNATE FUEL
TANK LOCATION KIT
PN# 130000010228

20-35/45/55 TUBE ASSEMBLY

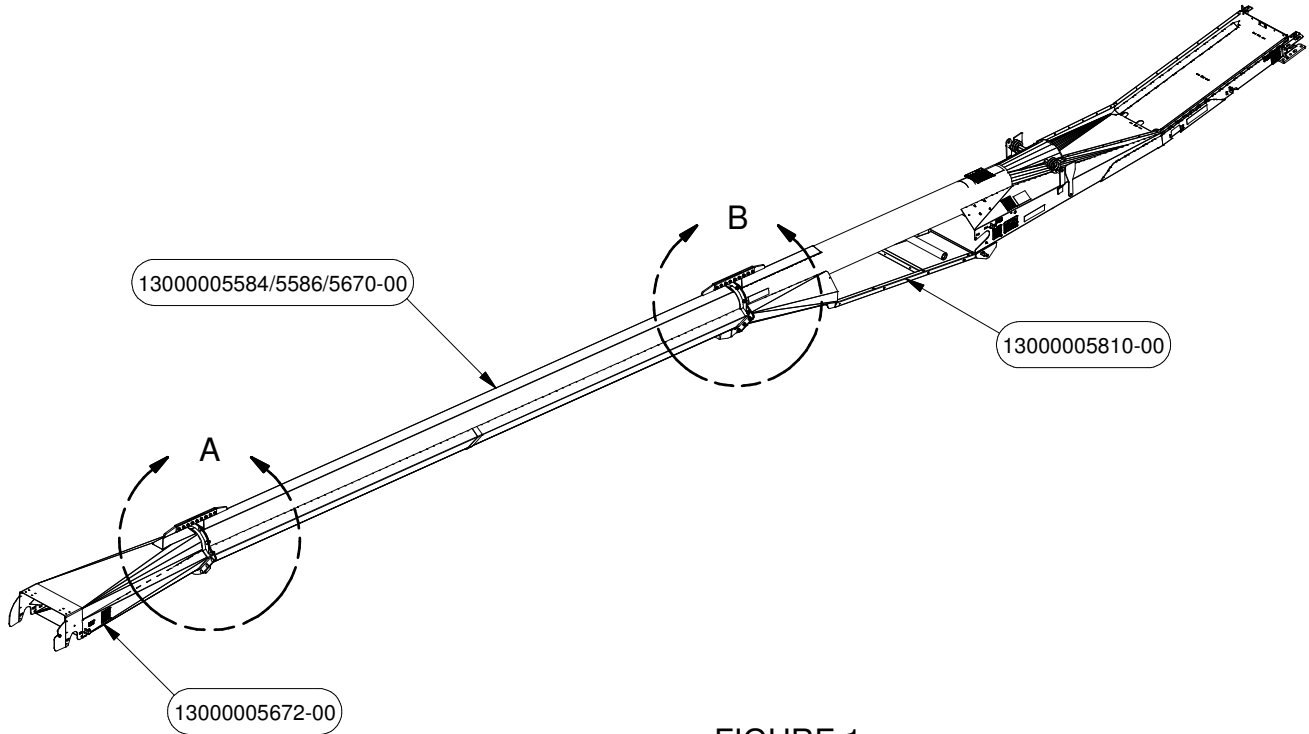
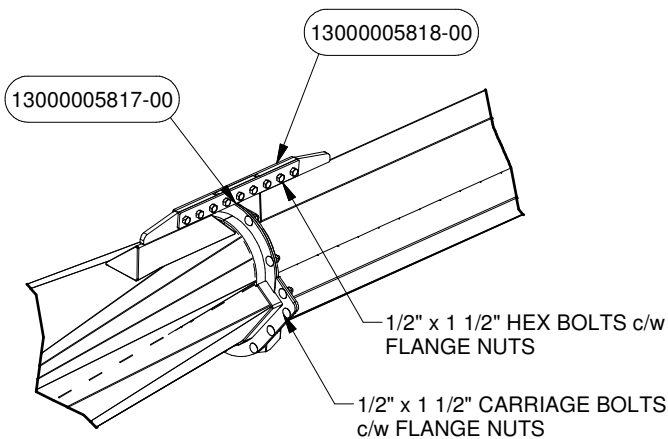
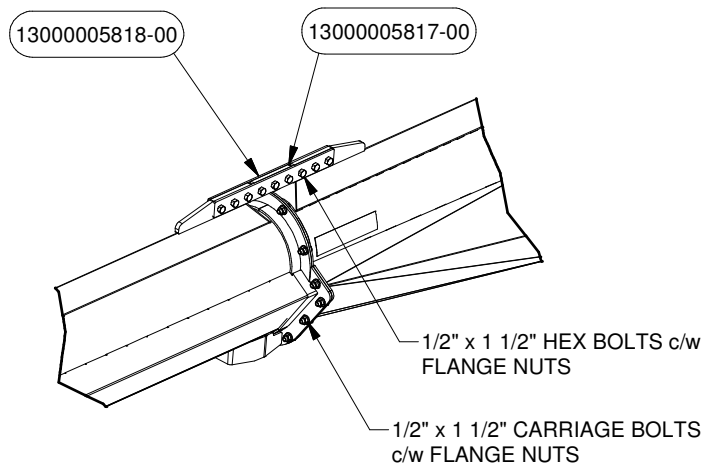


FIGURE 1

1. Attach the Discharge Top Box PN# 5672 to the Tube PN# 5584/5586/5670 using 2 pcs. of Tube Outside Brace PN# 5818 and Tube Spacer Plate PN# 5817 complete with Bolts and Nuts found in Bolt Bag PN# 5820 (See Detail A). All parts and Bolt Bag can be found in the Discharge Hardware Box PN# 6215.
2. Attach the Intake PN# 5810 to the Tube PN# 5584/5586/5670 using 2 pcs. Tube Outside Brace PN# 5818 and Tube Spacer Plate PN# 5817 complete with Bolts and Nuts found in Bolt Bag PN# 5820 (See Detail B). All parts and Bolt Bag can be found in the Intake Hardware Box PN# 6218.



DETAIL A



DETAIL B

SETUP

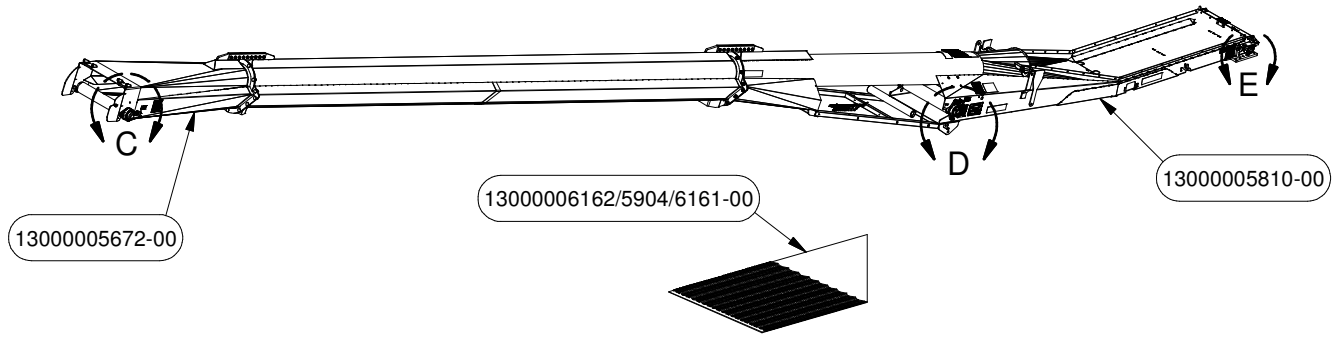
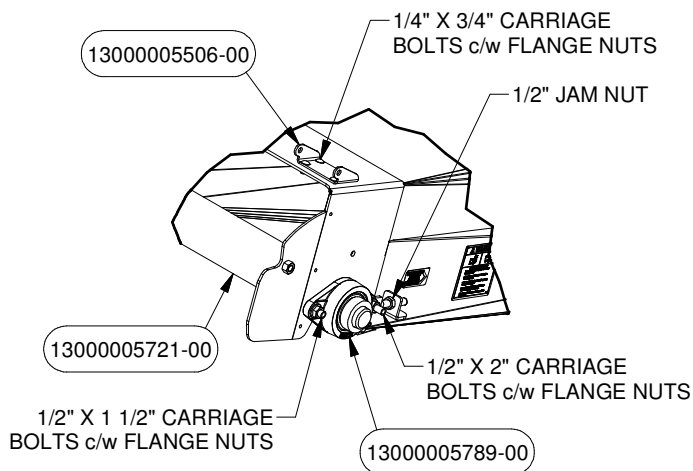


FIGURE 2

3. Attach the Roller PN# 5721 and Bearings PN# 5789 to the Discharge PN# 5672 using Carriage Bolts c/w Flange Nuts (See Detail C). Attach the Adjuster Tab PN# 5503 c/w Jam Nut as shown below. Fasteners can be found in Bolt Bag PN# 6072.

Attach the Hinges PN# 5506 to the Discharge using Carriage Bolts c/w Flange Nuts (See Detail C). Fasteners are found in Bolt Bag PN# 5816.

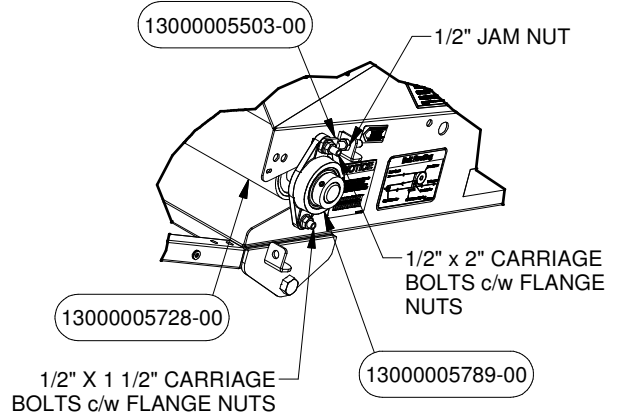
All parts and Bolt Bag can be found in the Discharge Hardware Box PN# 6215.



DETAIL C

4. Attach the Roller PN# 5728 and Bearings PN# 5789 to the Intake PN# 5810 using Carriage Bolts c/w Flange Nuts (See Detail D). Attach the Adjuster Tab PN# 5503 c/w Jam Nut as shown in Detail D. Fasteners can be found in Bolt Bag PN# 5830.

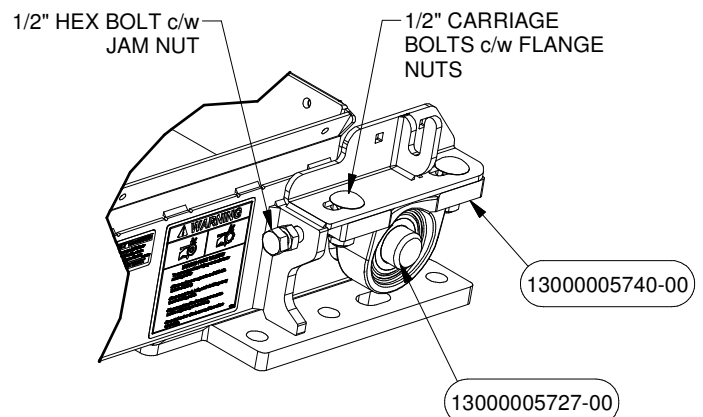
All parts and Bolt Bag can be found in the Intake Hardware Box PN# 6218.



DETAIL D

5. Attach the Roller PN# 5727 and Bearings PN# 5740 to the Intake PN# 5810 using Carriage Bolts c/w Flange Nuts (See Detail E). Attach 1/2" Hex Bolt c/w Jam Nut as shown below. Fasteners are found in Bolt Bag PN# 5825.

All parts and Bolt Bag can be found in the Intake Hardware Box PN# 6218.



DETAIL E

SETUP

- Attach a cable or rope to one end of the Coveyor Belt PN# 6162/5904/6161. Insert the Belt in the Intake and pull it into the tube structure with the cable or rope until it comes out from the Discharge.

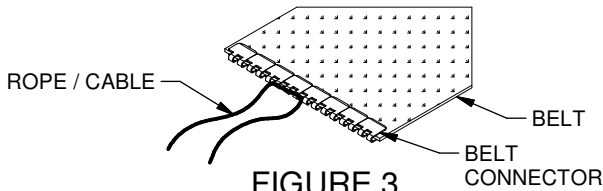


FIGURE 3

- Feed the belt back through the tube structure. Pull it with the cable or rope until it comes out from the Intake, then join the two ends together using the Belt Connectors pn# 5920 (Figure 4).

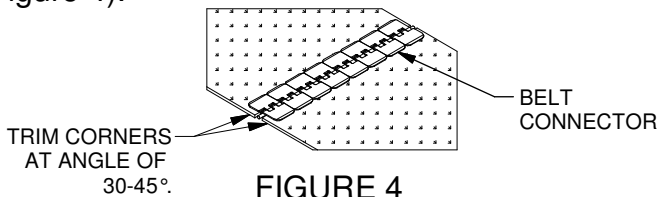


FIGURE 4

- Assemble the hopper (Figure 5). For Steps 8 to 23 all parts and Bolt Bag can be found in the Intake Hardware Box PN# 6218.

Attach the Cover PN# 5679 to the Intake using Carriage Bolts c/w Washers and Nuts (see Detail F) that can be found in Bolt Bag PN# 5825.

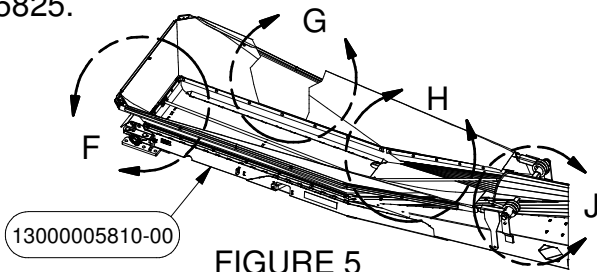
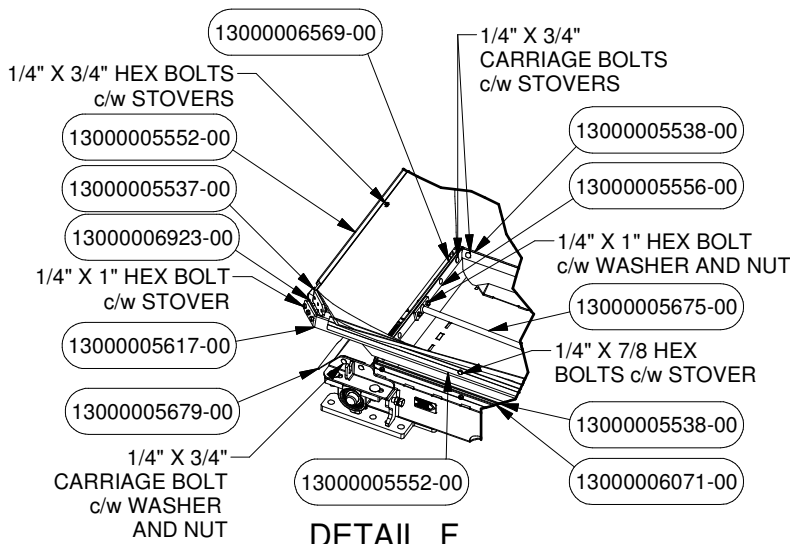


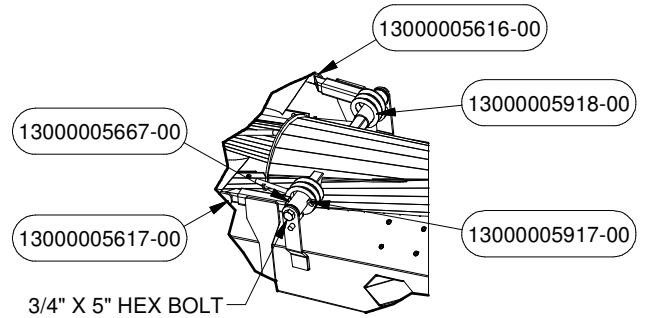
FIGURE 5



DETAIL F

- Insert the Springs PN# 5918 and 5917 to the LH Pivot PN# 5665 and RH Pivot PN# 5667 as shown in Detail J. Attach both Pivots to the Intake using Hex Bolts that can be found in Bolt Bag PN# 6026.

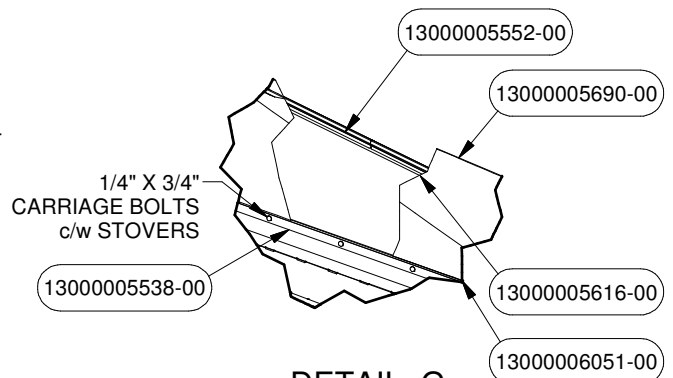
- Attach the RH Hopper Hoop PN# 5617 to RH Pivot PN# 5667 and LH Hopper Hoop PN# 5616 to LH Pivot PN# 5665 (See Detail J). Connect PN# 5617 and PN# 5616 with the Cross Arm PN# 5537 using Hex Bolts c/w Nylock Nut (See Detail F). Fasteners can be found in Bolt Bag PN# 6026.



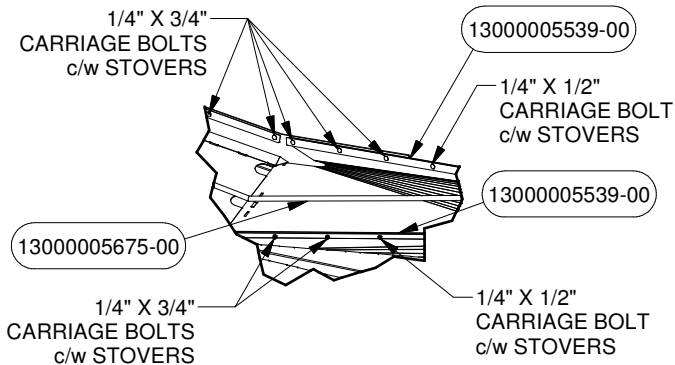
DETAIL J

- Place PN# 6923 in between PN# 5537 and PN# 6616/6617 and Canvas. Attach the Canvas PN# 5690 to PN# 5616, PN# 5617, and PN# 5537 using the Clips PN# 5552 c/w Hex Bolts and Nuts (See Detail F and Detail G). Fasteners can be found in Bolt Bag PN# 6026.

- Attach the Canvas PN# 5690 to the Intake by placing Rubbers PN# 6569, 6051, and 6071 on top and insert the Flashing Strips PN# 5538, 5539, and 5556 into the Canvas then fasten it using Carriage Bolts c/w Stover Nuts. (See Details F, G and H for locations). Fasteners can be found in Bolt Bag PN# 6026.



DETAIL G



DETAIL H

NOTE: CANVAS NOT SHOWN FOR CLARITY

13. Insert the end of the Belt Depressor PN# 5675 in to a hole in a flange as shown in Figure 6. Then attach it at the end of the Intake using 1/4 Hex Bolts c/w Washers and Nuts that can be found in Bolt Bag PN# 6026 as shown in Detail F.

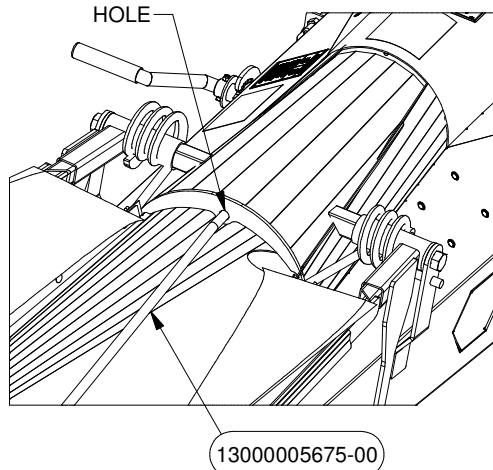


FIGURE 6

14. Attach the Scraper PN# 5553 to the Intake PN# 5810. Insert the other end in to a Rectangular Hole then fasten it using a Hex Bolt c/w Nut and Washer.

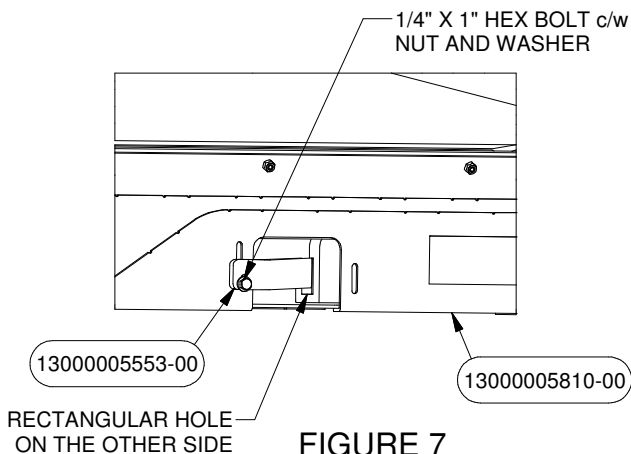


FIGURE 7

15. Loop the conveyor belt and slide in Rollers PN# 5726 and 5730 as shown in Figure 8.

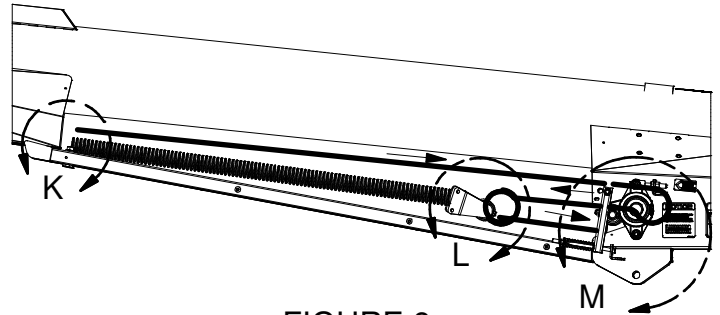
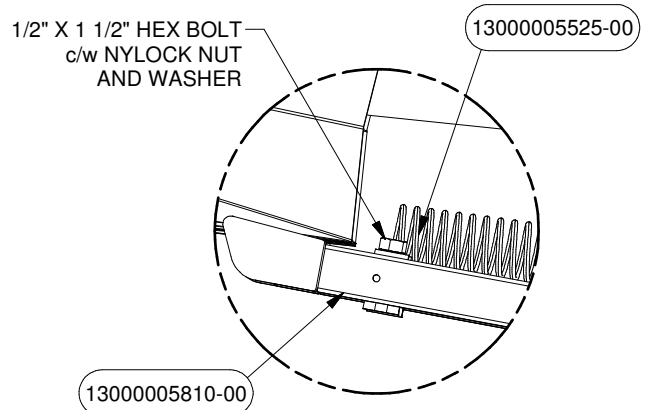


FIGURE 8

NOTE: GUARDS NOT SHOWN FOR CLARITY

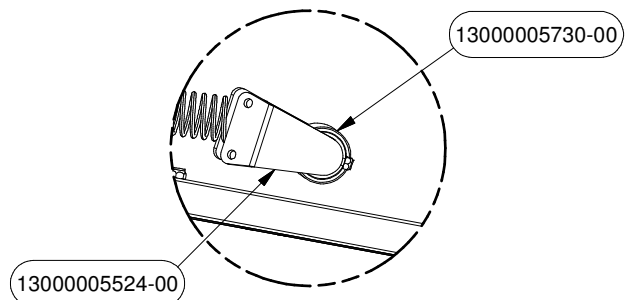
16. Attach the Springs PN# 5525 to the Intake using Hex Bolts c/w Stover Nuts and Washers as shown in Detail K. Fasteners can be found in Bolt Bag PN# 5830.



DETAIL K

17. Attach the Springs PN# 5525 to the SE Cup as shown in Detail L, then attach the SE Cup to the Roller PN# 5730 using Hex Bolts c/w Nylock Nuts. Fasteners can be found in Bolt Bag PN# 5830.

Distance between the centre of Roller PN# 5730 and the centre of the Drive Roller PN# 5728 must be 12-16" (see Figure 9). If not, add or remove belt length.



DETAIL L

NOTE: BELT NOT SHOWN FOR CLARITY

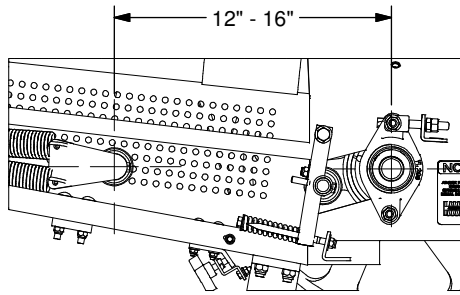


FIGURE 9

18. Attach the Pinch Tube PN# 5516 to the Intake PN# 5810 using Hex Bolt c/w Stover Nut and washer (See Detail M). Fasteners can be found in Bolt Bag PN# 5830.
19. Attach the Roller PN# 5726 to the Pinch Tube using Hex Bolts c/w Stover Nut and washer. (See Detail M) Fasteners can be found in Bolt Bag PN# 5830.
20. Attach the Indicator PN# 6084 and the Spring PN# 5523 to the Pinch Tube using Hex Bolt c/w Stover Nut and Washers (See Detail M). Fasteners can be found in Bolt Bag PN# 5830.

21. Attach the Top Guard PN# 5557 to the Intake using the Brackets PN# 5555 and fasten it using Self Tapping Screws that can be found in Bolt Bag PN# 5830 (See Figure 10).

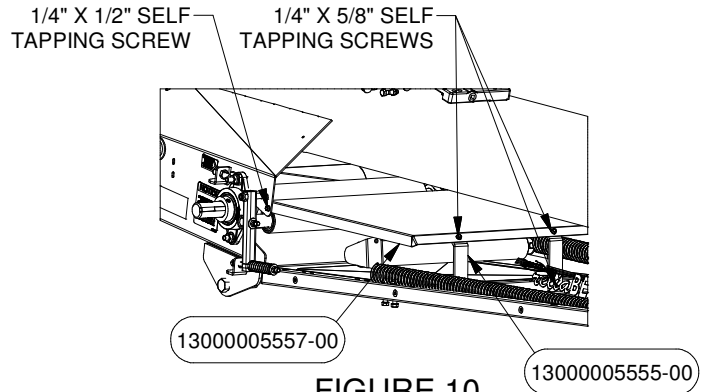


FIGURE 10

22. Attach the Bottom Guard PN# 5554 to the Intake using Self Tapping Screws that can be found in Bolt Bag PN# 5830 (See Figure 10.1).

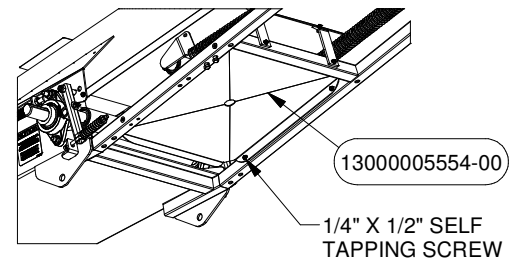


FIGURE 10.1

23. Apply some glue to the Grip Handle PN# 5805 then insert it to the Crank PN# 6225. Slide in the RH Sleeve PN# 6226, Crank Stop PN# 5982, and Crank Washer PN# 6025 to the Crank and fasten the RH Sleeve using 1/4" Hex Bolt c/w Nylock Nut (See Detail N).

Insert the Cable PN# 6030 in to the hole of RH Sleeve and pull it out from the Crank. Slide in the Crank Assembly to the Intake and attach LH Sleeve PN# 6227 using 1/4" Hex Bolt c/w Nylock Nut as shown in Figure 11.

Insert the end of the Cable in to the hole of the LH Sleeve then thread both ends to the hole of the Pivots PN# 5665 and PN# 5667 and clamp it using Cable Clamps PN# 32014109.

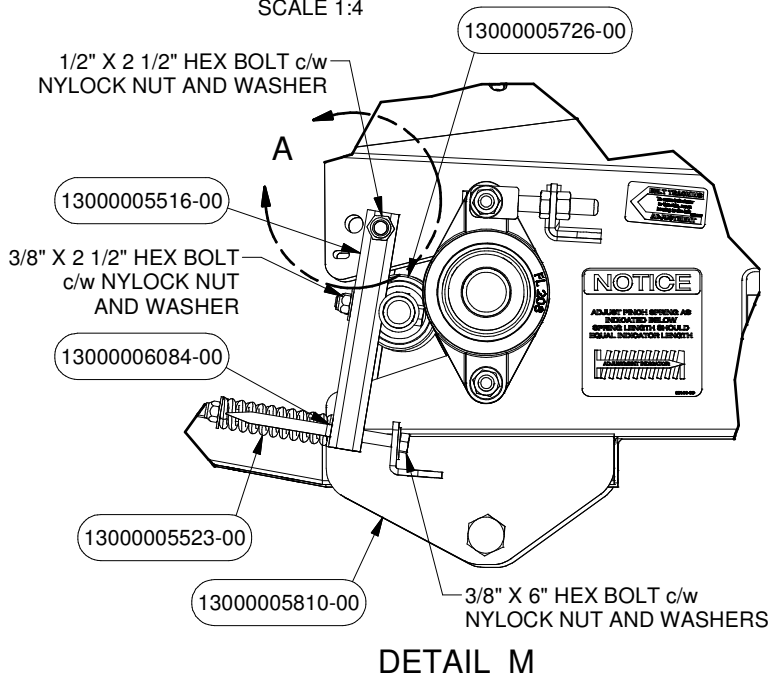
Mount the Crank Washer PN# 6025 to the Intake using 3/8" Hex bolt c/w Nylock Nut. See Figure 11

Clamps and Fasteners can be found in Bolt Bag PN# 6026 and PN# 6027.

This Hole Set Is For
A 4" Roller Setup

This Hole Set Is For
A 6" Roller Setup

DETAIL A
SCALE 1:4



DETAIL M

SETUP

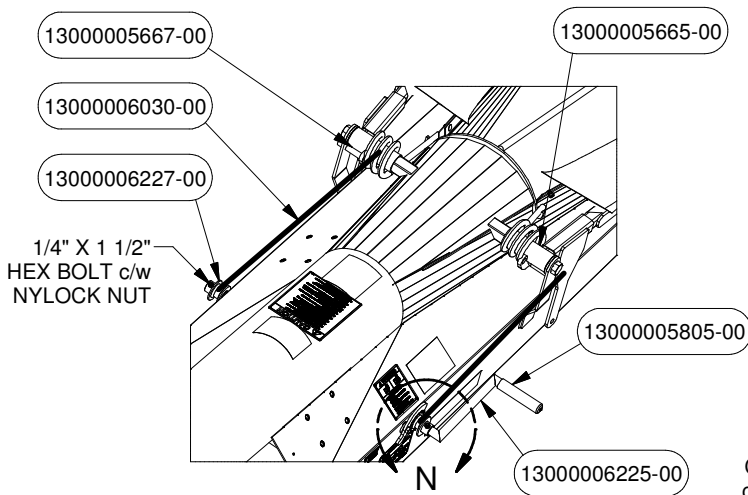
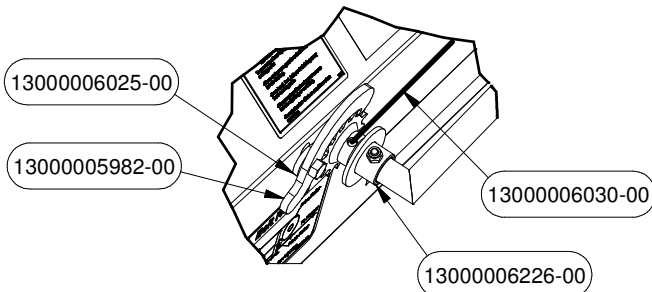


FIGURE 11



DETAIL N

24. For steps 24 to 25 all parts and Bolt Bag can be found in Discharge Hardware Box PN# 6215. Fasteners can be found in Bolt Bag PN# 5816.

Attach the Hinges PN# 5505 to the Spout PN# 5500 using Carriage Bolts c/w Nylock Nuts.

Connect the Flat Arms PN# 5823 and PN# 5607 then attach it to the Spout using Hex Bolts c/w Nylock Nuts (see Figure 12).

Attach the Spring PN# 5919 to the Spout and Discharge PN# 5672 using a Hex Bolt, and a Carriage bolt c/w Nylock Nuts and Washers as shown in Figure 12.

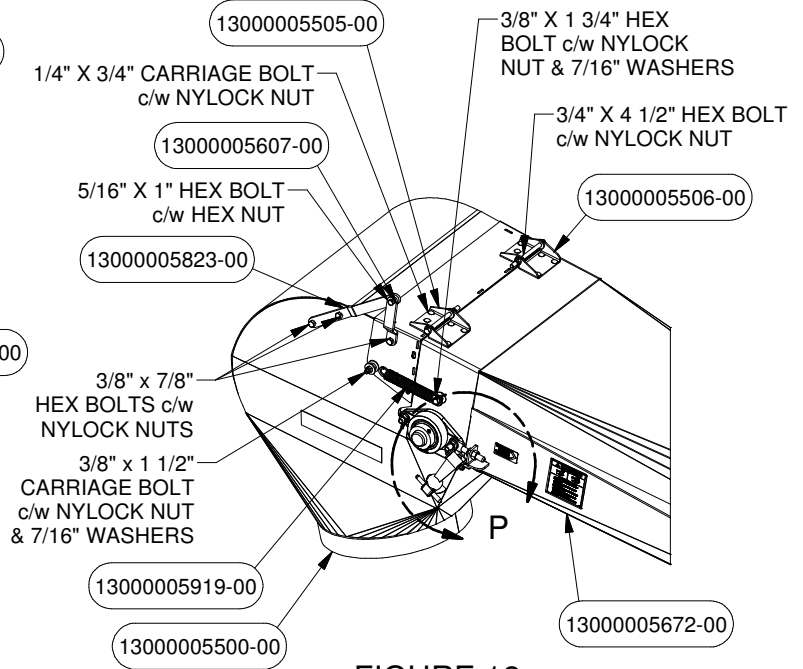
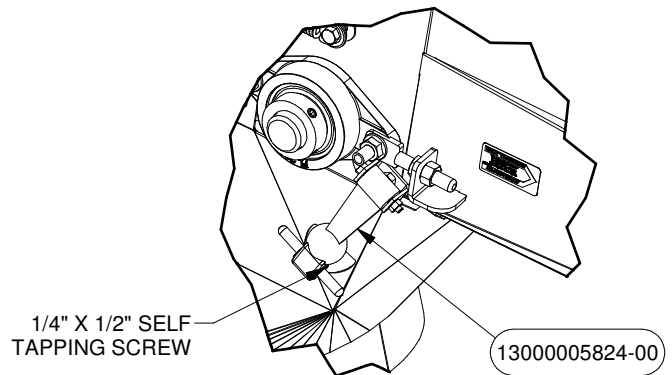


FIGURE 12

25. Attach the Latch PN# 5824 to the Discharge and Spout using Hex Bolt c/w Hex Nut and Self Tapping Screws (See Detail P).



DETAIL P

NOTE:

FOR INSTALLING DIESEL ENGINE REFER TO PAGE C11 AND FOR ELECTRIC ENGINE REFER TO PAGE C15

26. Attach the Motor Mount PN# 6224 and Clamps PN# 6223 using Hex Bolts c/w Nylock Nuts and Washers to the Intake PN# 5810. Take note that the Motor Mount should be 10" away from the Bottom Return. Mount the Winch PN# 6076 to the Clamp as shown in Figure 13.

Fasteners can be found in Bolt Bag PN# 10708. All parts and Bolt Bag can be found in Gas Kit Hardware Box PN# 10706.

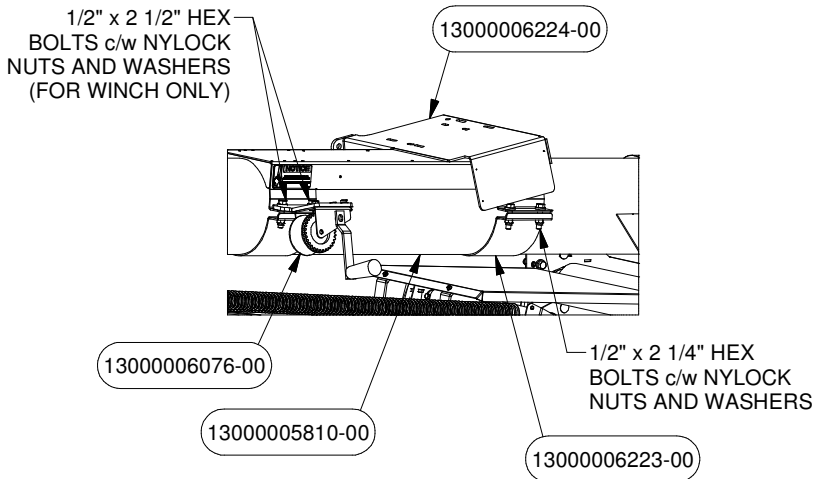


FIGURE 13

27. Place the Covers PN# 5827 and PN# 5829 with the Rubbers PN# 6069 and PN# 6070 to the Intake using Self Tapping Screws as shown in Figure 14. Fasteners can be found in Bolt Bag PN# 6068.

Attach the Bracket PN# 5559 to the Engine Mount and Intake using Hex Bolts c/w Nylock Nuts. Fasteners can be found in Bolt Bag PN# 6049.

All parts and Bolt Bag can be found in the Intake Hardware Box PN# 6218.

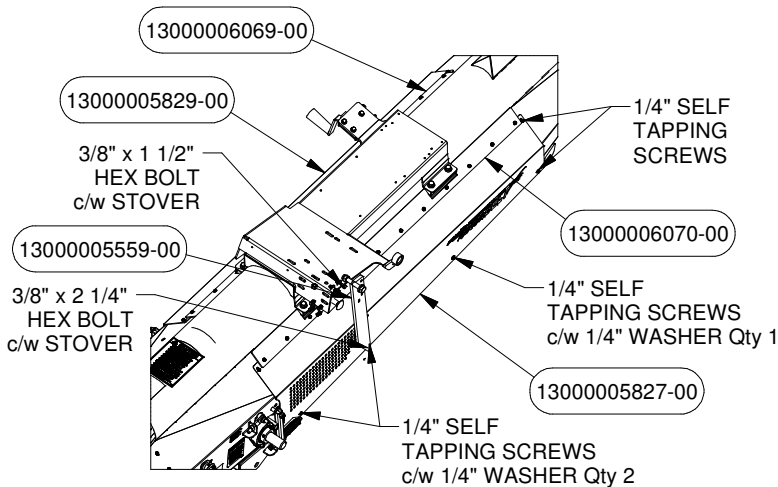


FIGURE 14

29. Wrap the Cable PN# 6029 to the Winch PN# 6076 as shown in Figure 15. Loop the other end to the Bolt located at the Arms and clamp it using Cable Clamps PN# 32014109 as shown in Figure 15.1. Cable can be found in a Kit PN# 6611.

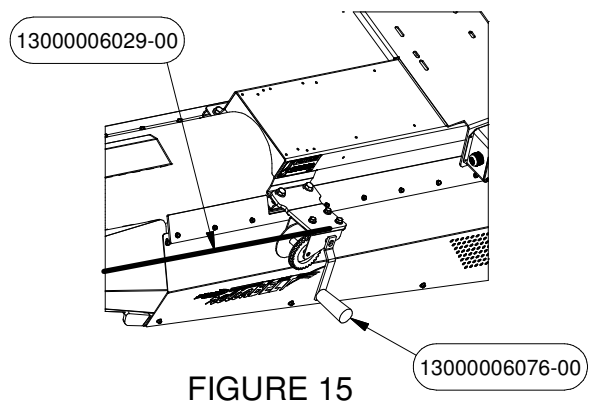


FIGURE 15

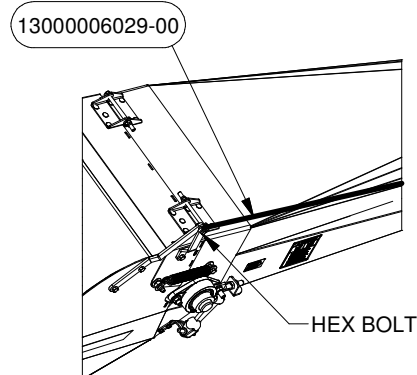


FIGURE 15.1

30. Attach the Manual Holder PN# 5049 to the Engine Mount PN# 6224 using its included 1/4" Self Tapping Screws.

Attach the Control Box Pn# 6017 to the Engine Mount using its included fasteners.

Attach the Battery Mount PN# 5560 to the Engine Mount using Self Tapping Screws as shown in Figure 16. Fasteners can be found in Bolt Bag PN# 10708.

Attach the Battery Box PN 7226 to the Battery Mount by using Self tapping Screws inside the box to the mount. Fasteners can be found in Bolt Bag PN# 6064.

Install the Gas Tank to the Main Frame Axle and plumb the Fuel Lines to the Engine by following Installation Instructions PN# 10352 found in Fuel Tank Kit PN# 10228.

All parts and Bolt Bags can be found in the Gas Hardware Box PN# 10706.

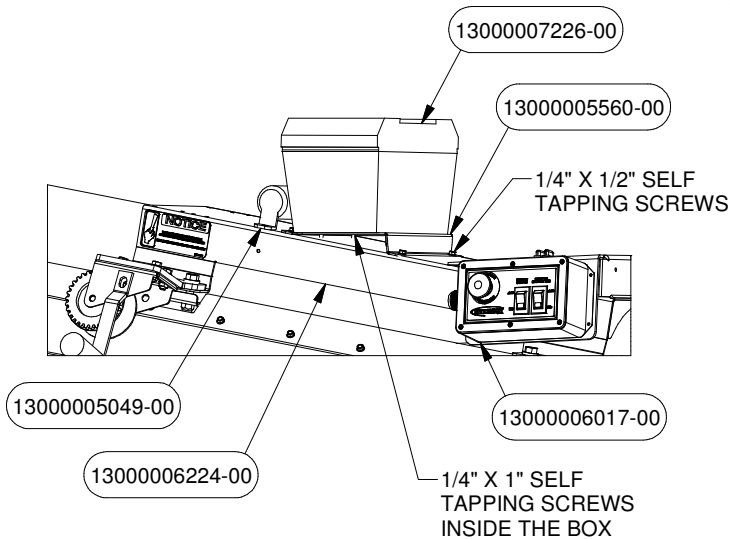


FIGURE 16

31. Attach the Gas Engine to the Engine Mount PN# 6224 using Hex Bolts c/w Nylock Nut and Washers as shown in Figure 17. Fasteners can be found in Bolt Bag PN# 6064. Bolt Bag can be found in Reliabelt Gas Hardware Box PN# 10706.

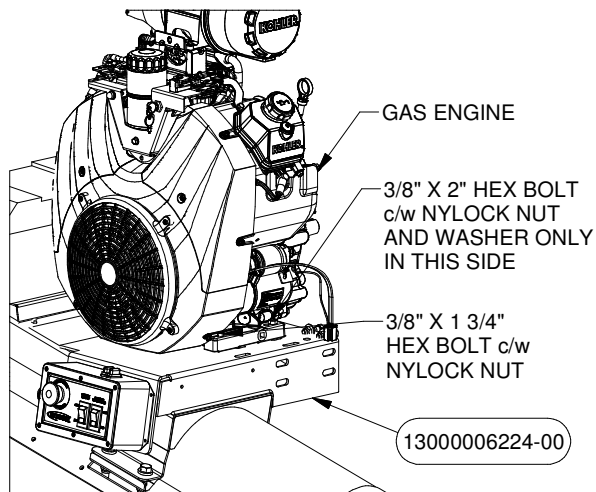


FIGURE 17

32. Attach the Sheave PN# 5528 and QD Bushing PN# 5529 to the Roller PN# 5728 and lock it using a Square Key PN# 5173 included in Bolt Bag PN# 5830.

Mount the Tensioner PN# 6247 to the Engine Mount PN# 6224 using its included fasteners.

- 32 cont. Parts and Bolt Bags can be found in the Intake Hardware Box PN# 6218 and the Gas Hardware Box PN# 10706.

See Figure 18 for details.

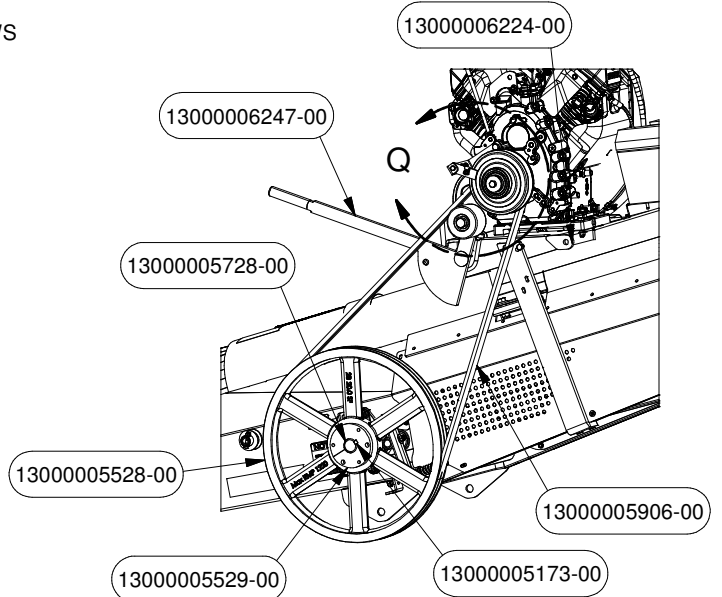
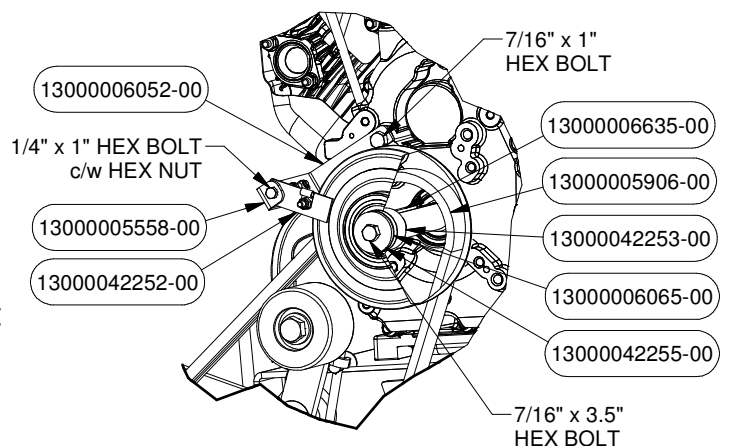


FIGURE 18

33. Insert the Clutch Bushings PN# 42255 and PN# 42253 and the Clutch PN# 42252 to the Engine's Shaft and lock it using a Square Key PN# 6635, step washer and Hex Bolt.

Attach the Clutch Brackets PN# 5558 and PN# 6052 to the Engine using Hex Bolts c/w Nylock Nuts (see Detail Q). Place the Belt PN# 5906 as shown in Figure 18.

All parts and Bolt Bag can be found in Reliabelt Gas Hardware Box PN# 10706.



DETAIL Q

34. Attach the Belt Guard Braces PN# 5567, and PN# 6060 using Hex Bolts c/w Nuts as shown in Details R, S, and T.

Install the Belt Guard PN# 6059 and lock it using Handwheels PN# 5802 as shown in Figure 19.

All Fasteners are found in Bolt Bag PN# 6045. The braces and Bolt Bag are found in the Intake Hardware Box PN# 6218.

The Belt Guard can be found in the Reliabelt Gas Hardware Box PN# 10706.

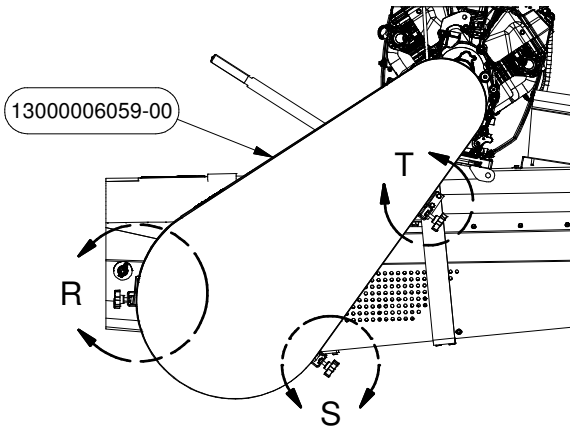
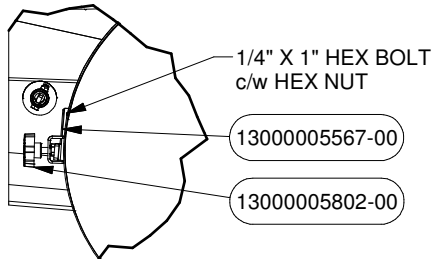
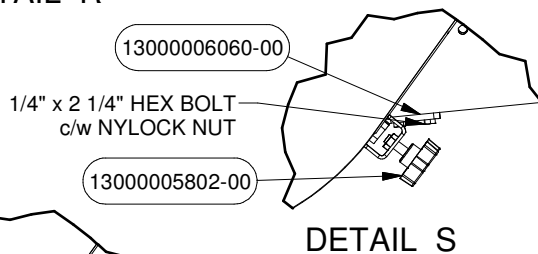


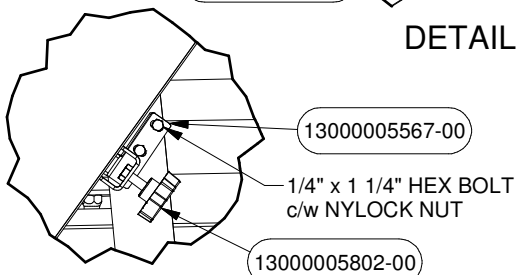
FIGURE 19



DETAIL R



DETAIL S



DETAIL T

35. Attach the Fuel Line to the Engine and Fuel Tank as per Instructions PN# 10352. Attach the Tachometer PN# 5801 to the Engine. All parts can be found in the Reliabelt Gas Hardware Box PN# 10706 & Fuel Tank Assembly Kit PN# 10228.

36. Attach the Hitch PN# 5510 to the Intake using Hex Bolts c/w Nylock Nuts as shown in Figure 20.

Attach Drawbar Plates PN# 5811 and PN# 5812 to the Drawbar PN# 5813 using Carriage Bolts c/w Hex Flange Nuts.

Attach the Drawbar PN# 5813 to the Hitch and lock it using a Pin PN# 1646 and Safety Chain PN# 7863 (see Figure 20).

Fasteners can be found in Bolt Bag PN# 6074. All parts and Bolt Bag can be found in PN# 6217.

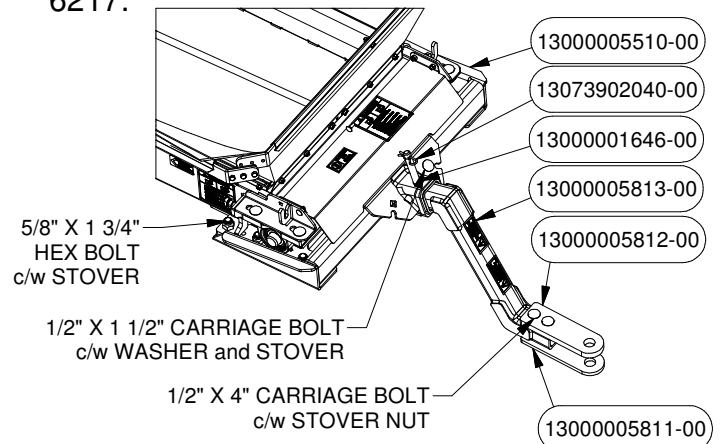


FIGURE 20

37. Place the Decals found in Kit PN# 6772/6611/6613 on the Tube as shown in Figure 21.

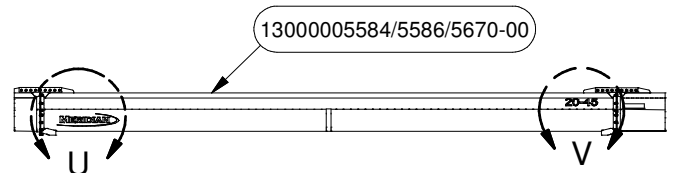
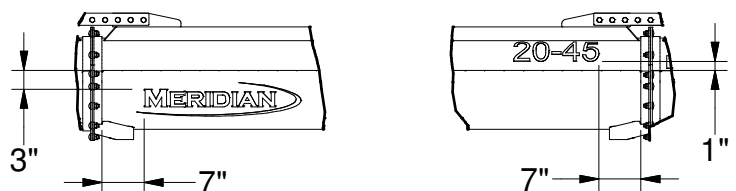


FIGURE 21



DETAIL U

DETAIL V

20-35/45/55 CONVEYOR DIESEL ENGINE ASSEMBLY

NOTE:

THE DIESEL ENGINE PACKAGE CONSISTS OF THE SAME PARTS AND COMPONENTS SHOWN IN PAGE C1 EXCEPT THAT THE GAS ENGINE HARDWARE BOX PN# 10706 AND INTAKE HARDWARE BOX PN# 6218 ARE NOT INCLUDED. INSTEAD WHAT IS INCLUDED ARE THE DIESEL ENGINE HARDWARE BOX PN# 7044 AND DIESEL INTAKE HARDWARE BOX PN# 7188.

1. Attach the Motor Mount PN# 6601 and Clamps PN# 6223 using Hex Bolts c/w Nylock Nuts and Washers to the Intake PN# 5810. See Figure 22 for details. Take note that the Motor Mount should be right against the Bottom Return.

Fasteners can be found in Bolt Bag PN# 7045. All parts and Bolt Bag can be found in Diesel Engine Hardware Box PN# 7044.

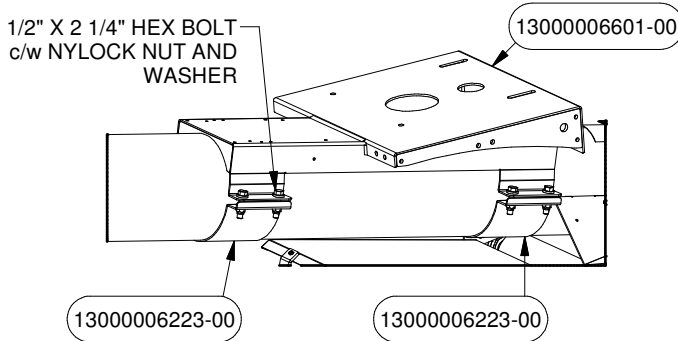


FIGURE 22

2. Mount the Winch PN# 6693 to the Tube Flange using Carriage Bolts c/w Hex Nuts as shown in Figure 23.

Fasteners can be found in Bolt Bag PN# 6692. All parts and Bolt Bag can be found in Diesel Engine Hardware Box PN# 7044.

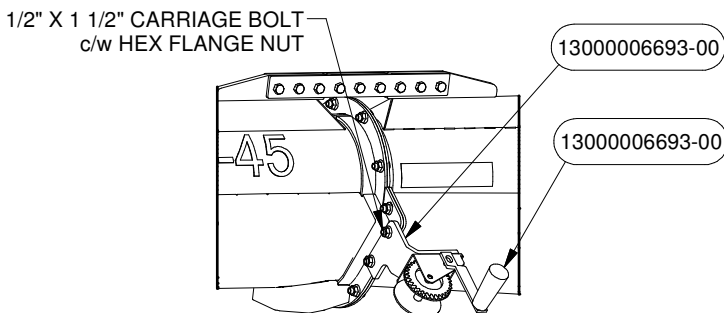


FIGURE 23

3. Place the Covers PN# 5827 and PN# 5829 with the Rubbers PN# 6870 and PN# 6871 to the Intake using Self Tapping Screws and washers as shown in Figure 24. Fasteners can be found in Bolt Bag PN# 6068.

Attach the Bracket PN# 6603 to the Engine Mount and Intake using Hex Bolts c/w Stover Nuts. Fasteners can be found in Bolt Bag PN# 6951.

All parts and Bolt Bag can be found in the Intake Hardware Box PN# 7188.

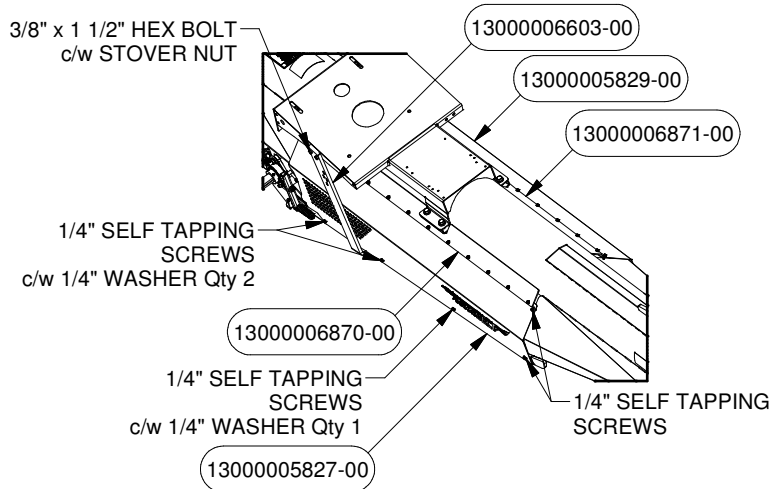
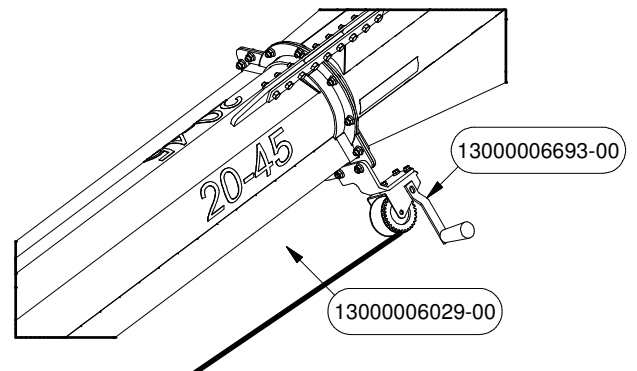


FIGURE 24

4. Wrap the Cable PN# 6029 to the Winch PN# 6693 as shown in Figure 25. Loop the other end to the Bolt located at the Arms and clamp it using Cable Clamps PN# 6030 as shown in Figure 25.1. Cable can be found in a Kit PN# 6611.



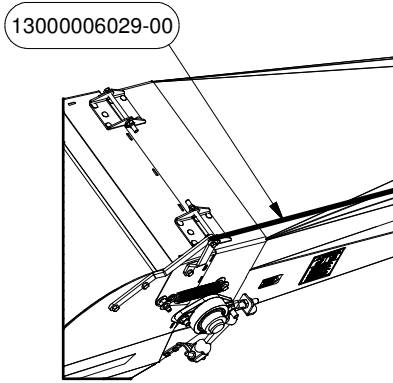


FIGURE 25.1

- Attach the Manual Holder PN# 5049 to the Engine Mount PN# 6601 using its included 1/4" Self Tapping Screws.

Attach the Control Mount PN# 6669 to the Engine Mount using Hex Bolts c/w Nuts. Fasteners can be found in Bolt Bag PN# 7186. Attach the Control Box PN# 6873 to the Control Mount using its included fasteners.

Attach the Battery Mount PN# 5560 to the Engine Mount using Self Tapping Screws. Attach the Battery Box PN# 7226 to the Battery Mount using Self tapping Screws.

Fasteners can be found in Bolt Bag PN# 7045 and 7186. Parts and Bolt Bags can be found in Diesel Engine Hardware Box PN# 7044. See Figure 26 for details.

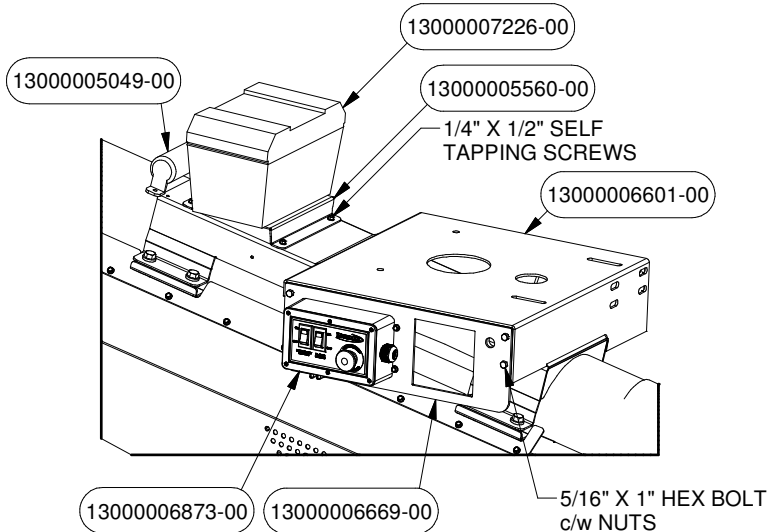


FIGURE 26

- Attach the Tank Mount PN# 6884 to the Intake using Hex Bolts c/w Stover Nut and Washers. Attach the Fuel Tank PN# 6960 to Tank Mount by using the Tie Down Plates PN# 6665 and Self Tapping Screws. Fasteners can be found in Bolt Bag PN# 6922. Bolt Bag can be found in Diesel Engine Hardware Box PN# 7044.

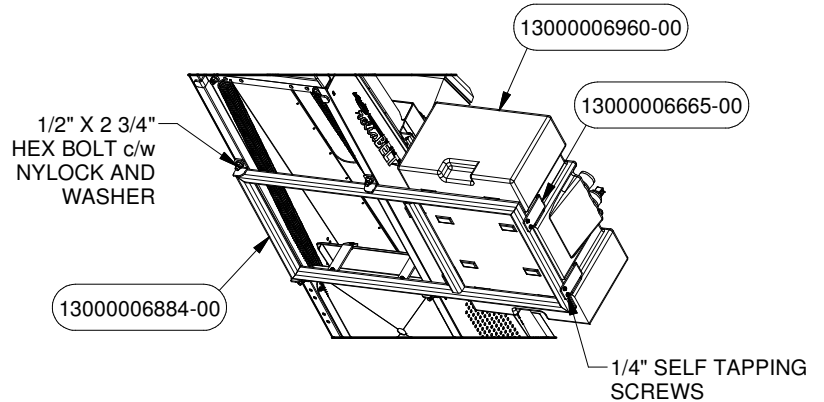


FIGURE 27

- Attach the Diesel Engine to the Engine Mount PN# 6601 using the Leg Mounts PN# 5694 and Hex Bolts c/w Stover Nut and Washers as shown in Figure 28.

Fasteners can be found in Bolt Bag PN# 7187. Bolt Bag can be found in Diesel Engine Hardware Box PN# 7044.

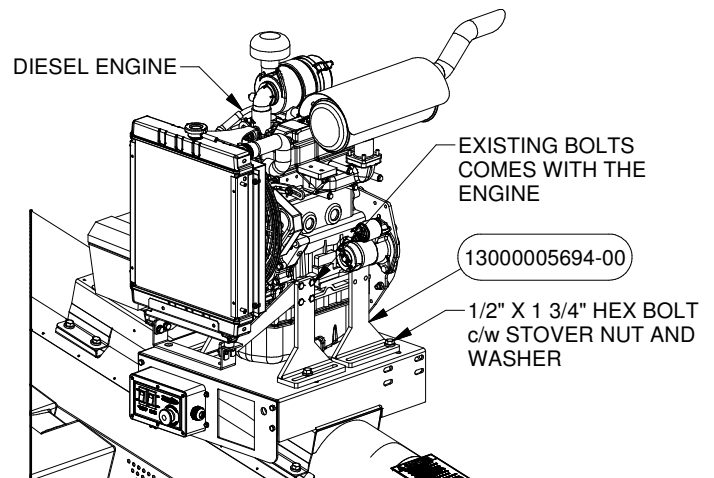


FIGURE 28

SETUP

8. Attach the Sheave PN# 5528 and QD Bushing PN# 5529 to the Roller PN# 5728 and lock it using a Square Key PN# 5173 included in Bolt Bag PN# 5830.

Mount the Tensioner PN# 6839 to the Engine Mount PN# 6601 using its included fasteners.

Attach the Flywheel Guard PN# 6667 to the Engine using Hex Bolts and Nylock Nuts. Fasteners can be found in Bolt Bag PN# 7187.

Parts and Bolt Bags can be found in the Diesel Engine Hardware Box PN# 7044. See Figure 29 for details.

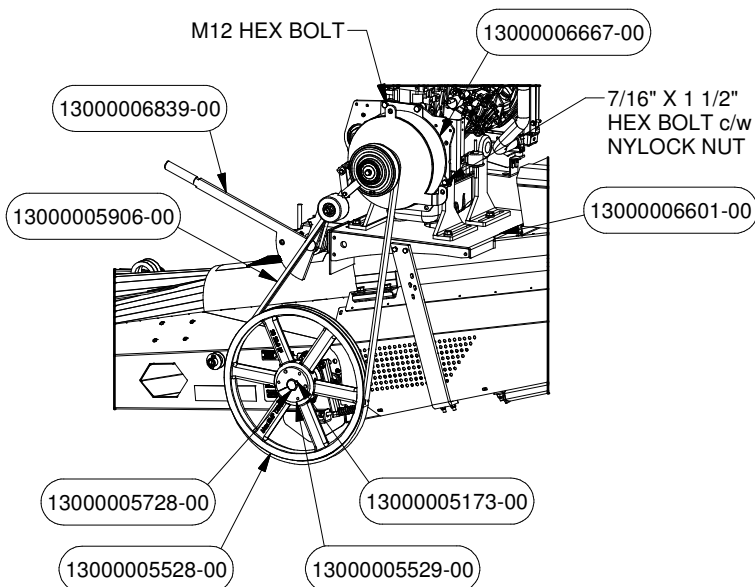


FIGURE 29

9. Insert the Clutch Bushing PN# 42253 and the Clutch PN# 5743 to the Engine's Shaft and lock it using a Square Key PN# 6635, collar PN# 42255 and the Hex Bolt.

Attach the Clutch Brackets PN# 5558 and PN# 6052 to the Flywheel Guard using Hex Bolts c/w Stover Nuts (see Figure 30). Place the Belt PN# 5906 as shown in Figure 28. Fasteners can be found in Bolt Bag PN# 6053.

All parts and Bolt Bag can be found in Diesel Engine Hardware Box PN# 7044.

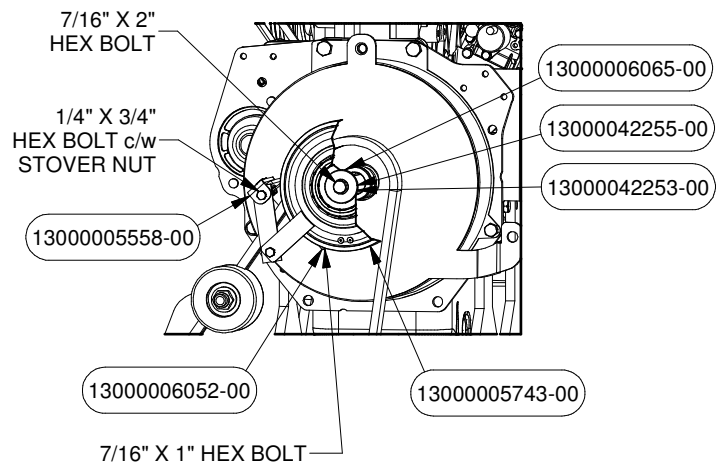


FIGURE 30

10. Attach the Belt Guard Braces PN# 5567, and PN# 6060 using Hex Bolts c/w Nuts.

Attach the Brackets PN# 5567 and 7182 to the Belt Guard PN# 7180 using Hex Bolts c/w Hex Nut and Washer.

Install the Belt Guard and lock it using Handwheels PN# 5802.

All Fasteners are found in Bolt Bag PN# 6951. The parts and Bolt Bag are found in the Diesel Engine Hardware Box PN# 7044. See Figure 31 for details.

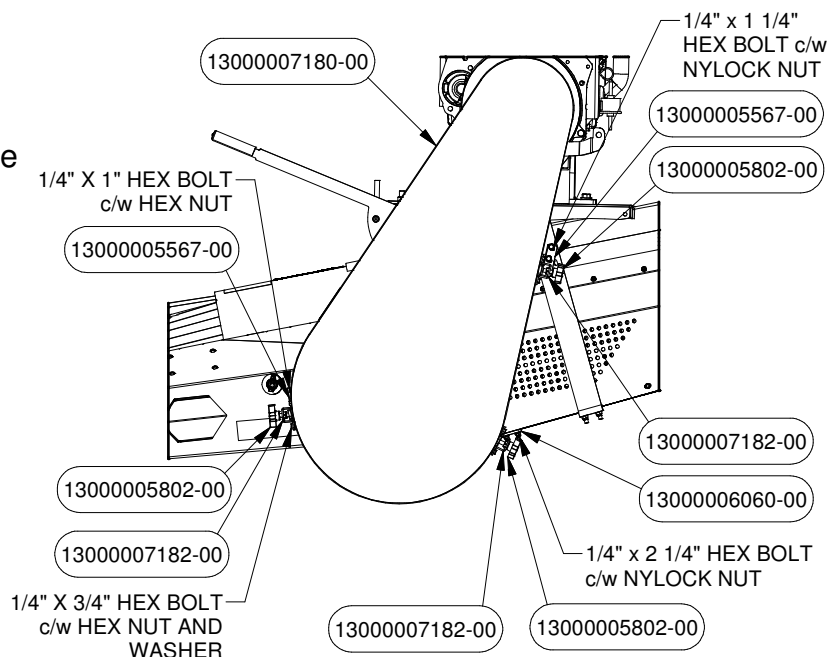


FIGURE 31

11. Attach the Fuel Line PN# 6953 and 6954 to the Engine and Fuel Tank PN# 6960. Parts can be found in the Diesel Engine Hardware Box PN# 10706.
12. Attach the Hitch PN# 5510 to the Intake using Hex Bolts c/w Nylock Nuts as shown in Figure 32.

Attach Drawbar Plates PN# 5811 and PN# 5812 to the Drawbar PN# 5813 using Carriage Bolts c/w Stover Nuts.

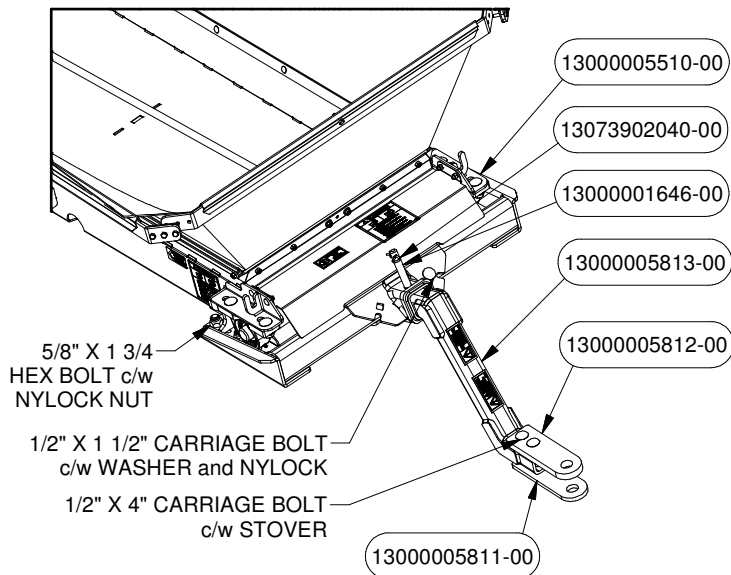


FIGURE 32

Attach the Drawbar PN# 5813 to the Hitch and lock it using a Pin PN# 1646 (see Figure 32) and Safety Chain PN# 7863 using Carriage Bolts, Washers and Nylock nuts.

Fasteners can be found in Bolt Bag PN# 6074. All parts and Bolt Bag can be found in PN# 6217.

13. Place the Decals found in Kit PN# 6772/6611/6613 on the Tube as shown in Figure 21 on page C10.

20-35/45/55 CONVEYOR ELECTRIC ENGINE ASSEMBLY

NOTE:

THE ELECTRIC ENGINE PACKAGE CONSISTS OF THE SAME PARTS AND COMPONENTS SHOWN IN PAGE C1 EXCEPT THAT THE GAS ENGINE HARDWARE BOX PN# 10706 AND INTAKE HARDWARE BOX PN# 6218 ARE NOT INCLUDED. INSTEAD WHAT IS INCLUDED ARE THE ELECTRIC ENGINE HARDWARE BOX PN# 7174 AND ENGINE INTAKE HARDWARE BOX PN# 7313.

1. Attach the Motor Mount PN# 6719 and Clamps PN# 5566 5" from Bottom Return using Hex Bolts c/w Nylock Nuts and Washers to the Intake PN# 5810.
2. Mount the Winch PN# 6076 to the Motor Mount using Hex Bolts c/w Hex Nuts. See Figure 33 for details.

Fasteners can be found in Bolt Bag PN# 7331. All parts and Bolt Bag can be found in Electric Engine Hardware Box PN# 7174.

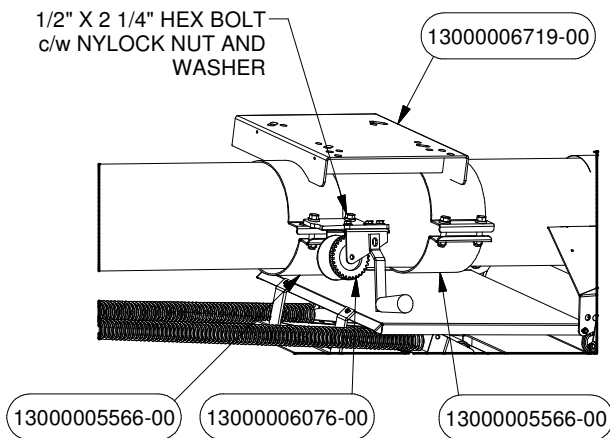


FIGURE 33

3. Place the Covers PN# 5827 and PN# 5829 with the Rubbers PN# 7165 and PN# 7166 to the Intake using Self Tapping Screws and washers as shown in Figure 34. Fasteners can be found in Bolt Bag PN# 6068.

All parts and Bolt Bag can be found in the Electric Intake Hardware Box PN# 7313.

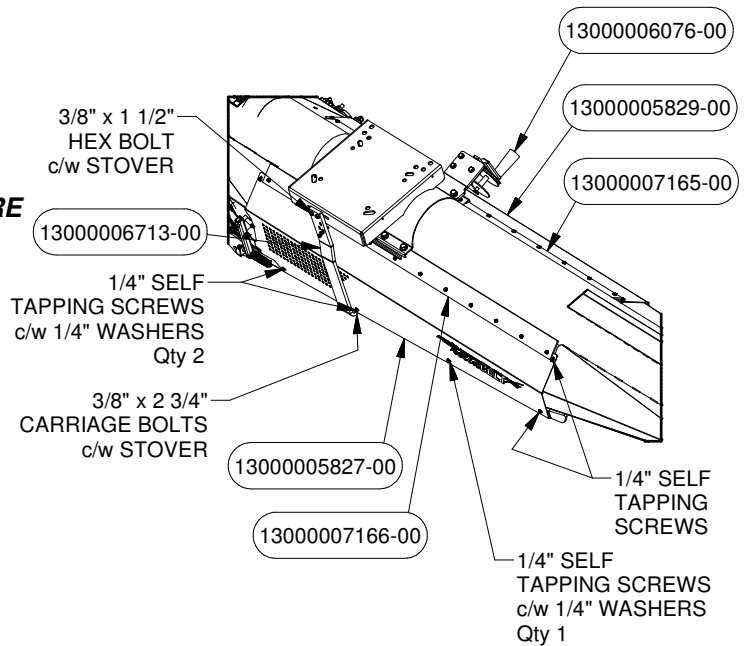


FIGURE 34

4. Wrap the Cable PN# 6029 to the Winch PN# 6076 as shown in Figure 34. Loop the other end to the Bolt located at the Arms and clamp it using Cable Clamps PN# 32014109 as shown in Figure 35. Cable can be found in a Kit PN# 6772/6611/6613.

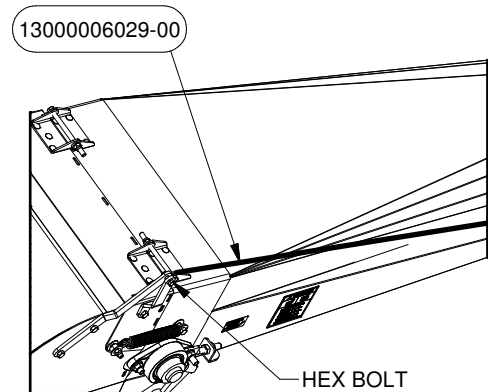


FIGURE 35

5. Attach the Manual Holder PN# 5049 to the Engine Mount PN# 6601 using its included 1/4" Self Tapping Screws. Parts can be found in Electric Intake Hardware Box PN# 7313. See Figure 36 for details.

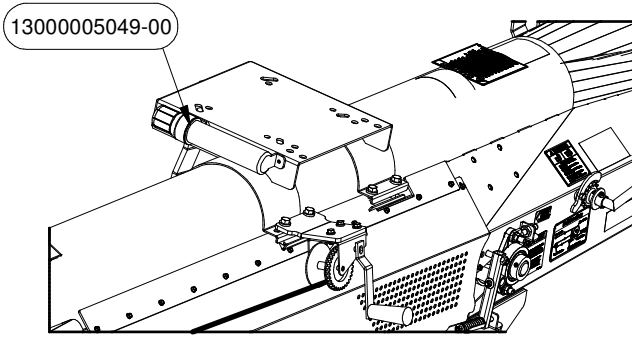


FIGURE 36

6. Attach the Electric Engine to the Engine Mount PN# 6719 using Hex Bolts c/w Nylock Nut and Lock Washers as shown in Figure 37.

Fasteners can be found in Bolt Bag PN# 7331. Bolt Bag can be found in Electric Engine Hardware Box PN# 7174.

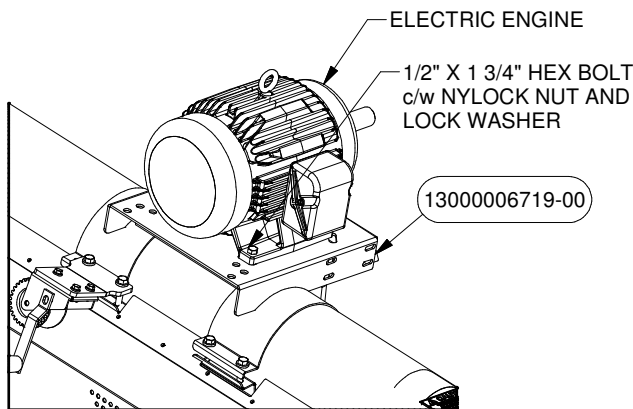


FIGURE 37

7. Attach the Sheave PN# 5528 and QD Bushing PN# 5529 to the Roller PN# 6139 and lock it using a Square Key PN# 5173 included in Bolt Bag PN# 5830.

Mount the Tensioner PN# 6247 to the Engine Mount PN# 6719 using its included fasteners.

Attach the Bracket PN# 6713 to the Engine Mount and Intake using Hex Bolts c/w Nylock Nuts. Fasteners can be found in Bolt Bag PN# 6049.

Bolt Bags and Parts can be found in the Electric Engine Hardware Box PN# 7174. See Figure 38 for details.

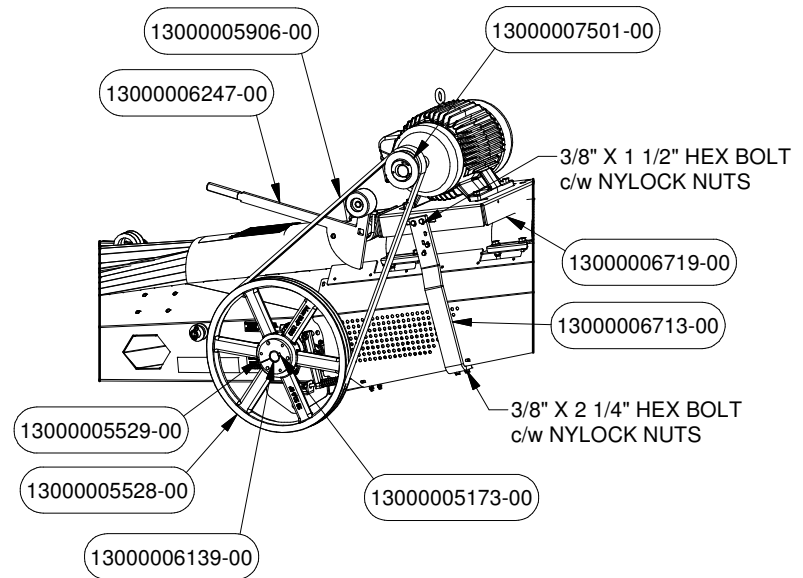


FIGURE 38

8. Attach the Belt Guard Braces PN# 5567, and PN# 6060 using Hex Bolts c/w Nuts.

Slide in the Belt Guard PN# 6059 to the the Belt Guard Braces and fasten the Handwheels PN# 5802.

All Fasteners are found in Bolt Bag PN# 6049. The parts and Bolt Bag are found in the Electric Engine Hardware Box PN# 7174.

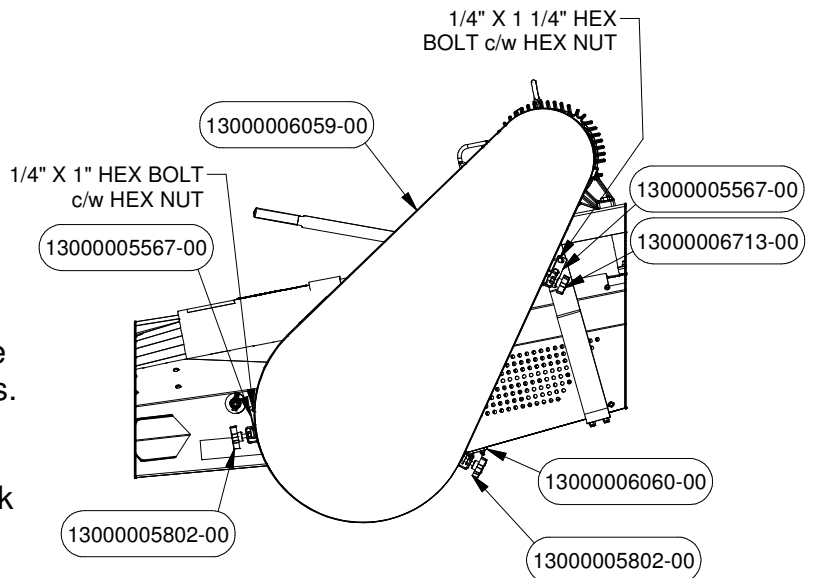


FIGURE 39

- Attach the Hitch PN# 5510 to the Intake using Hex Bolts c/w Nylock Nuts as shown in Figure 40.

Attach Drawbar Plates PN# 5811 and PN# 5812 to the Drawbar PN# 5813 using Carriage Bolts c/w Stover Nuts.

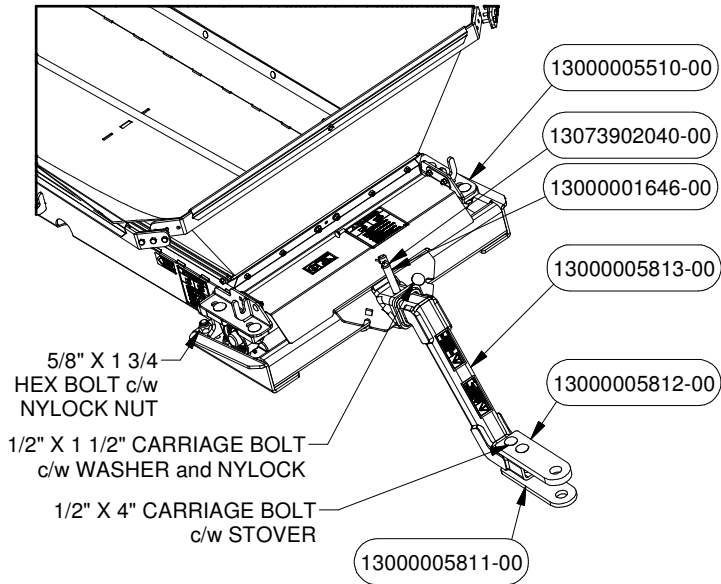


FIGURE 40

Attach the Drawbar PN# 5813 to the Hitch and lock it using a Pin PN# 1646 and Safety Chain PN# 7863 using Carriage Bolts, Washers and Nylock Nuts (see Figure 32).

Fasteners can be found in Bolt Bag PN# 6074. All parts and Bolt Bag can be found in PN# 6217.

- Place the Decals found in Kit PN# 6772/6611/6613 on the Tube as shown in Figure 21 on page C10.

20-35/45/55 MAIN FRAME ASSEMBLY

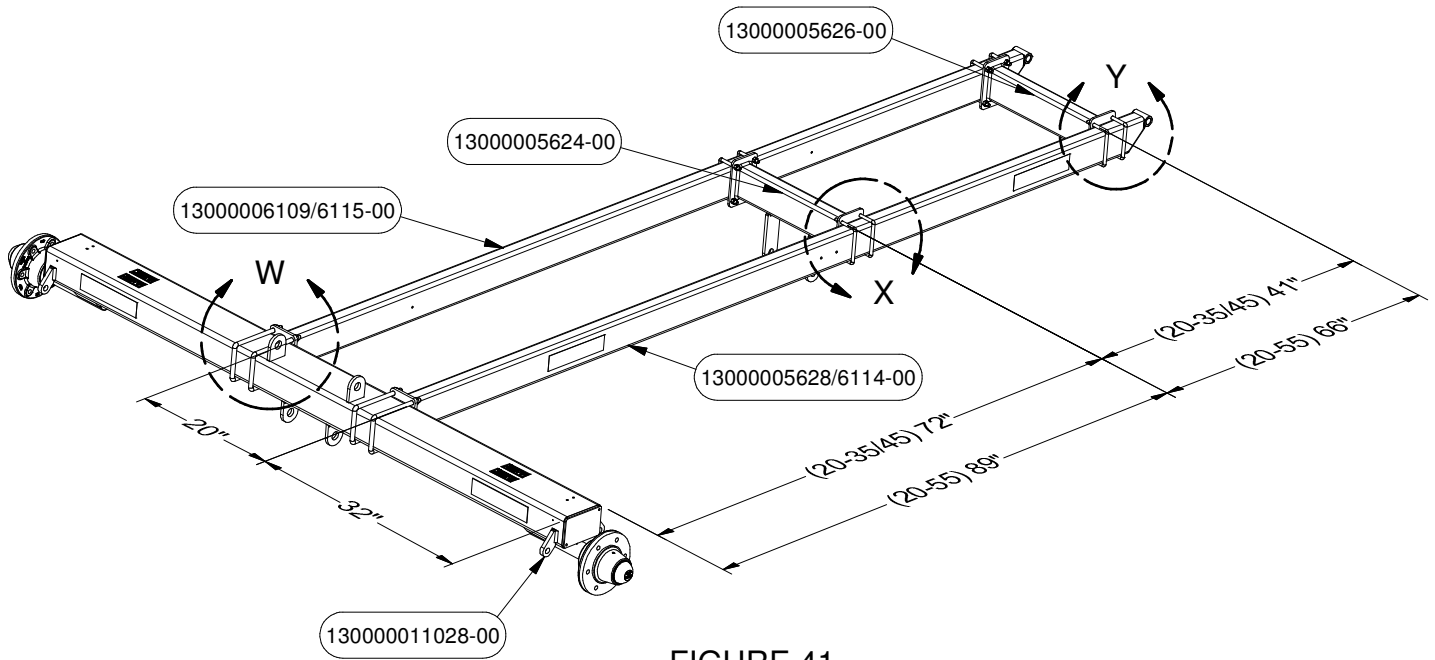
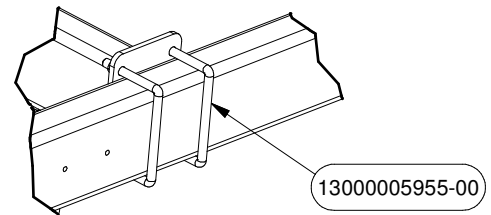


FIGURE 41

1. For Steps 1 to 3 U-Bolts can be found in Bolt Bag PN# 6081. All parts and Bolt Bag can be found in the Main Frame Hardware Box PN# 6221. Frames can be found in 20-35/45 Bundle Frame PN# 6222 and 20-55 Bundle Frame PN# 6367. Dimensions are shown in Figure 41.

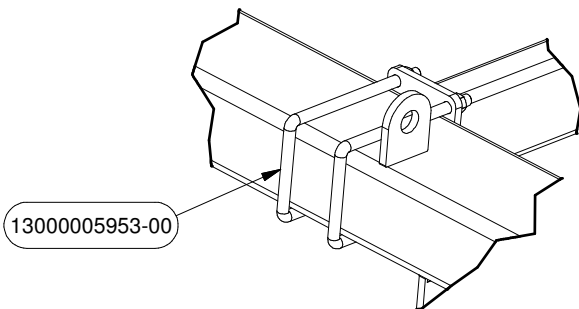
2. Attach the Transport Cross PN# 5624 to the LH Arm and RH Arm using U-Bolts c/w Stover Nuts (See Detail X).

Attach the LH Arm PN# 6109/6115 and RH Arm PN# 5628/6114 to the Axle PN# 11028 using U-Bolts c/w Stover Nuts (See Detail W).

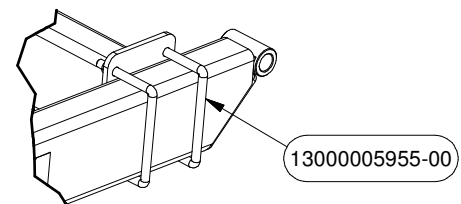


DETAIL X

3. Attach the Cross Brace PN# 5626 to the LH Arm and RH Arm using U-Bolts c/w Stover Nuts (See Detail Y).



DETAIL W



DETAIL Y

- Attach the Draw Bar Storage PN# 5636 to the RH Arm using the U-Bolts c/w Stover Nuts (See Detail AB).

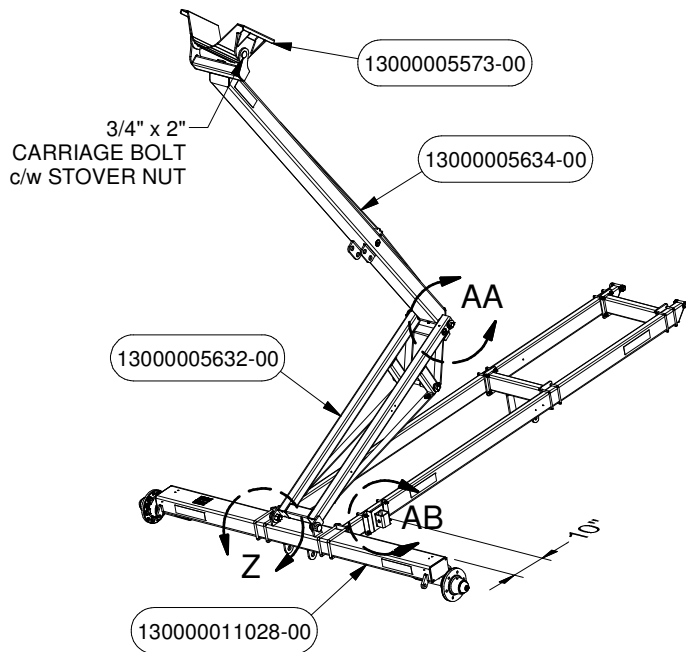
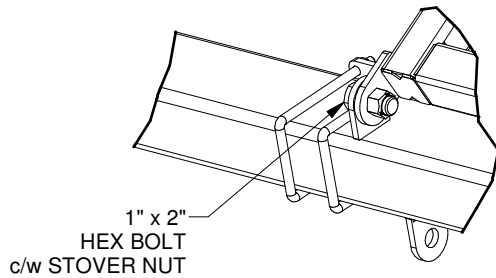


FIGURE 42

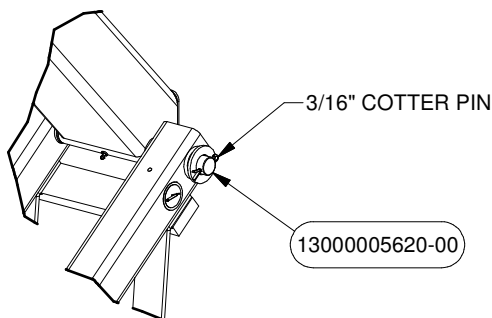
- For Steps 4 to 9 Fasteners can be found in Bolt Bag PN# 6081. All parts and Bolt Bag can be found in the Main Frame Hardware Box PN# 6221.

Attach the Scissor Lift PN# 5632 to the Axle PN# 11028 using Hex Bolts c/w Stover Nuts (See Detail Z).

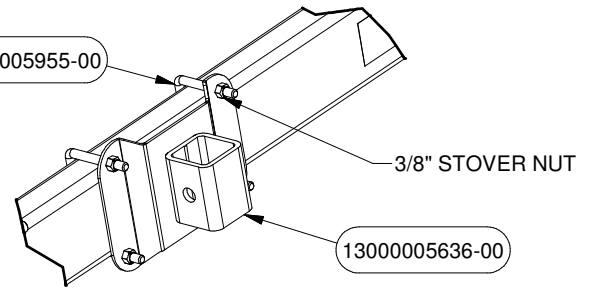


DETAIL Z

- Attach the Scissor Lift Arm PN# 5634 to the Scissor Lift using the Pin PN# 5620 and lock it using the Cotter Pins (See Detail AA).



DETAIL AA



DETAIL AB

- Attach the Cradle PN# 5573 to the Scissor Lift Arm PN# 5634 using Carriage Bolts c/w Stover as shown in Figure 42.
- Attach the Tires PN# 6633 to the Axle using the Wheel Bolts as shown in Figure 43.

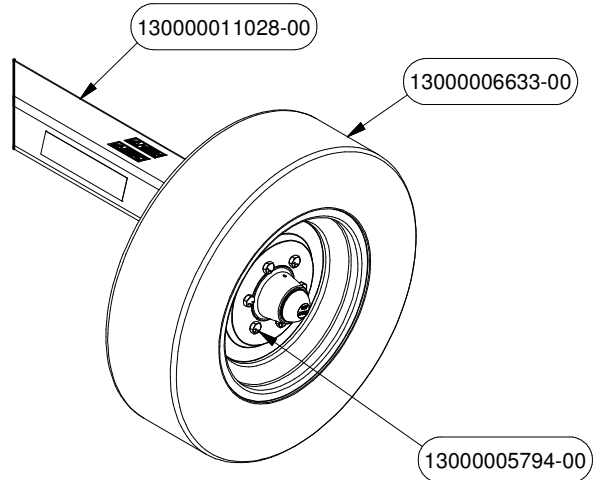


FIGURE 43

20-35/45/55 NON-MOVER HYDRAULICS ASSEMBLY

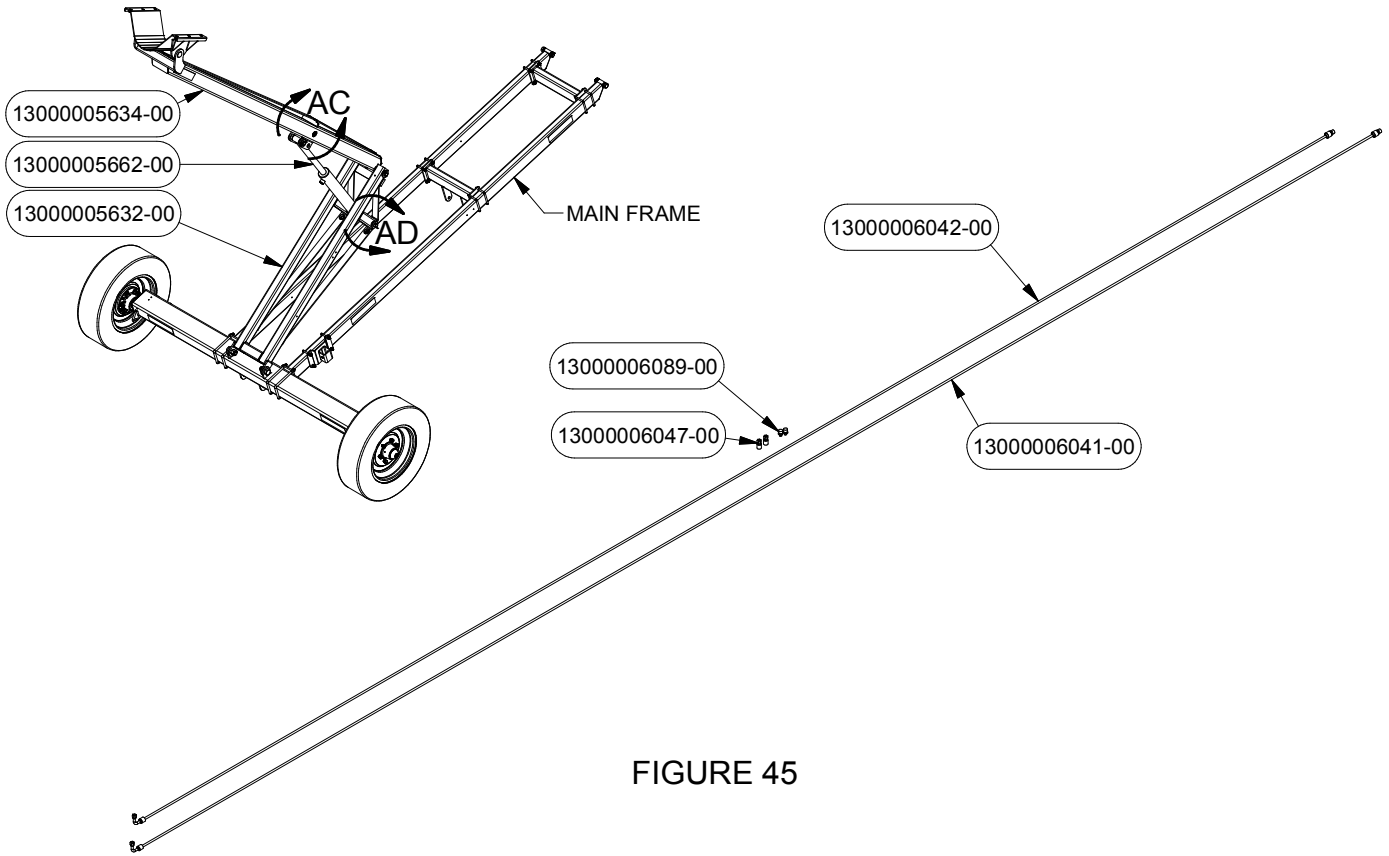
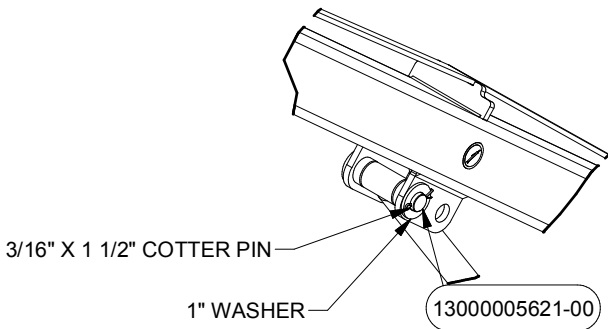


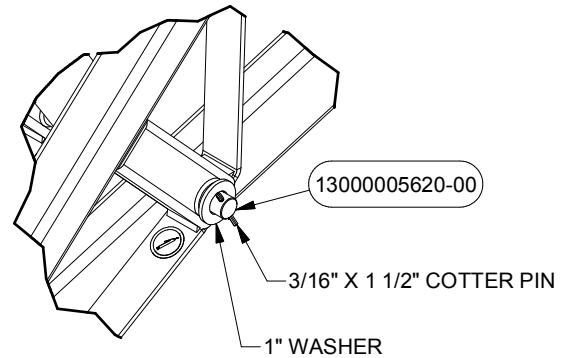
FIGURE 45

NOTE: FOR WITH MOVERS, SKIP THE INSTRUCTIONS FROM PAGES C20 - C22 AND PROCEED TO MOVERS ASSEMBLY ON PAGE C23

1. Attach the Hydraulic Cylinder PN# 5662 to the Lift Arms using Pins PN# 5621 and place Washers before inserting the Cotter Pins as shown in Details AC and AD. Cotter Pins are found in Bolt Bag PN# 6081. Pins and Bolt bag are found in Main Frame Hardware Box PN# 6221. Hydraulic Cylinder can be found in Hydraulic Kit PN# 6102.



DETAIL AC



DETAIL AD

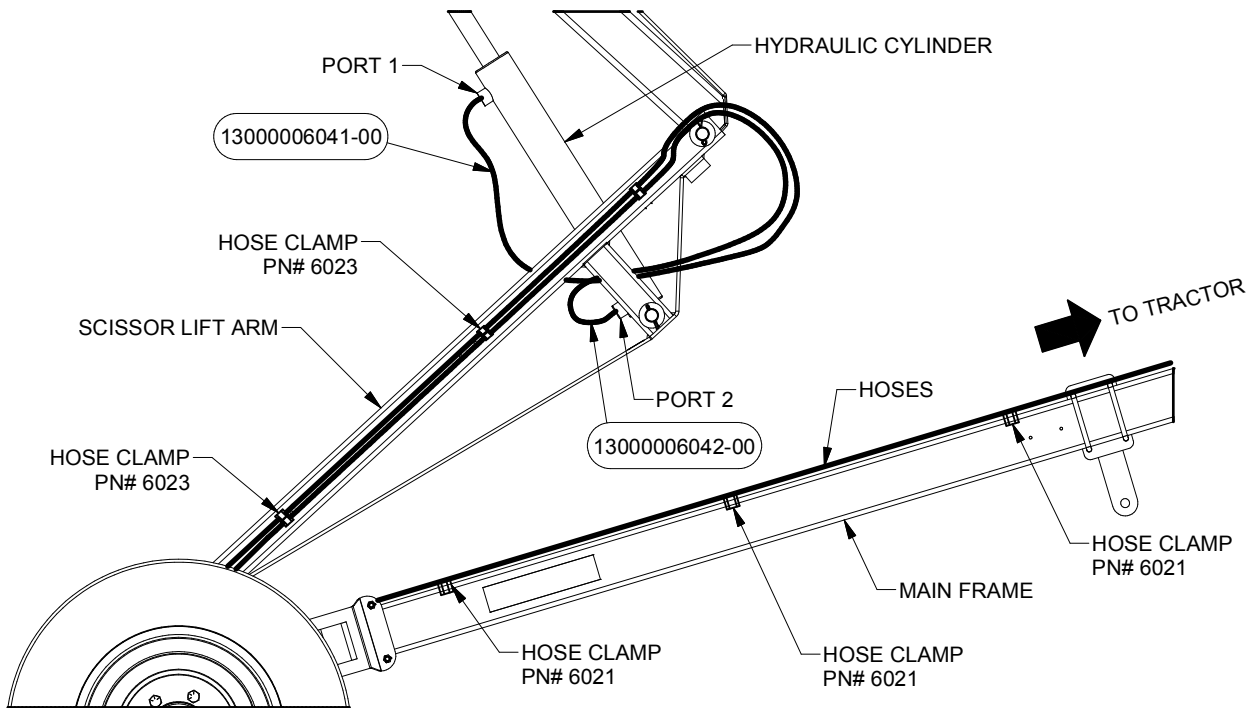


FIGURE 46

- For steps 2 to 4 all fittings and hoses are found in Hydraulic Kit PN# 6102.

Attach the Fittings PN# 6089 to Fittings 6FJX90 in Hoses PN# 6041 and PN# 6042 (see Figure 47).

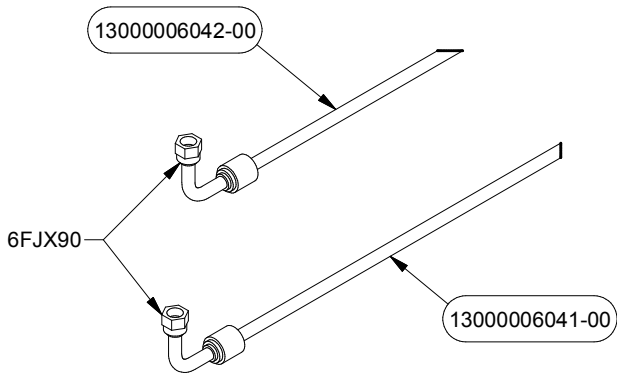


FIGURE 47

- Attach the Fittings PN# 6047 to Fittings 8MP in Hoses PN# 6041 and PN# 6042 (see Figure 48).

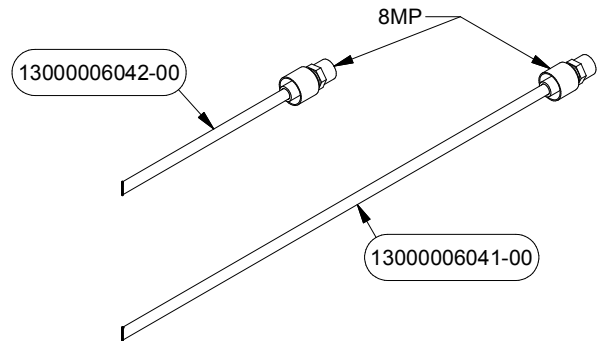


FIGURE 48

- Connect Hoses PN# 6041 and PN# 6042 with Fittings PN# 6047 to the Tractor.

- Use Hose Clamps to clamp the Hoses to the Frames as shown in Figure 26 (Reform the Clamps if necessary). Use 1/4" Self Tapping Screws for the Hose Clamps.

- Connect Hose PN# 6041 with PN# 6089 to Port 1 of the Hydraulic Cylinder.

Connect Hose PN# 6042 with PN# 6089 to Port 2 of the Hydraulic Cylinder.

See Figure 46 for Port locations.

20-35/45/55 CONVEYOR NON-MOVER FINISHED ASSEMBLY

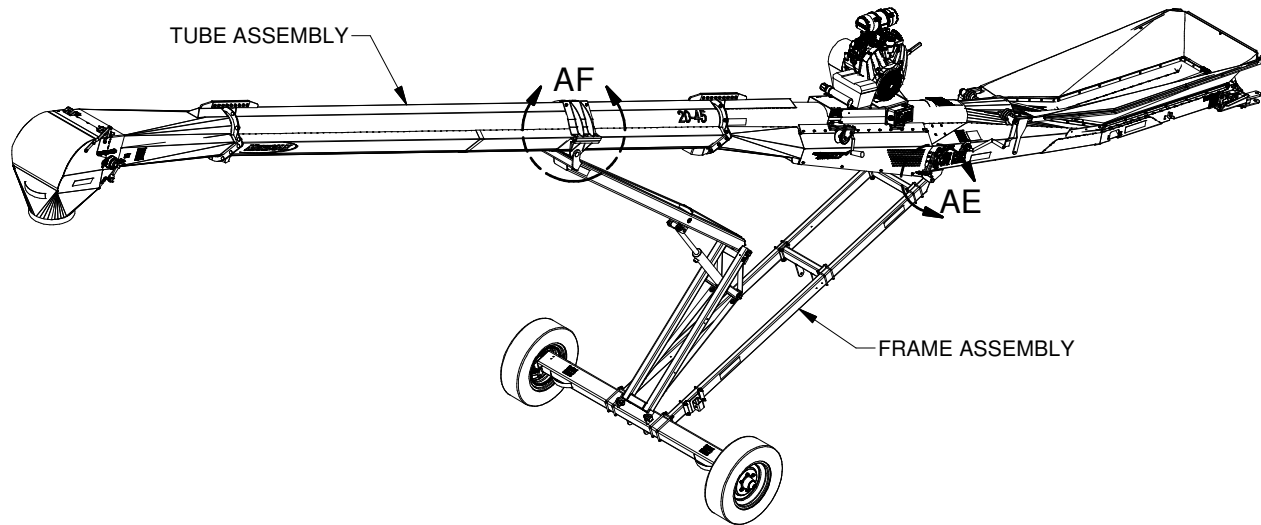
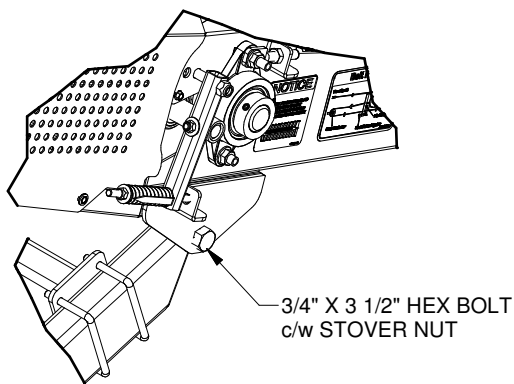


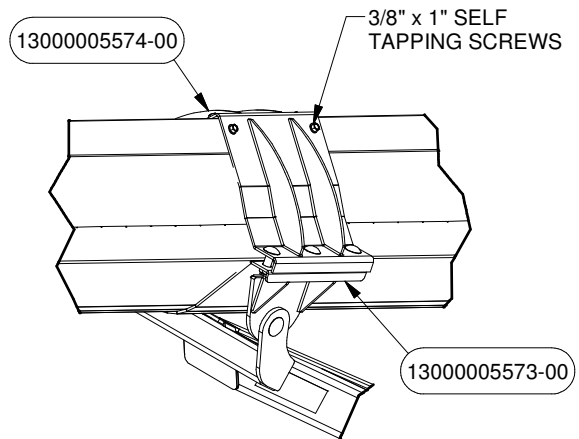
FIGURE 49

1. For Step 1 and 2 fasteners can be found in Bolt Bag PN# 6081. Bolt bag can be found in Main Frame Hardware Box PN# 6221.

Attach the Assembled Tube to the Frame Assembly using Hex Bolts c/w Stover Nuts as shown in Detail AE.



DETAIL AE



DETAIL AF

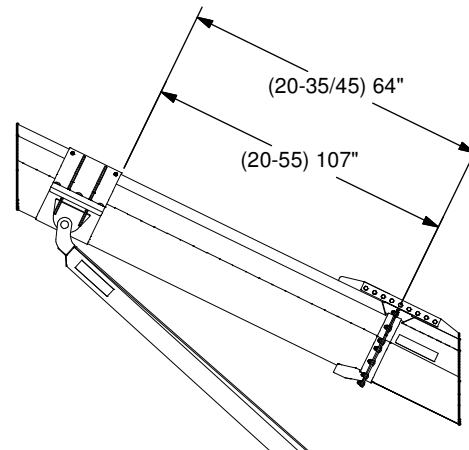
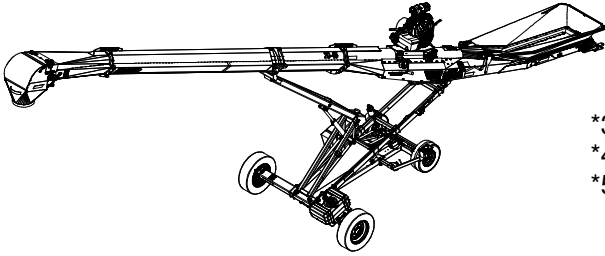


FIGURE 50

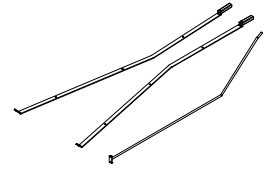
2. Place the assembled Tube on the Cradle PN# 5573. Attach the Top Clamp PN# 5574 to the Cradle to hold the Tube using Carriage Bolts c/w Hex Nuts (See Detail AF).

The Cradle should be placed according to the distances shown in Figure 50. Secure the tube clamp in place using Self Tapping Screws.

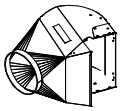
CONVEYOR 20-35/45/55 GAS ENGINE MOVER PACKAGE CONSISTS OF THE FOLLOWING



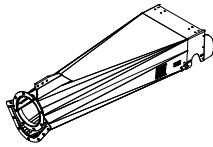
*35 PN# 14200350001-00
*45 PN# 14200450001-00
*55 PN# 14200550001-00



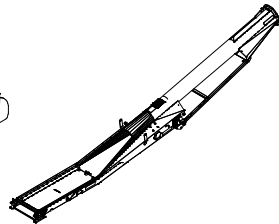
MISC. BUNDLE INTAKE
PN# 13000006216-00



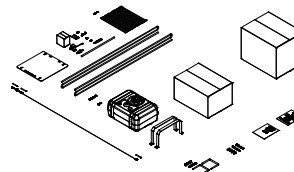
DISCHARGE SPOUT
PN# 13000005500-00



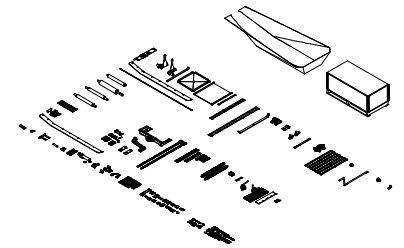
TOP BOX
PN# 13000005672-00



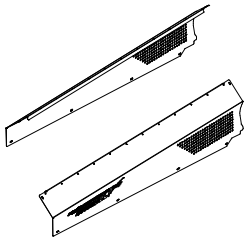
INTAKE
PN# 13000005810-00



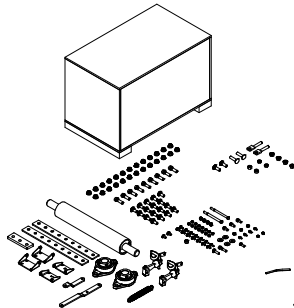
ALTERNATE FUEL
TANK LOCATION KIT
PN# 130000010228



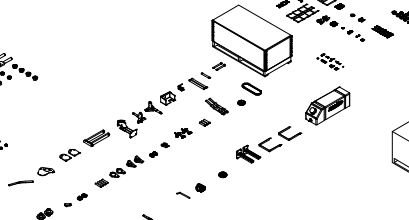
HARDWARE BOX
INTAKE 5FT
PN# 13000006218-00



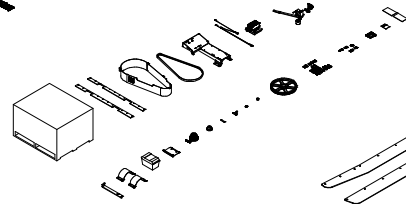
INTAKE COVER SIDE
RH PN# 13000005827-00
LH PN# 13000005829-00



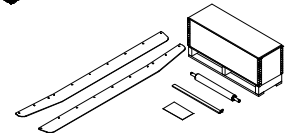
HARDWARE BOX
DISCHARGE
PN# 13000006215-00



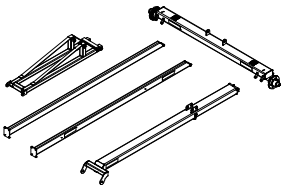
HARDWARE BOX
MOVER FRAME
PN# 13000006219-00



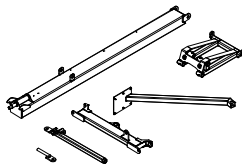
HARDWARE BOX
RELIABELT GAS
PN# 130000010706



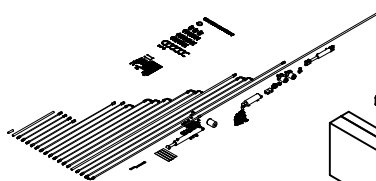
SolK rBELT 2019 E
PN# 130000010021-00



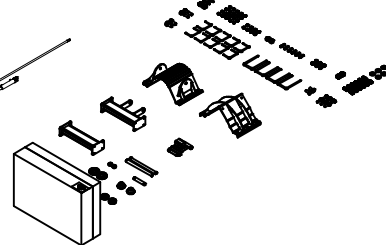
BUNDLE MAIN FRAME
*35/45 PN# 13000006222-00
*55 PN# 13000006367-00



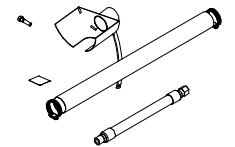
BUNDLE MOVER FRAME
*35/45 PN# 13000006220-00
*55 PN# 13000006366-00



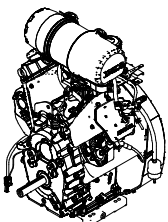
HYDRAULIC KIT MOVER
*35/45 PN# 13000005968-00
*55 PN# 13000006145-00



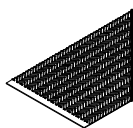
HARDWARE BOX
MAIN FRAME
*35/45/55 PN# 13000006221-00



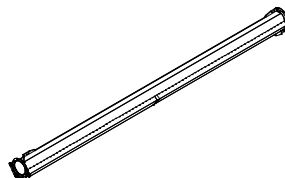
KOHLER ENGINE KIT
PN# 13000006653-00



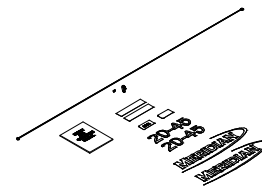
KOHLER ENGINE 35HP
PN# 13000042345-01



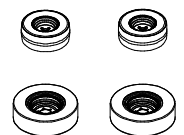
CONVEYOR BELT
*35 PN# 13000006162-00
*45 PN# 13000005904-00
*55 PN# 13000006161-00



TUBE
*35 PN# 13000005584-00
*45 PN# 13000005586-00
*55 PN# 13000005670-00



BAG - CABLE AND DECALS
*35 PN# 13000006772-00
*45 PN# 13000006611-00
*55 PN# 13000006613-00



TIRES
PN# 13000006633-00
PN# 13000006634-00

20-35/45/55 MOVER ASSEMBLY

Assemble first the whole Conveyor. Follow setup instructions from Pages C1 to C19 then proceed to the next steps in this Mover setup instructions.

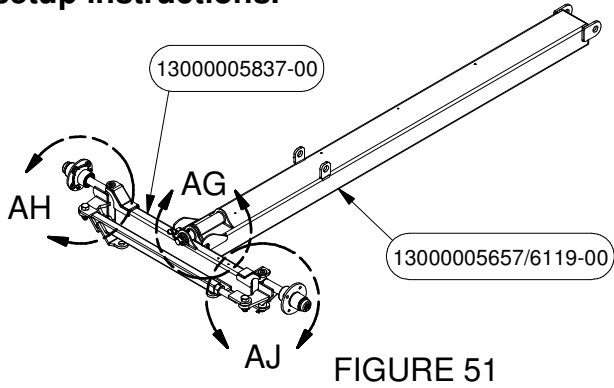
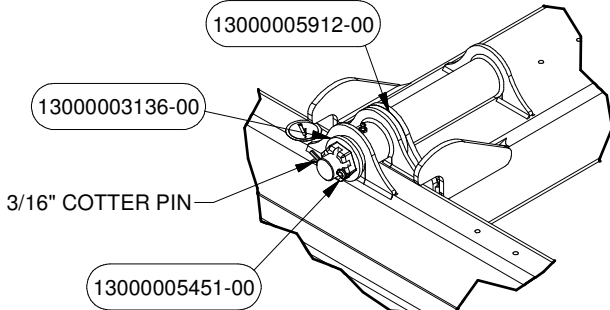


FIGURE 51

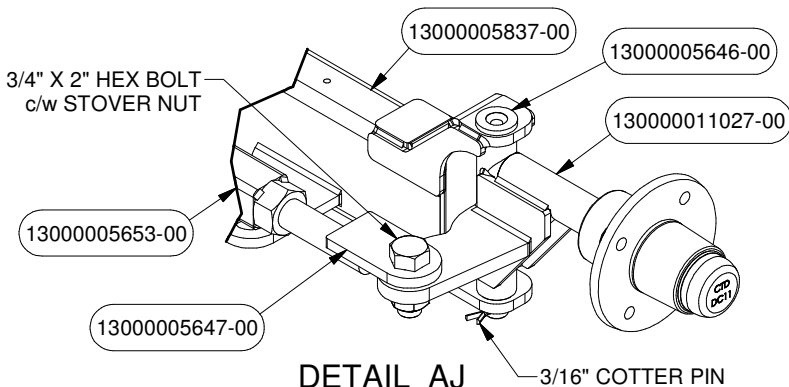
1. For steps 1 to 14, frames can be found in Bundle Frame PN# 6220/6366. Parts and Bolt Bags PN# 6079 and PN# 10959 can be found in Hardware Box PN# 6219.

Attach the Third Arm PN# 5657 to the Steering Axle PN# 5837, place the washers PN# 5912 and PN# 3136 then lock the assembly using a Castle Nut PN# 5451 and Cotter Pin as shown in Detail AG.



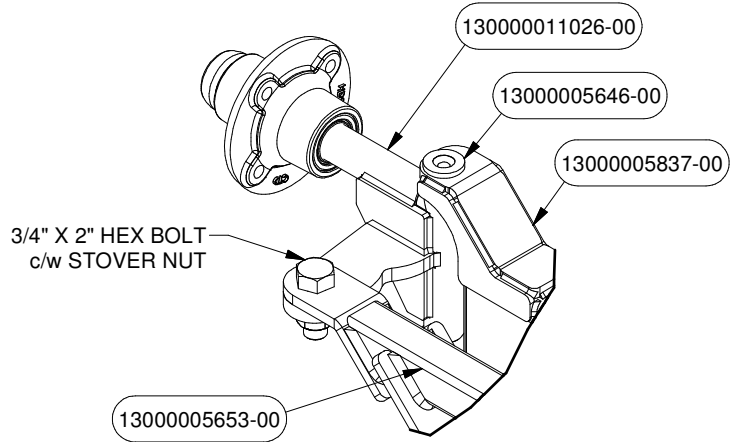
DETAIL AG

2. Attach the RH Steering Knuckle PN# 11027 to the Steering Axle using Steering Knuckle Pin PN# 5646 c/w Cotter Pin (See Detail AJ).



DETAIL AJ

3. Attach the LH Steering Knuckle PN# 11026 to the Steering Axle using Steering Knuckle Pin PN# 5646 c/w Cotter Pin (See Detail AH).



DETAIL AH

4. Attach the Linkage PN# 5647 to the Tie Rod PN# 5653 (See Detail AJ). Attach the Tie Rod end to LH Steering Knuckle and the Linkage to the RH Steering Knuckle using Hex Bolts as shown in Details AJ and AH.

5. Attach the Tires PN# 6634 to the Axle using the Wheel Bolts PN# 5737 as shown in Figure 52.

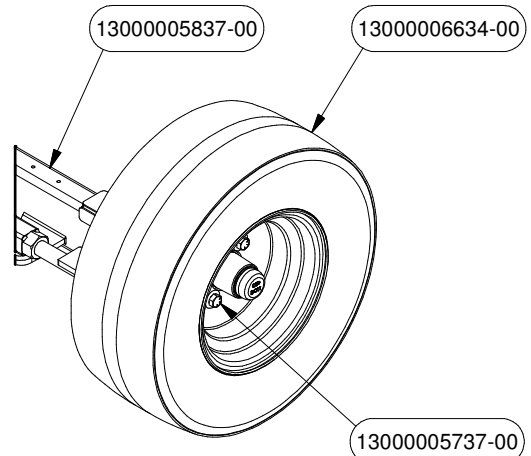


FIGURE 52

SETUP

6. Attach the Mover Frame PN# 5657 to the Main Frame using Hex Bolts c/w Stover Nut as shown in Figure 53.

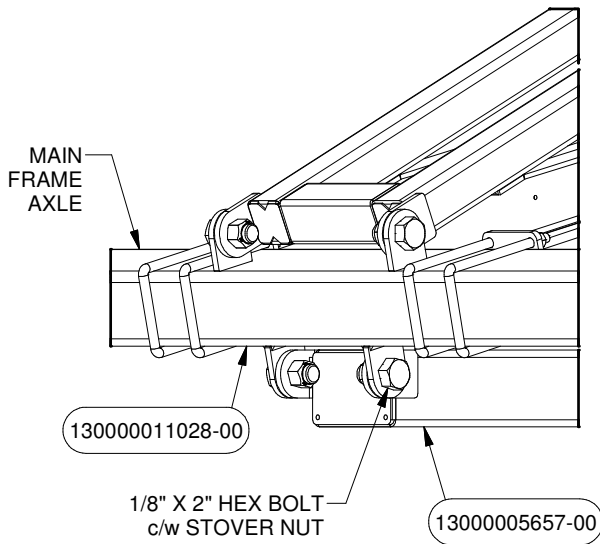


FIGURE 53

8. Attach the Scissor Lift PN# 5640 and the Hydraulic Cylinder to the Scissor Lift Arm Frame PN# 5657 using the Pins PN# 5620 c/w Cotter Pins (see Figure 54).
9. Attach the Mount Plates PN# 5659 to the Scissors Lift using Hex Bolts c/w Stover Nuts. Attach the Scissors Lift assembly to the Main Frame using U-Bolts c/w Stover Nuts (see Figure 54).
10. Attach the Steer Arm Mount PN# 5644 to the Mover Frame PN# 5657 using U-Bolts c/w Stover Nuts. Attach the Handle Arm PN# 5642 to the Steer Arm Mount using a Hex Bolt c/w Stover Nut. Attach the Spring Latch PN# 5549 to the Handle Arm using Self Tapping Screws (See Figure 55).

7. Attach the Scissor Lift Arm PN# 5639 and the Hydraulic Cylinder PN# 5661 to the Mover Frame PN# 5657 using a Pin PN# 5622 c/w Washers and Cotter Pins. The Hydraulic Cylinder can be found in the Hydraulic Kit PN# 5968 (see Figure 54).

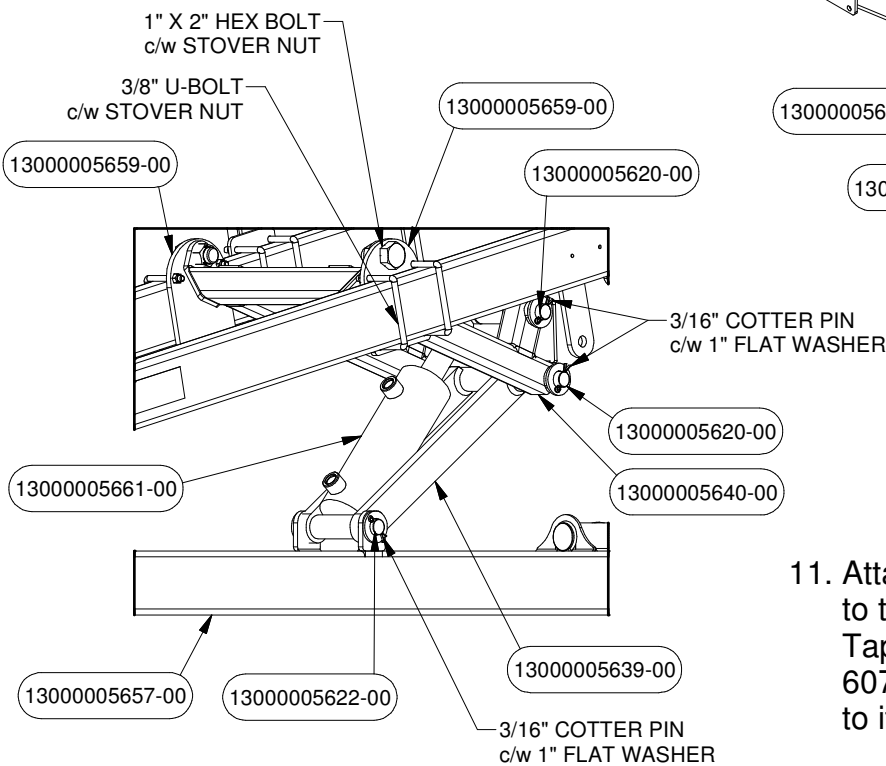


FIGURE 54

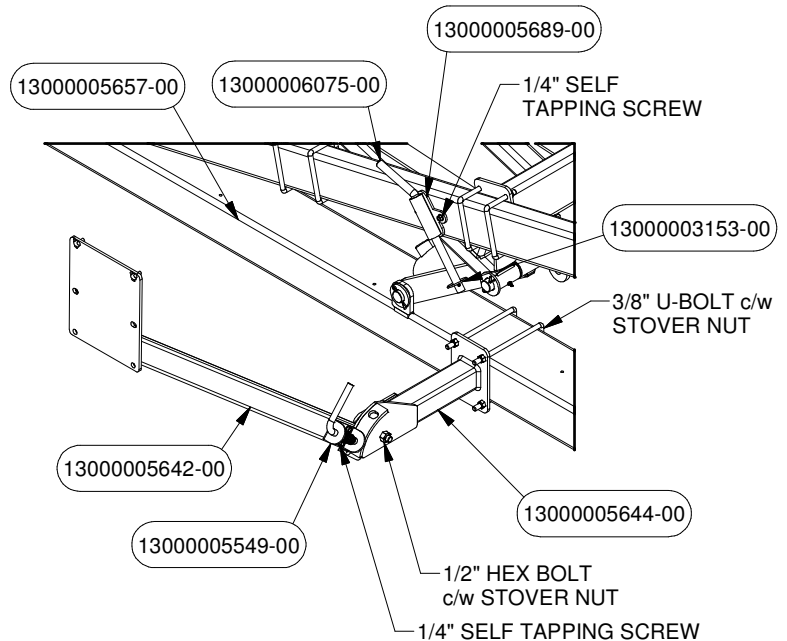


FIGURE 55

11. Attach the Transport Holder Pin PN# 5689 to the Mover Frame PN# 5657 using Self Tapping Screws. Place the Frame Pin PN# 6075 and insert the Lynch Pin PN# 3153 in to it to lock (See Figure 55).

12. Attach the Oil Tank Brackets PN# 6107 to the Main Frame using U-Bolts c/w Stover Nuts. Attach the Oil Tank PN# 42165 to the brackets using the Clamps PN# 42177 c/w Stover Nuts as shown in Figure 56.

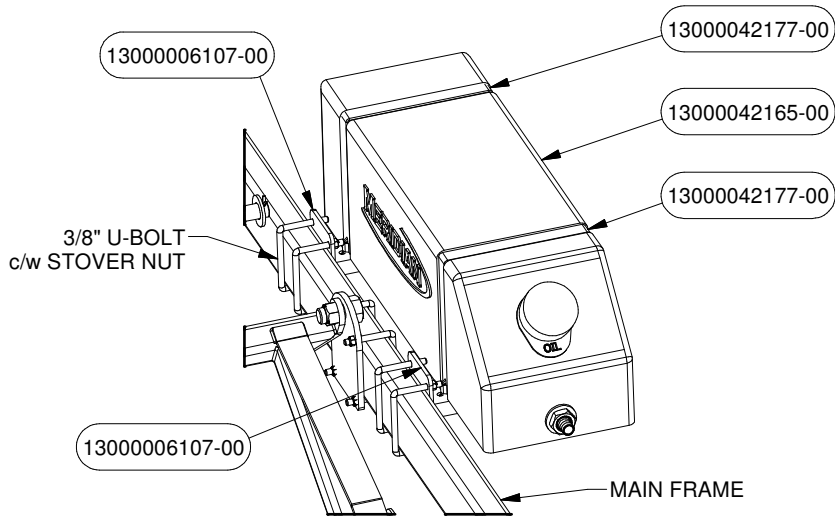


FIGURE 56

20-35/45/55 CONVEYOR WITH MOVER HYDRAULICS ASSEMBLY

- For steps 1 to 8 Motor Mount Parts and Hydraulic Pump Bolt Bag PN# 6054 can be found in Mover Hardware Box PN# 6219.

Hydraulic Parts, Hoses, and Bolt Bags PN# 6112 and 6651 can be found in Hydraulic Kit PN# 5968.

Attach the Hydraulic Cylinder PN# 5623 to the Axle using the included Cotter Pins as shown in Figure 37. The Hydraulic Cylinder can be found in the Hydraulic Kit PN# 5968

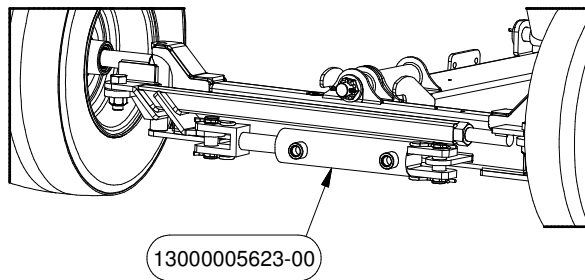


FIGURE 37

- Attach the Hydraulic Valve PN# 5663 to Control Mount PN# 5642 using Hex Bolt c/w Stover Nut. Place the Cover PN# 6463 to the Control Mount and fasten it using Wing Nuts (see Figure 38).

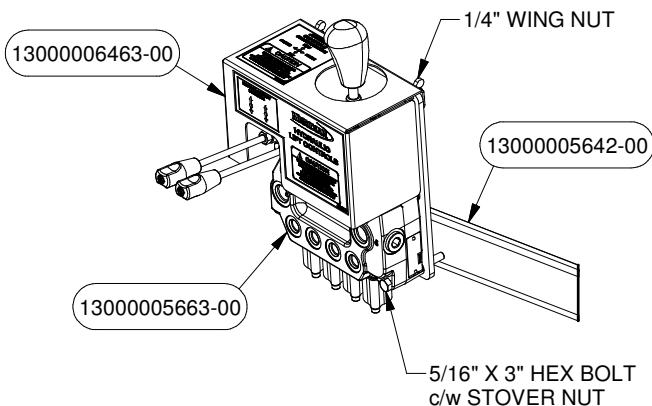


FIGURE 38

- Assemble the Hydraulic Motor PN# 42194, Mount Plates PN# 7894 and PN# 7893, Sprockets PN# 42192 and Spacers PN# 7896 using Hex Bolts Washer and Stover Nuts. Attach the assembly to the Axle Frame using 5/8" Hex Bolt c/w Stover Nut (see Figure 39 and 40).

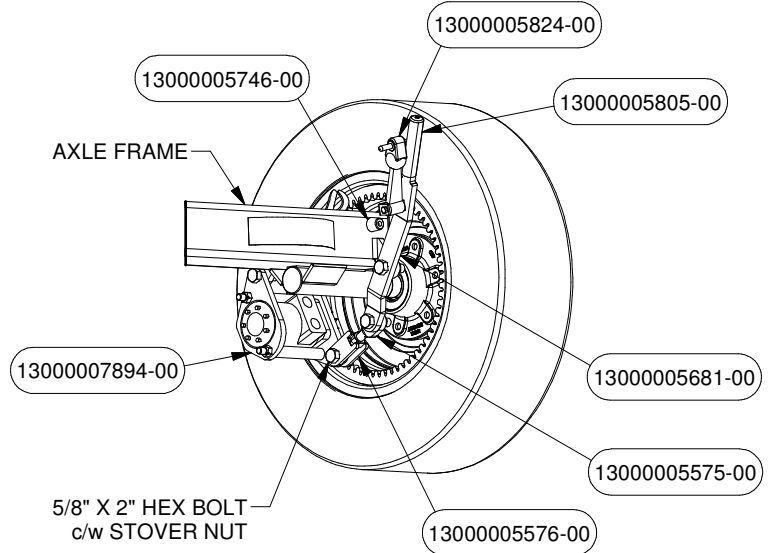


FIGURE 39

- Attach the Linkage PN# 5576 and PN# 5575 to the Mount Plate PN# 7893 using Hex Bolt c/w Stover Nut. Attach the Handle PN# 5681 to the Linkage and mount it to the Axle Frame using Hex bolts c/w Stover Nut. Place the Handle Grip PN# 5805 to the Handle (see Figure 39).

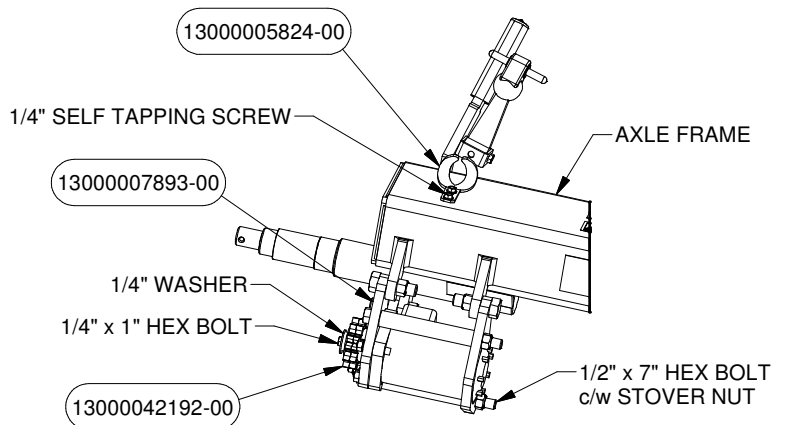


FIGURE 40

NOTE: TIRE AND HUB NOT SHOWN FOR CLARITY

SETUP

- Attach the Latch PN# 5824 to the Axle Frame using Self Tapping Screws. Also attach the Rubber Bumper to the Axle Frame using #10 X 3/8" Self Tapping Screw (see Figure 39 and 40).
- Assemble the Oil Filter parts PN# 5803, PN# 5804 and PN# 5907 then attach it to the Oil Tank PN# 42165 and to the Filter Bracket PN# 6687 using Hex Flange Bolts. Attach the whole assembly to the Main Frame using U-Bolt PN# 6688 c/w Flat Washer and Stover Nut (see Figure 41).
- Assemble the Hydraulic Pump PN# 5901 and its parts Pump Mount PN# 5565, Belt Sheaves PN# 5530 and PN# 6032, Bushings PN# 5532 and PN# 6067, Pump Adjuster PN# 5563, Handle PN# 5564, Handle Grip PN# 5805, and V-Belt PN# 5905 for Gas Engines and PN# 7927 for Isuzu Diesel Engines. Use the fasteners shown in Figure 43 then mount the assembly to the Engine and Motor Mount as shown in Figure 44.

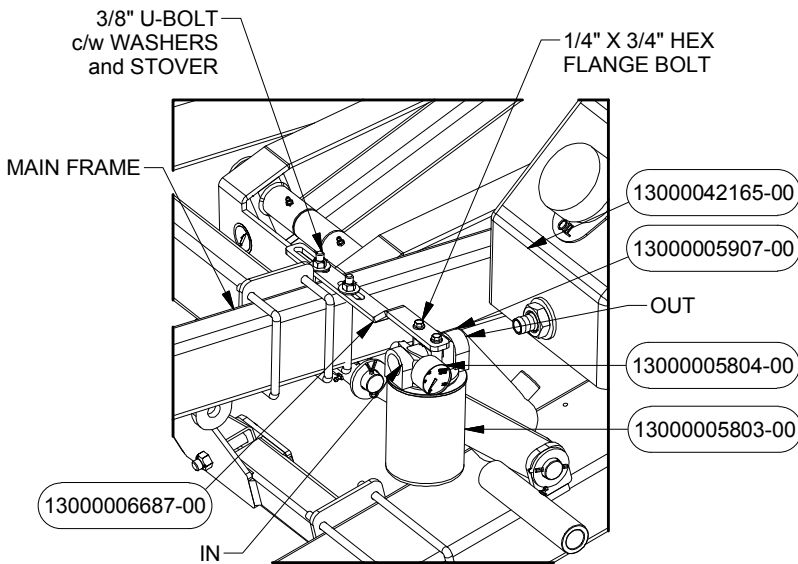


FIGURE 41

- Attach the Check Valve PN# 5798 to the Main Frame Scissor Lift using a Self Tapping Screw (see Figure 42).

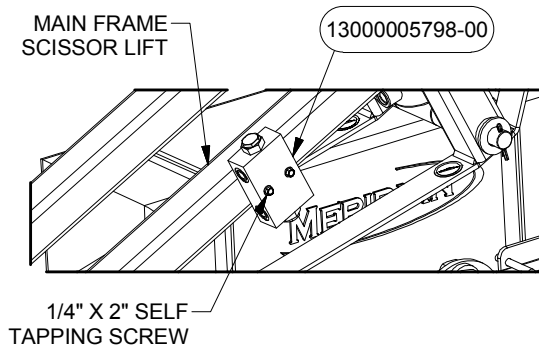


FIGURE 42

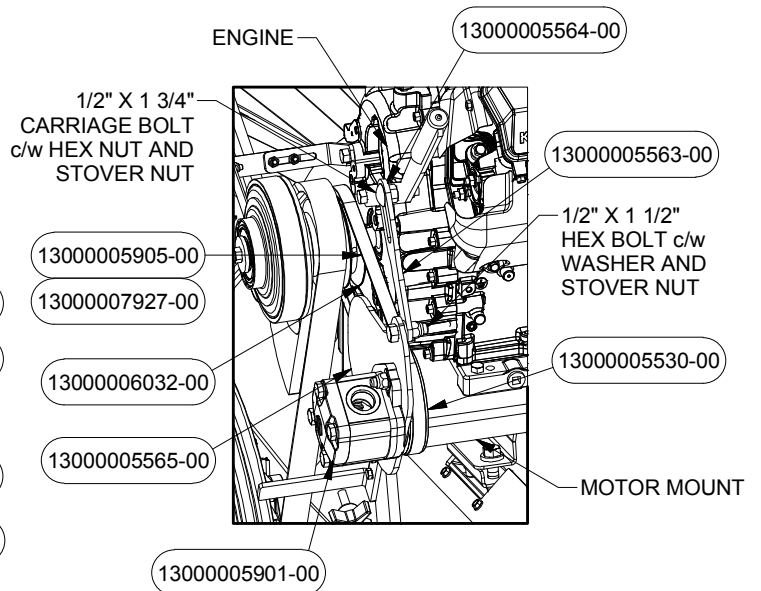


FIGURE 43

NOTE: BELT GUARD NOT SHOWN FOR CLARITY

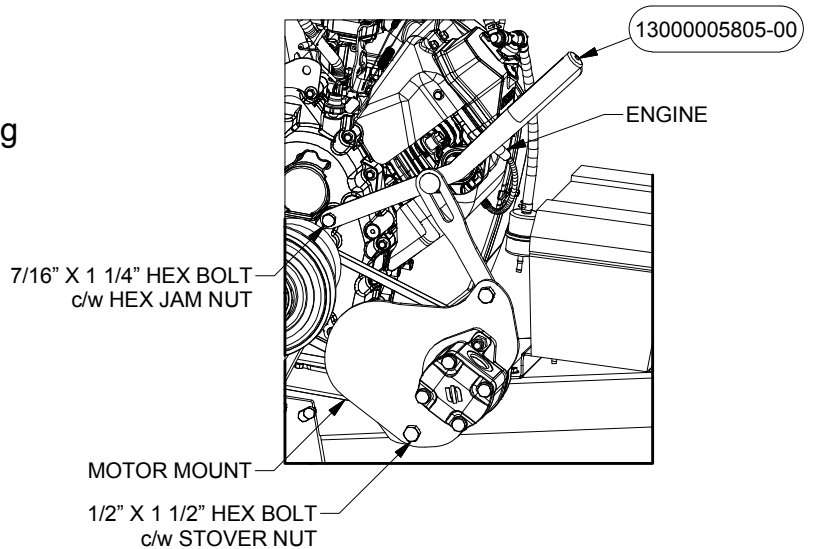


FIGURE 44

NOTE: BELT GUARD NOT SHOWN FOR CLARITY

SETUP

9. The 20-35/45 Hydraulic Hoses and Clamps are numbered as shown in Figure 45 (for 20-55 skip this step and proceed to step 10). Simply connect and match the hose numbers labeled in the Hydraulic Valve PN# 5663 as shown in Figure 47. Hoses are to be attached to the frames which is shown in every illustration. The Clamp item numbers will tell you which clamp to use to hold the hoses on the frames. Use Zip Ties to some areas as necessary in order to hold the hoses together. 20-35/45 Hydraulic Hoses (found in Hose Kit PN# 7721), and Clamps (found in Clamp Bag PN# 7705) can be found in Hydraulic Kit PN# 5968. See Figure 47 - 53 for details.

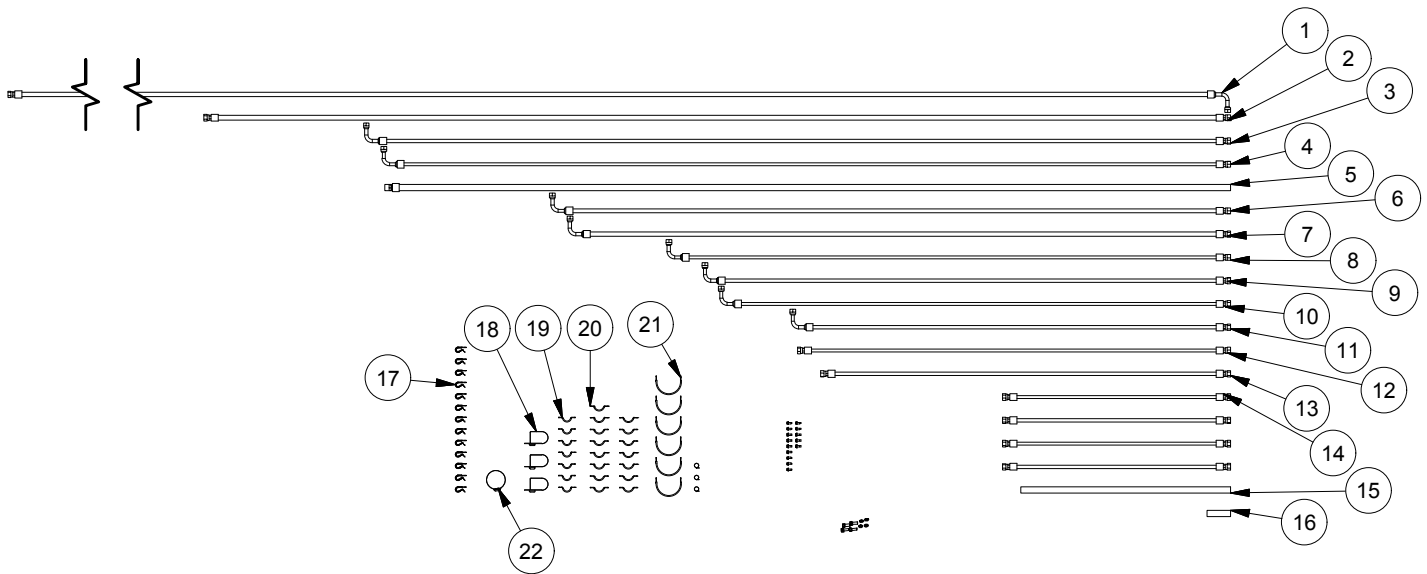


FIGURE 45

REF #	PART #	QUANTITY	DESCRIPTION
1	13000005857-00	1	Hyd Hose - 1/2" x 258" c/w Fittings
2	13000005859-00	1	Hyd Hose - 1/2" x 174" c/w Fittings
3	13000005862-00	1	Hyd Hose - 1/4" x 145" c/w Fittings
4	13000005864-00	1	Hyd Hose - 1/4" x 142" c/w Fittings
5	13000007480-00	1	Hyd Hose - 3/4" x 144" c/w Fittings
6	13000005861-00	1	Hyd Hose - 3/8" x 113" c/w Fittings
7	13000005860-00	1	Hyd Hose - 3/8" x 110" c/w Fittings
8	13000005868-00	1	Hyd Hose - 1/4" x 93" c/w Fittings
9	13000005869-00	1	Hyd Hose - 1/4" x 87" c/w Fittings
10	13000005867-00	1	Hyd Hose - 1/4" x 84" c/w Fittings
11	13000005866-00	1	Hyd Hose - 1/4" x 72" c/w Fittings
12	13000005865-00	1	Hyd Hose - 1/4" x 72" c/w Fittings
13	13000005863-00	1	Hyd Hose - 1/4" x 68" c/w Fittings
14	13000005870-00	4	Hyd Hose - 3/8" x 37" c/w Fittings
15	13000043006-00	1	Hydraulic Hose - 3/4" x 36"
16	13000006812-00	1	Hydraulic Hose - 3/4" x 4"
17	13000006023-00	13	Clamp - Neoprene 1/2" x 3/8" - Light Kit
18	13000006024-00	3	Clamp - Hose - SS 3 1/16 - 4"
19	13000006022-00	7	Clamp - Neoprene 1/2" x 3/4"
20	13000006021-00	15	Clamp - Neoprene 1/2" x 5/8"
21	13000006020-00	6	Clamp - Neoprene 1/2" x 2"
22	13000006038-00	1	Clamp - Hose - SS 2 13/16"
23	13000042591-00	3	Clamp - Hose - 3/4"

SETUP

10. The 20-55 Hydraulic Hoses and Clamps are using letters as shown in Figure 46. Simply connect and match the letters labeled in the Hydraulic Valve PN# 5663 as shown in Figure 47. Hoses are to be attached to the frames which is shown in every illustration. The Clamp item letters will tell you which clamp to use to hold the hoses on the frames. Use Zip Ties to some areas as necessary in order to hold the hoses together. 20-55 Hydraulic Hoses (found in Hose Kit PN# 7731), and Clamps (found in Clamp Bag PN# 7705) can be found in Hydraulic Kit PN# 6145. See Figure 47 - 53 for details.

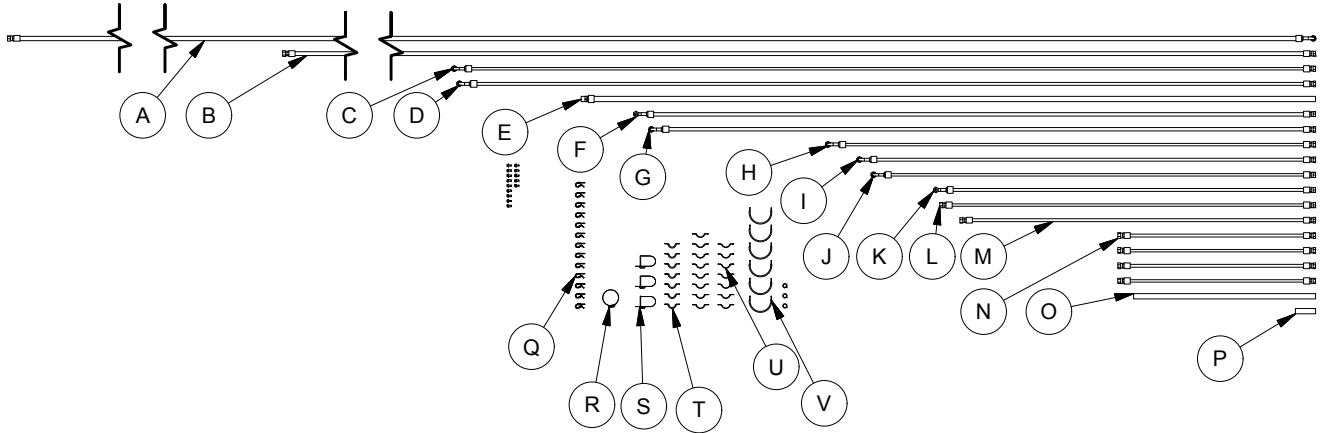


FIGURE 46

REF #	PART #	QUANTITY	DESCRIPTION
A	13000006152-00	1	Hyd Hose - 1/2" x 316" c/w Fittings
B	13000006153-00	1	Hyd Hose - 1/2" x 228" c/w Fittings
C	13000006156-00	1	Hyd Hose - 1/4" x 167" c/w Fittings
D	13000006157-00	1	Hyd Hose - 1/4" x 166" c/w Fittings
E	13000007480-00	1	Hyd Hose - 3/4" x 144" c/w Fittings
F	13000006154-00	1	Hyd Hose - 3/8" x 131" c/w Fittings
G	13000006155-00	1	Hyd Hose - 3/8" x 128" c/w Fittings
H	13000005868-00	1	Hyd Hose - 1/4" x 93" c/w Fittings
I	13000005869-00	1	Hyd Hose - 1/4" x 87" c/w Fittings
J	13000005867-00	1	Hyd Hose - 1/4" x 84" c/w Fittings
K	13000005866-00	1	Hyd Hose - 1/4" x 72" c/w Fittings
L	13000005865-00	1	Hyd Hose - 1/4" x 72" c/w Fittings
M	13000005863-00	1	Hyd Hose - 1/4" x 68" c/w Fittings
N	13000005870-00	4	Hyd Hose - 3/8" x 37" c/w Fittings
O	13000043006-00	1	Hydraulic Hose - 3/4" x 36"
P	13000006812-00	1	Hydraulic Hose - 3/4" x 4"
Q	13000006023-00	13	Clamp - Neoprene 1/2" x 3/8" - Light Kit
R	13000006038-00	1	Clamp - Hose - SS 2 13/16"
S	13000006024-00	3	Clamp - Hose - SS 3 1/16 - 4"
T	13000006022-00	7	Clamp - Neoprene 1/2" x 3/4"
U	13000006021-00	15	Clamp - Neoprene 1/2" x 5/8"
V	13000006020-00	6	Clamp - Neoprene 1/2" x 2"

SETUP

NOTE: PARTS FOR 20-35/45 ARE INDICATED AS NUMBERS IN BALLOONS. PARTS FOR 20-55 ARE INDICATED AS LETTERS IN BALLOONS.

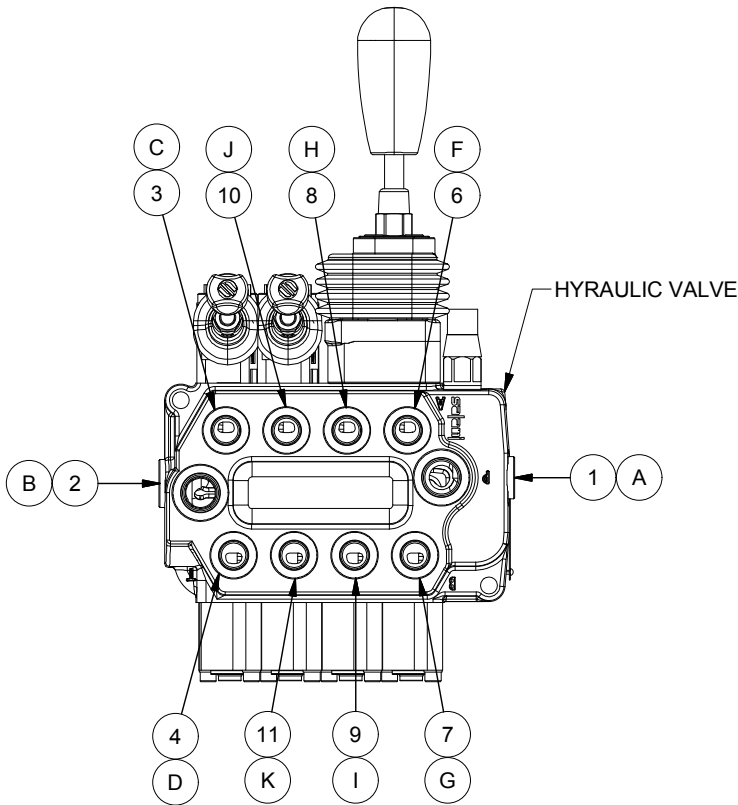


FIGURE 47

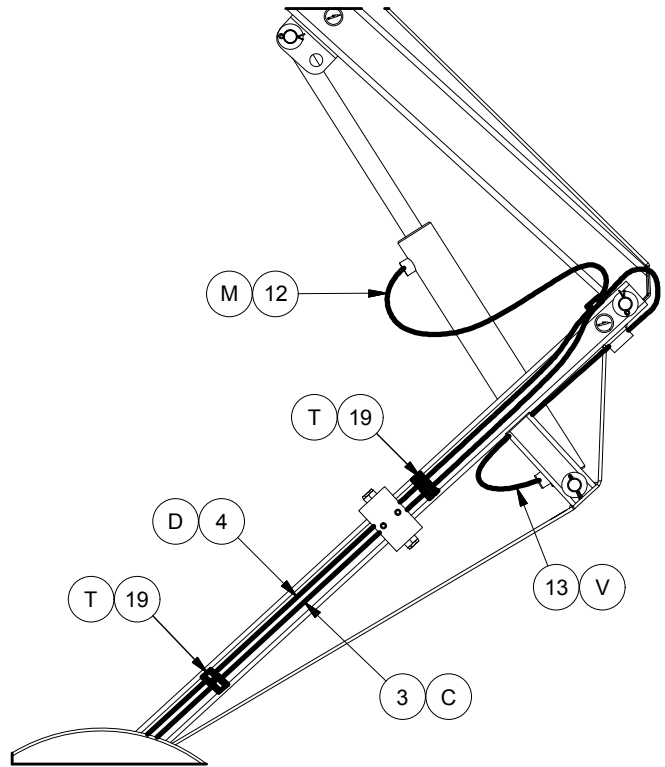


FIGURE 48

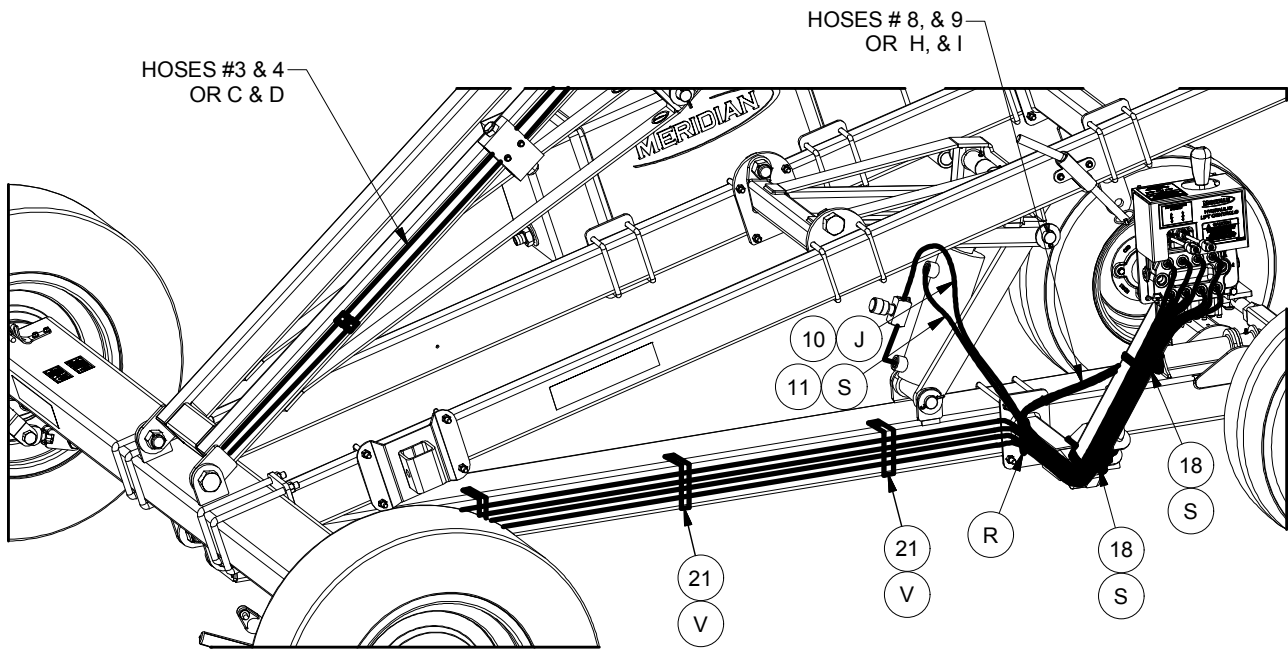


FIGURE 49

SETUP

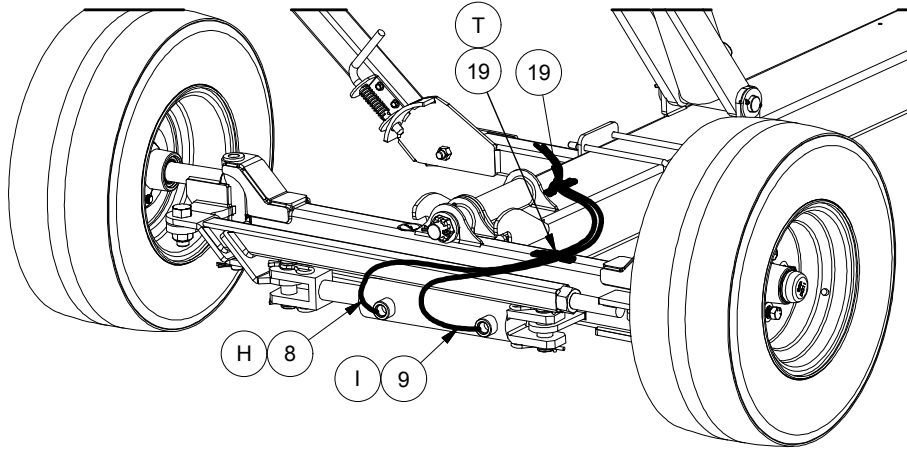


FIGURE 50

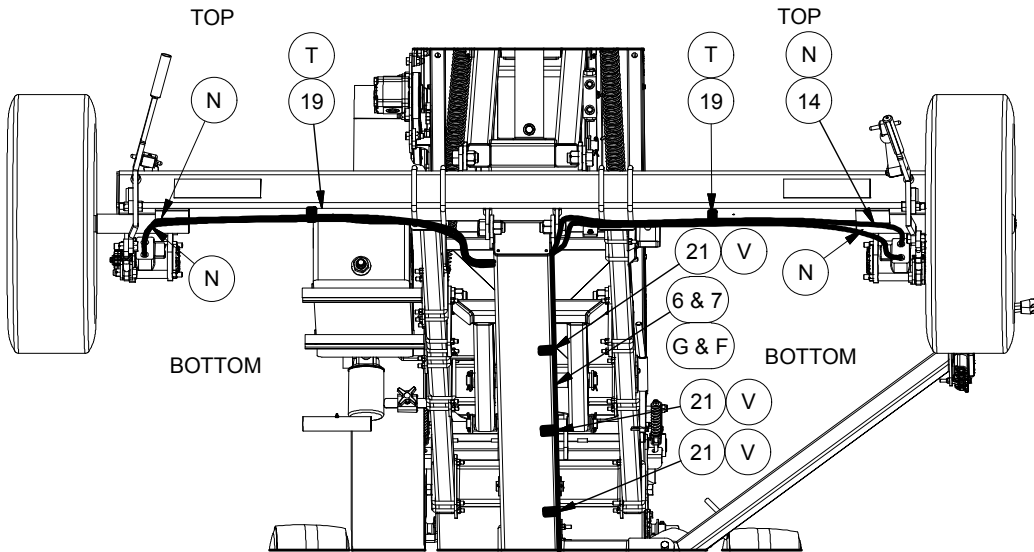


FIGURE 51

*35/45: 6 IS CONNECTED TO 14 TOP, 7 IS CONNECTED TO 14 BOTTOM
 *55: "F" IS CONNECTED TO "N" TOP, "G" IS CONNECTED TO "N" BOTTOM

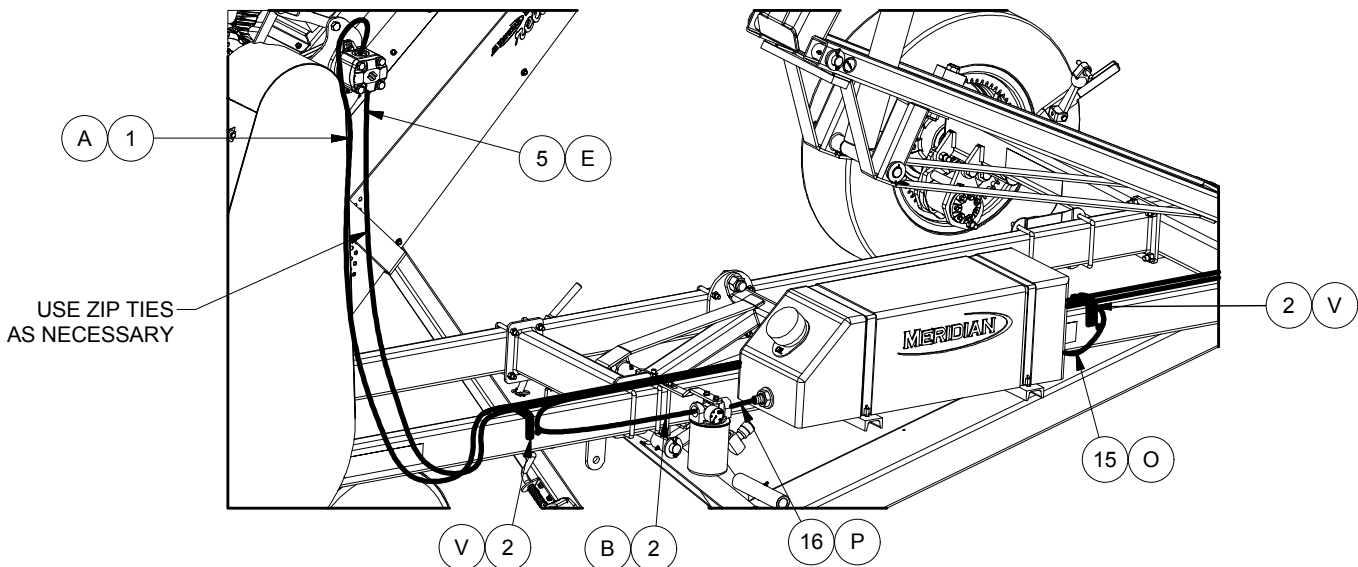


FIGURE 52

*35/45: 5 IS CONNECTED TO 15
 *55: "E" IS CONNECTED TO "V"

20-35/45/55 CONVEYOR WITH MOVER HYDRAULICS SCHEMATIC

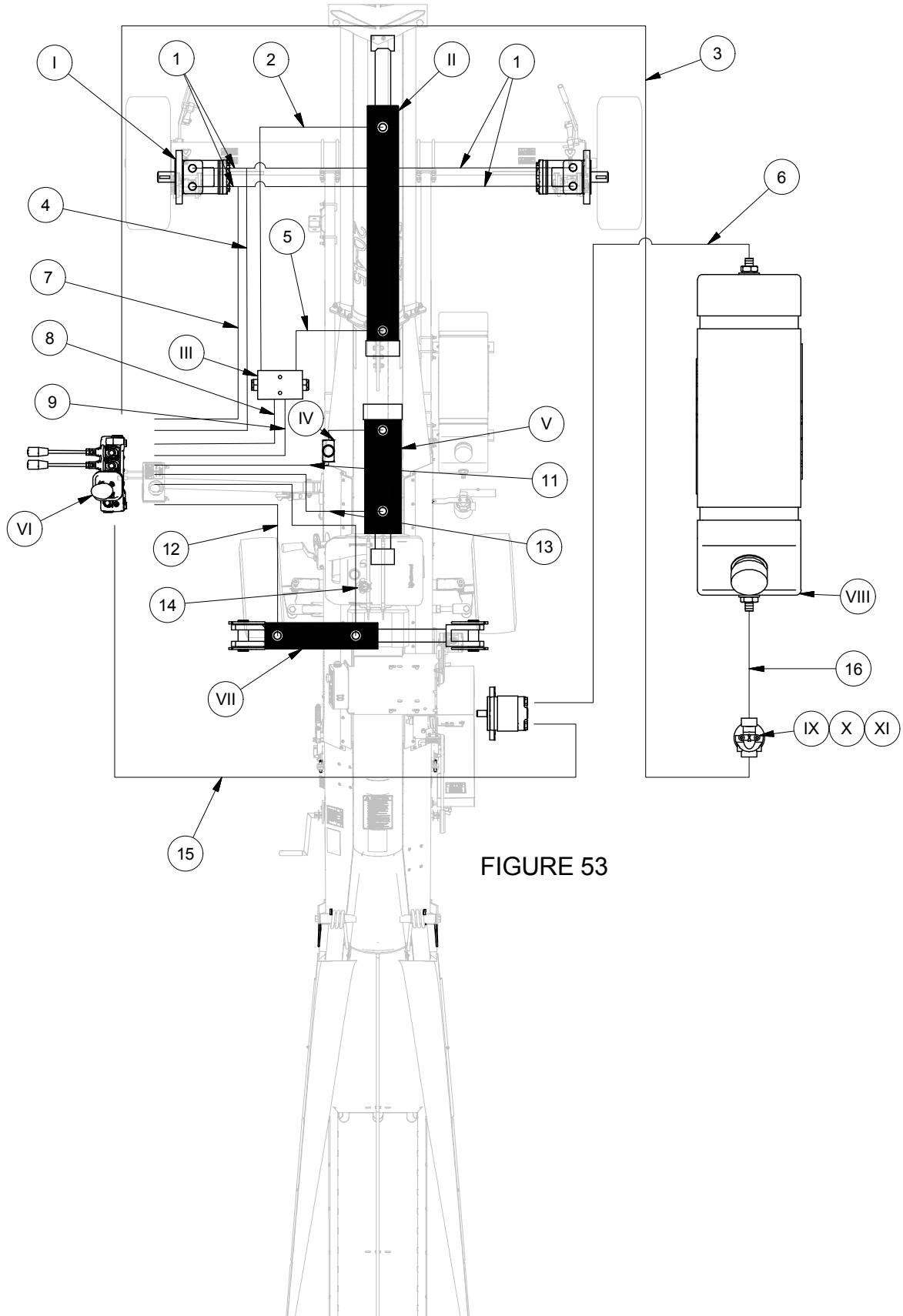


FIGURE 53

SETUP

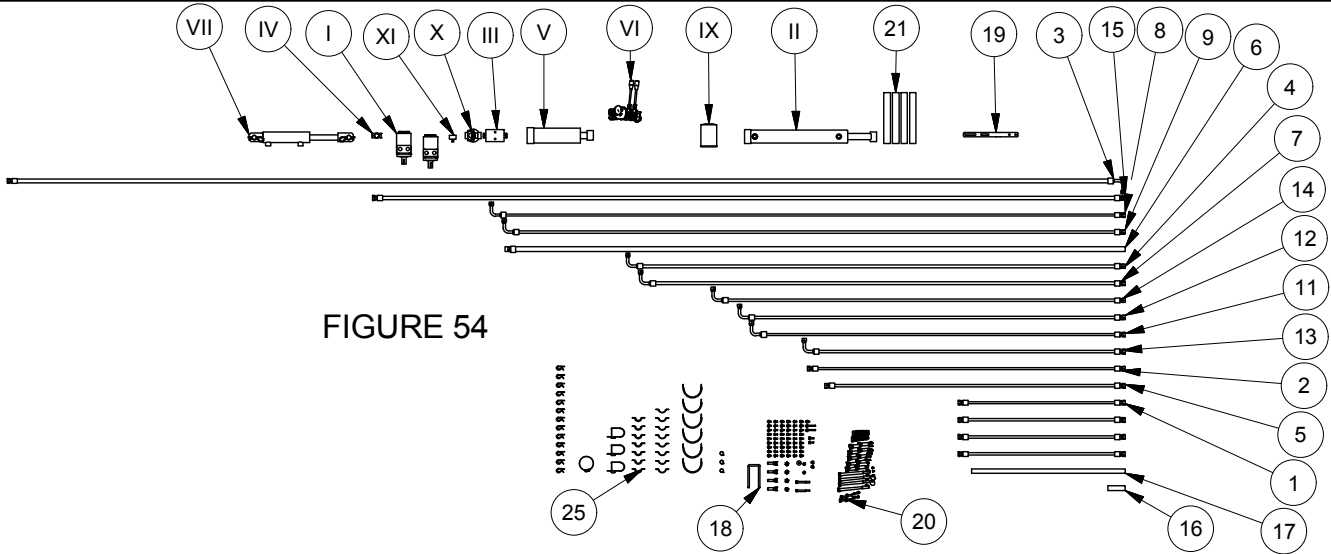


FIGURE 54

PARTS LIST OF PN# 1300005968-00

REF #	PART #	QUANTITY	DESCRIPTION
I	13000042194-00	2	Motor
II	13000005662-00	1	Cylinder - HYS 25MAL18-10
III	13000005798-00	1	Valve- Dual Piloted Check
IV	13000006016-00	1	Valve - Needle 1/4" NPT
V	13000005661-00	1	Cylinder - HYS 30MAL06-10
VI	13000005663-00	1	Valve - 4 Spool
VII	13000005623-00	1	Cylinder - HYS 20FEM06-10
IX	13000042174-00	1	Micron 10
X	13000005907-00	1	Filter - Hydraulic Head
XI	13000005804-00	1	Filter - Indicator
18	13000006112-00	1	BOLT BAG - HYDRAULIC KIT
19	13000006687-00	1	BRACKET - OIL FILTER - MOVER
20	13000006651-00	1	Bolt Bag - Hyd Motor
21	13000007406-00	4	RUBBER - HOSE CLAMP PADS
22	13000007705-00	1	Kit - Clamps - 20-44/45 Mover
23	13000006020-00	6	Clamp - Neoprene 1/2" x 2"
24	13000006021-00	8	Clamp - Neoprene 1/2" x 5/8"
25	13000006022-00	7	Clamp - Neoprene 1/2" x 3/4"
26	13000006023-00	13	Clamp - Neoprene 1/2" x 3/8" - Light Kit
27	13000006024-00	3	Clamp - Hose - SS 3 1/16" - 4"
28	13000006038-00	1	Clamp - Hose - SS 2 13/16"
29	13000042591-00	3	Clamp - Hose - 3/4"
1	13000005870-00	4	Hyd Hose - 3/8" x 37" c/w Fittings
2	13000005865-00	1	Hyd Hose - 1/4" x 72" c/w Fittings
3	13000005857-00	1	Hyd Hose - 1/2" x 258" c/w Fittings
4	13000005861-00	1	Hyd Hose - 3/8" x 113" c/w Fittings
5	13000005863-00	1	Hyd Hose - 1/4" x 68" c/w Fittings
6	13000007480-00	1	Hyd Hose - 3/4" x 144" c/w Fittings
7	13000005860-00	1	Hyd Hose - 3/8" x 110" c/w Fittings
8	13000005862-00	1	Hyd Hose - 1/4" x 145" c/w Fittings
9	13000005864-00	1	Hyd Hose - 1/4" x 142" c/w Fittings
11	13000005867-00	1	Hyd Hose - 1/4" x 84" c/w Fittings
12	13000005869-00	1	Hyd Hose - 1/4" x 87" c/w Fittings
13	13000005866-00	1	Hyd Hose - 1/4" x 72" c/w Fittings
14	13000005868-00	1	Hyd Hose - 1/4" x 93" c/w Fittings
15	13000005859-00	1	Hyd Hose - 1/2" x 174" c/w Fittings
16	13000006812-00	1	Hydraulic Hose - 3/4" x 4"
17	13000043006-00	1	Hydraulic Hose - 3/4" x 36"

HYDRAULIC HOSE AND FITTING LAYOUT - 20-35/45/55 GAS/DIESEL WITH MOVER

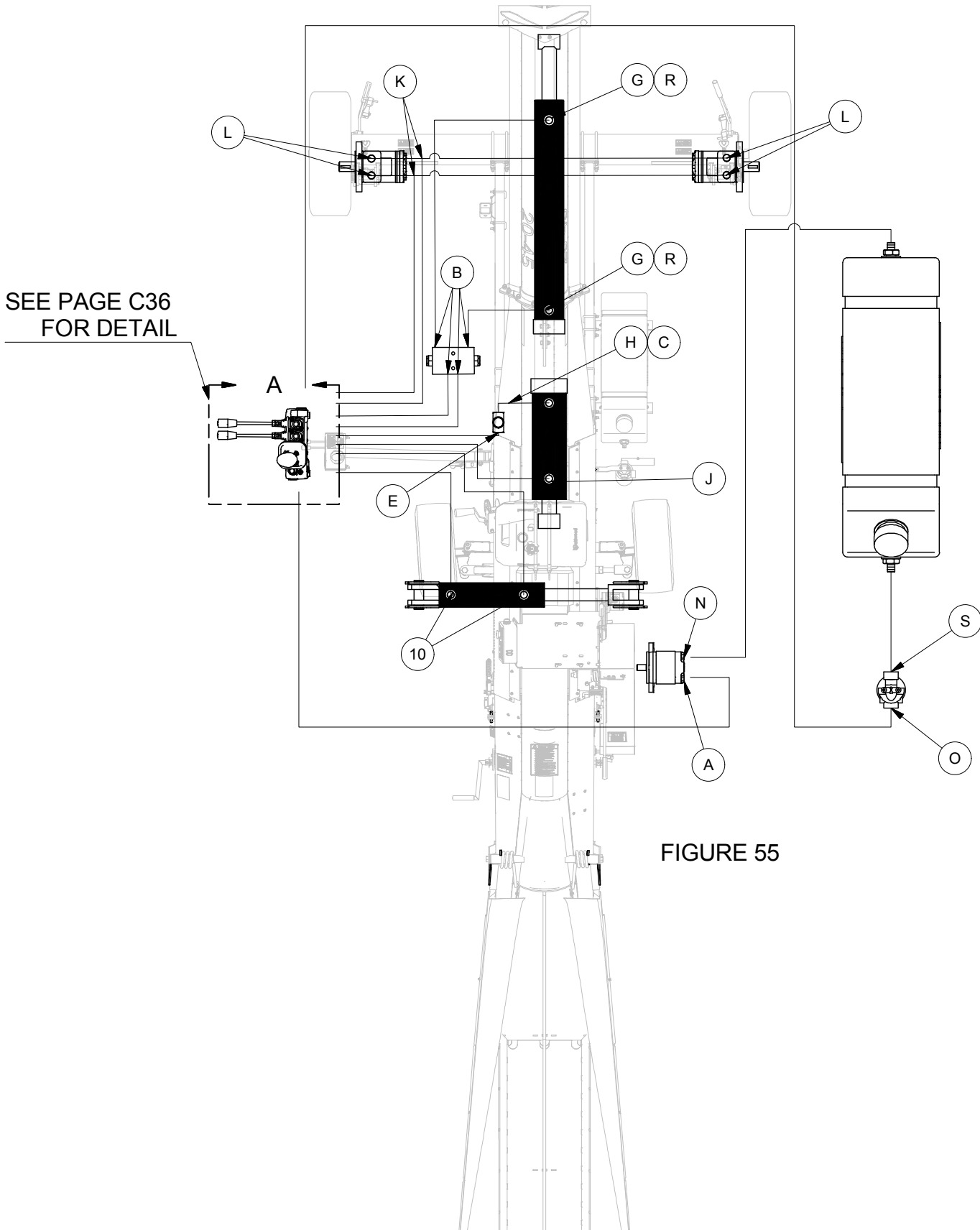


FIGURE 55

HYDRAULIC HOSE AND FITTING LAYOUT - 20-35/45/55 GAS/DIESEL WITH MOVER

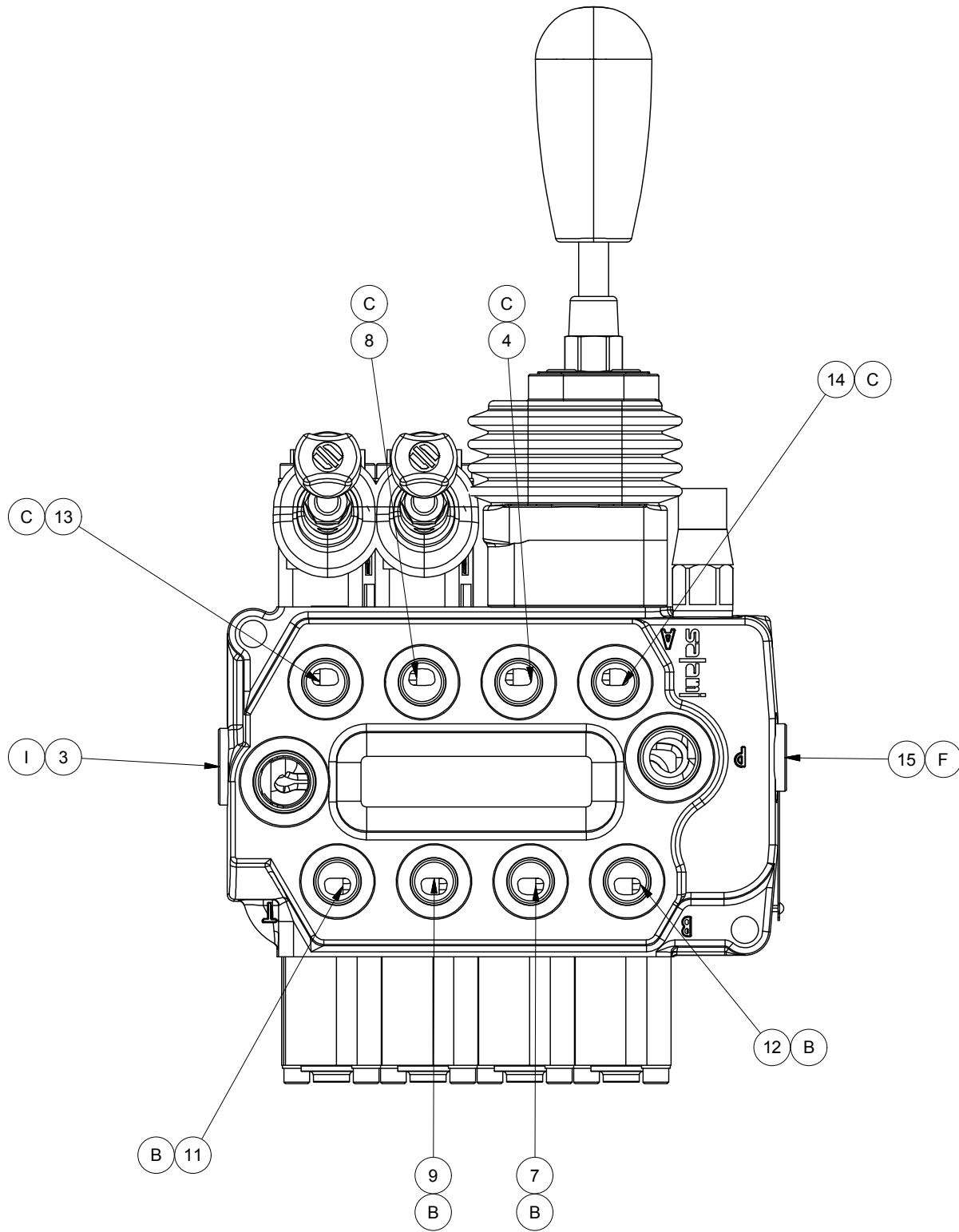


FIGURE 56

HYDRAULIC FITTING KIT - GAS/DIESEL

20-35/45/55

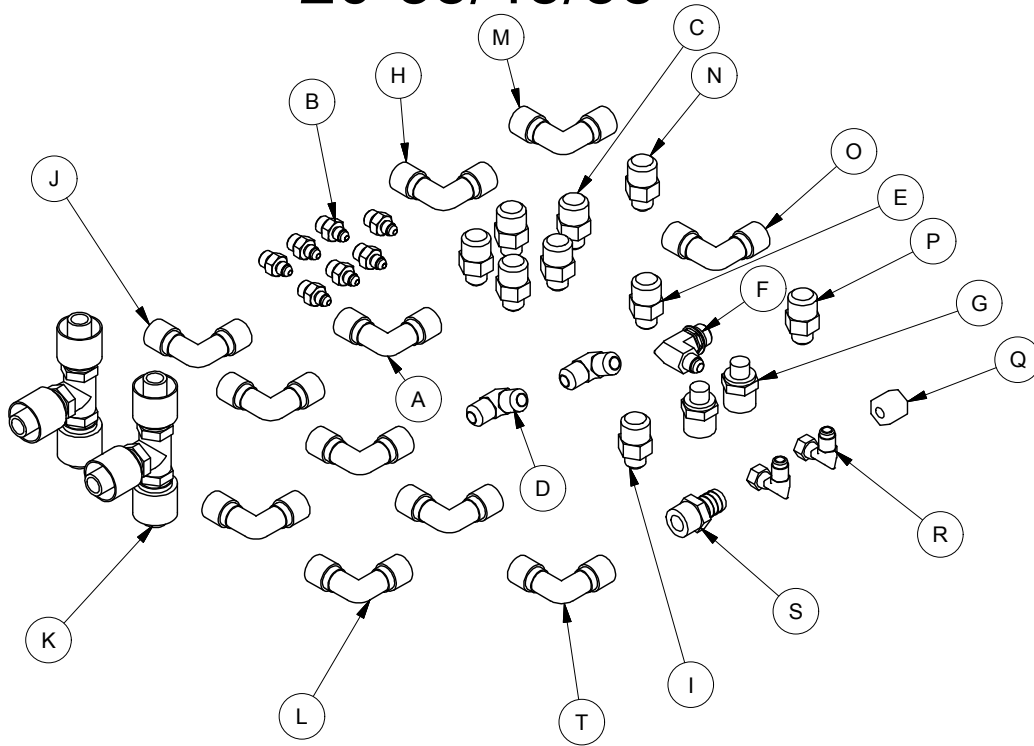


FIGURE 57

PARTS LIST OF PN# 13000006100-00			
REF #	PART #	QUANTITY	DESCRIPTION
A	13000006086-00	1	Fitting - Hydraulic (8MJ-10MB-90)
B	13000005139-00	7	Fitting - Hydraulic 6MB - 4MJ
C	13000006087-00	5	Fitting - Hydraulic (6MJ - 6MB)
D	13000042140-00	2	8MB-8MJ90 - Fitting - Hydraulic
E	13000006088-00	1	Fitting - Hydraulic (4MP-4MJ)
F	13000005142-00	1	Fitting - Hydraulic 8MB - 6MJ90
G	13000006089-00	2	Fitting - Hydraulic (6MJ-8MB) REST.
H	13000006090-00	1	Fitting - Hydraulic (4MP-6FJ-90)
I	13000006091-00	1	Fitting - Hydraulic (6MJ-8MB)
J	13000006092-00	2	Fitting - Hydraulic (4MJ-6MB-90)
K	13000006093-00	2	Fitting - Hydraulic (4MJ-6MB-90)
L	13000006094-00	4	Fitting - Hydraulic (6MJ-10MB-90)
M	13000006095-00	1	Fitting - Hydraulic (12MP-12MJ-90)
N	13000006096-00	1	Fitting - Hydraulic (12MJ-12MB)
O	13000006097-00	1	Fitting - Hydraulic (8MJ-12MP-90)
P	13000006098-00	1	Fitting - Hydraulic (12MP-12MP)
Q	13000006099-00	1	Fitting - Hydraulic (6FP CAP)
R	13000042583-00	2	Hydraulic Fitting Elbow - 6MJ-6FJX90
S	13000042176-00	1	Fitting - Hydraulic - (12MP-3/4") Barb
T	13000006632-00	1	Fitting - Hydraulic (12MP-12MJ-90)

20-35/45/55 CONVEYOR WITH MOVER FINISHED ASSEMBLY

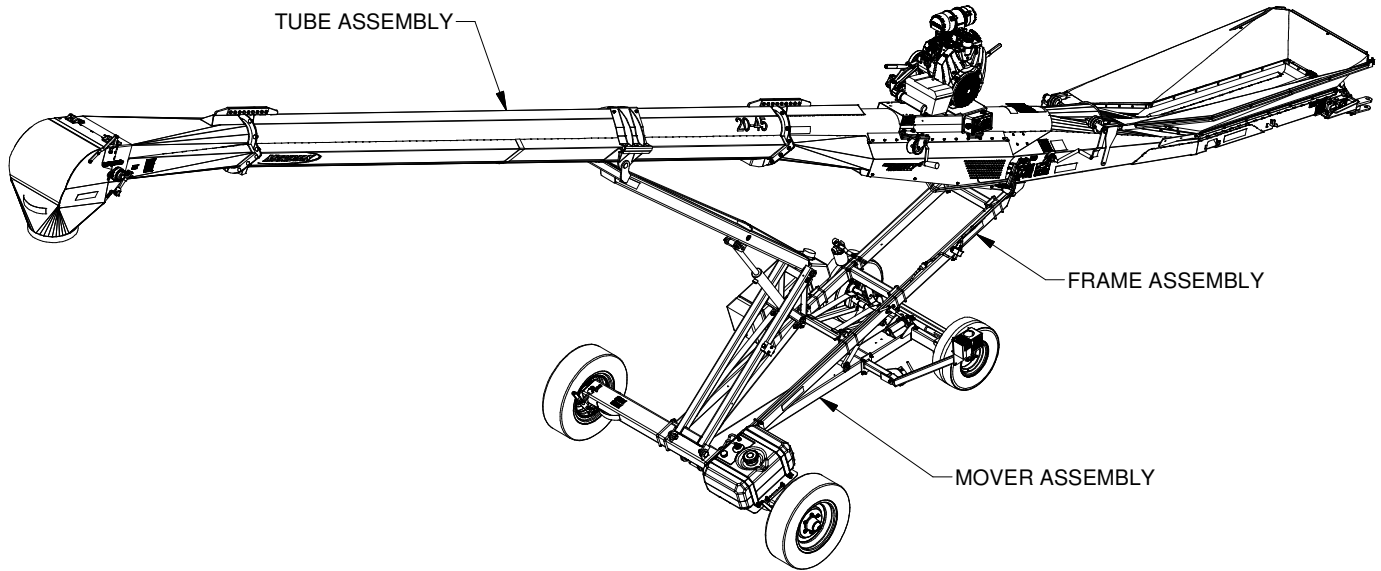


FIGURE 58

FINAL CHECK AND TESTING

INITIAL CONVEYOR ASSEMBLY

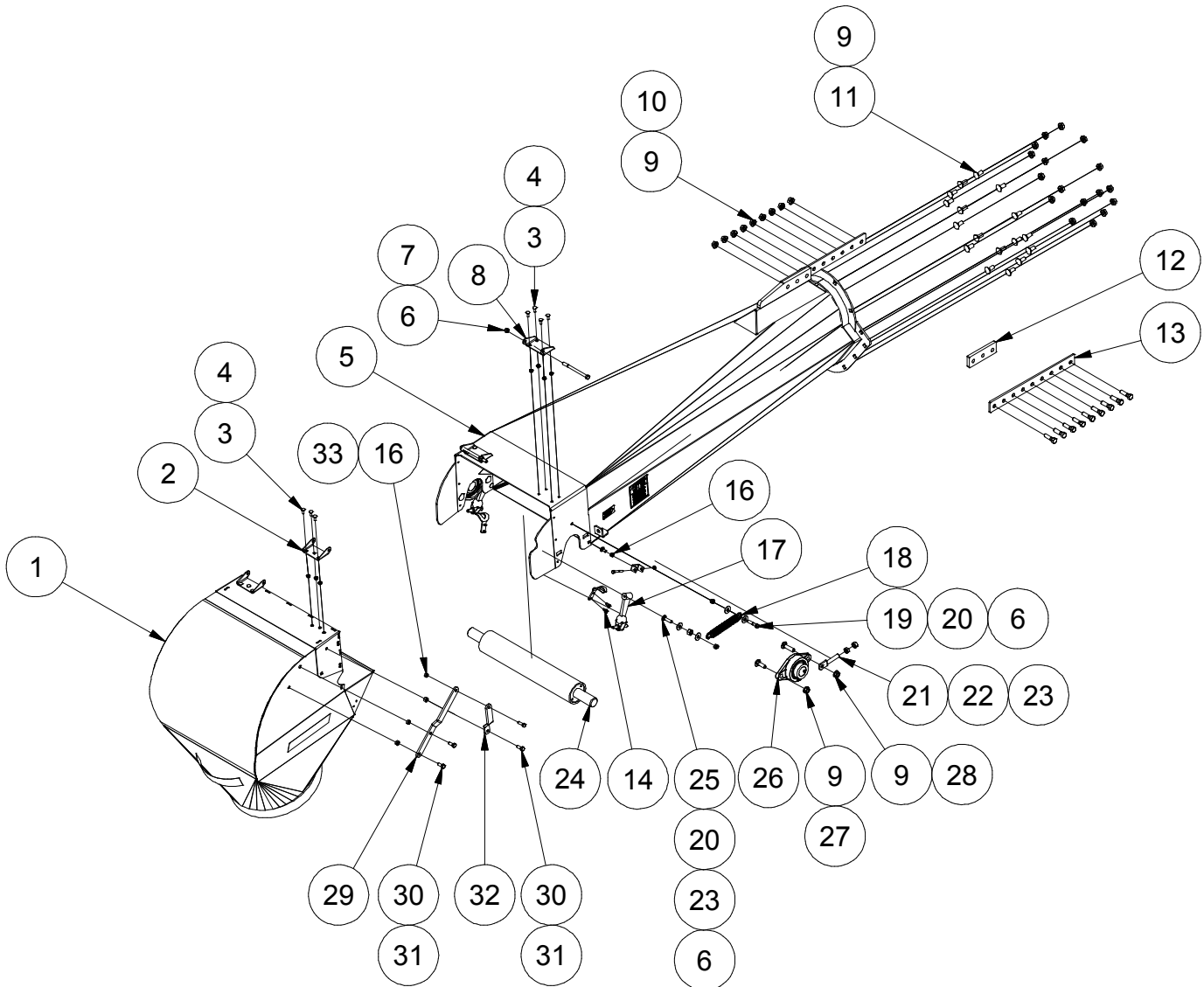
Meridian Reliabelt Conveyors come fully assembled. A minimum amount of tools are required to check the conveyor before the first use, but no assembly is required. Complete the Final Check and Testing in the next section to ensure all fasteners are tight and the conveyor assembly is ready to use.

CHECKLIST

All line items must be able to have the “Yes” column checked. If the line refers to an option that is not on the conveyor being tested, then “n/a” is to be placed on that line.

Item to Check	Yes	No
Belt guide is in place.		
Scraper is in place.		
All covers/shields are in place.		
Conveyor belt tracks in the center of the roller.		
Conveyor belt tension is correct.		
Drive belt tension is correct.		
Hopper canvas is in place.		
Lift frame will raise/lower conveyor properly.		
Electric drive motor functions properly.		
Conveyor belt operates in the proper direction (electric motor option).		
Touch up paint is applied where needed.		
All hazard labels are attached.		
Tires are properly inflated.		

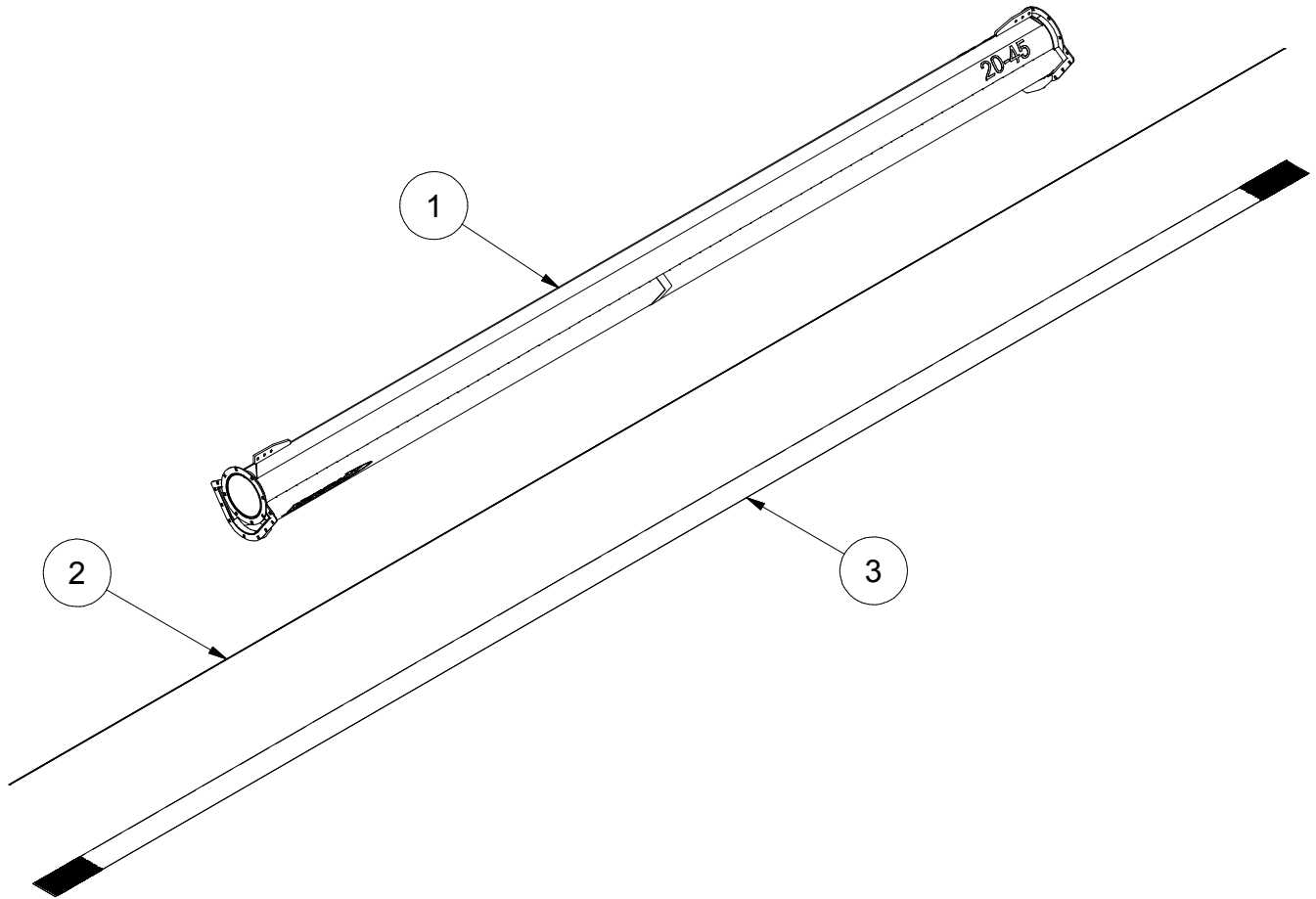
DISCHARGE ASSEMBLY



PARTS LIST

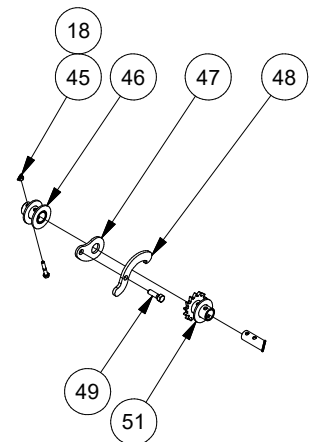
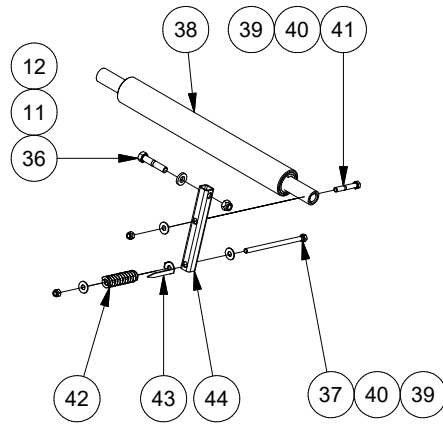
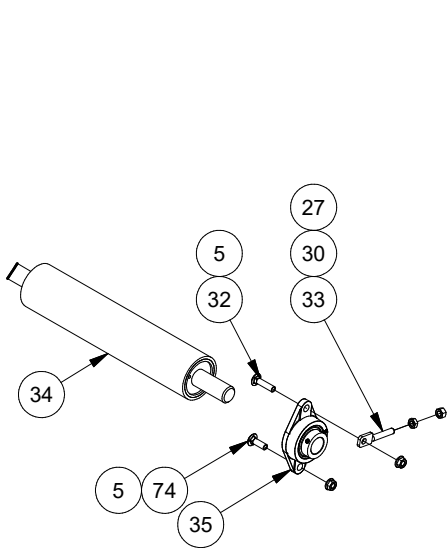
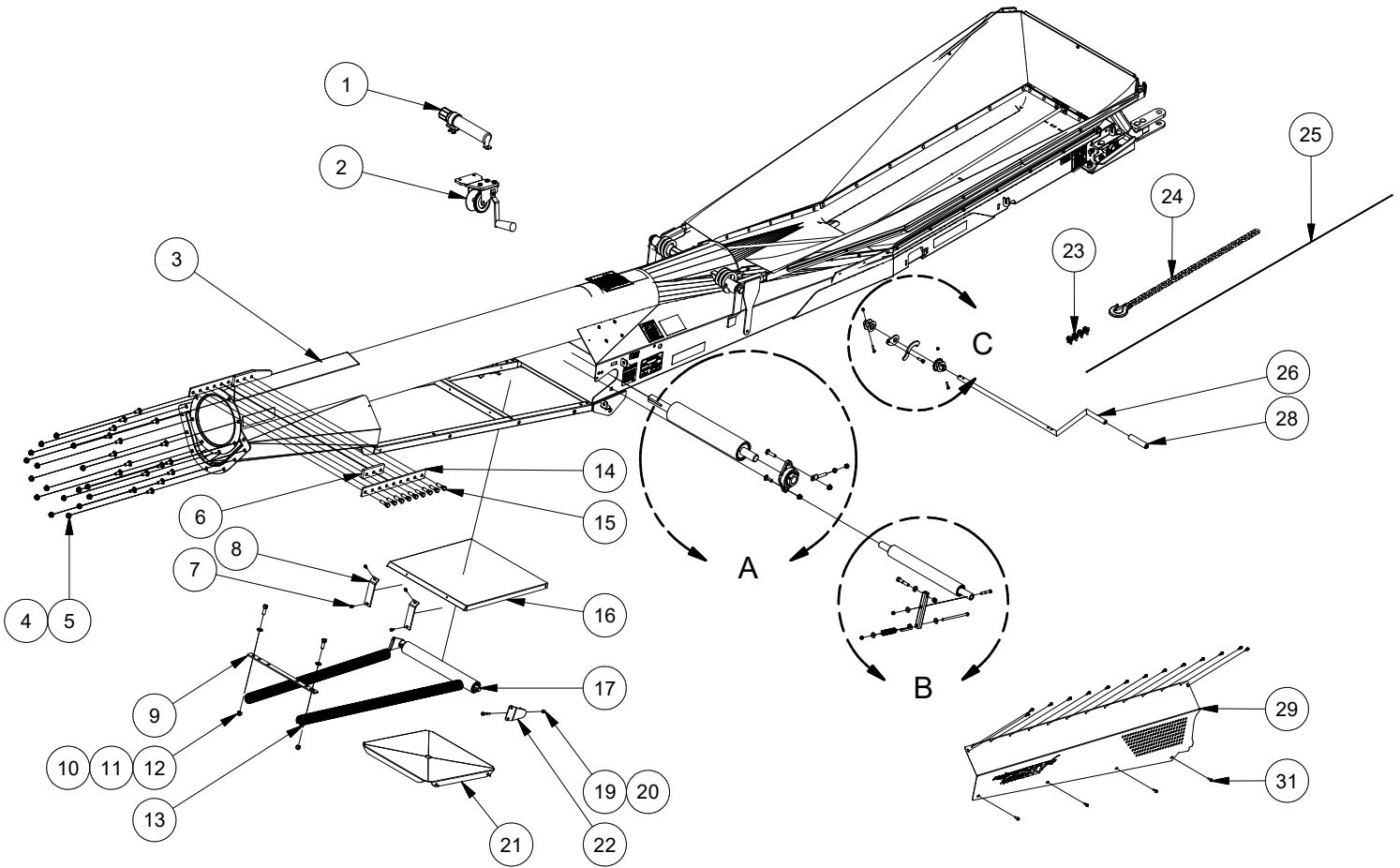
MERIDIAN RELIABELT 20-35 • 20-45 • 20-55			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000005500-00	1	Discharge Spout - Red
2	13000005505-00	2	Hinge - Discharge Side
3	13070904012	14	Carriage Bolt 1/4-20 UNC x 0.75
4	13073100004	14	Hex Flanged Nut 1/4-20 UNC
5	13000005672-00	1	Discharge - Transition - Red
6	13072900006	4	Nylock Nut 3/8-16 UNC
7	13070206080	2	BOLT, HEX, 3/8-16 UNC X 5 Steel, Mild
8	13000005506-00	2	Hinge - Transition Side
9	13073100008	30	Hex Flanged Nut 1/2-13 UNC
10	13070208028	9	Hex Bolt 1/2-13 UNC X 1.75
11	13070908020	17	Carriage Bolt 1/2-13 UNC x 1.25
12	13000005817-00	1	Plate - Spacer - Tube
13	13000005818-00	2	Plate - Brace Outside - Tube
14	13070604008	4	Self Tapping Screw 1/4-20 UNC X 0.5 Steel, Mild
15	13070905012	2	BOLT, CARRIAGE 5/16-18 UNC x 0.75 Steel, Mild
16	13072500005	3	Hex Nut 5/16-18 UNC
17	13000005824-00	2	Hood Catch - Discharge
18	13000005919-00	1	Spring - Extension 7"
19	13070206028	1	Hex Bolt 3/8-16 UNC X 1.75
20	13073600007	4	Washer 7/16
21	13000005503-00	2	Adjuster Tab
22	13072700008	2	Hex Jamb Nut 1/2-13 UNC
23	13072500008	3	Hex Nut 1/2-13 UNC
24	13000005721-00	1	Roller - Top
25	13070906024	1	BOLT, CARRIAGE 3/8-16 UNC x 1.5 Steel, Mild
26	13000005789-00	2	Bearing c/w housing - 1 1/2" FL208
27	13070908024	2	BOLT, CARRIAGE 1/2-13 UNC x 1.5 Steel, Mild
28	13070908032	2	BOLT, CARRIAGE 1/2-13 UNC x 2 Steel, Mild
29	13000005823-00	1	Arm Flat - Spout - Discharge
30	13070206014	3	BOLT, HEX, 3/8-16 UNC X 0.875 Steel, Mild
31	13072500006	3	NUT, HEX 3/8-16 UNC Steel, Mild
32	13000005607-00	1	ARM SPOUT HINGE
33	13070205016	1	BOLT, HEX, 5/16-18 UNC X 1 Steel, Mild

CABLE, BELT, AND TUBE ASSEMBLY

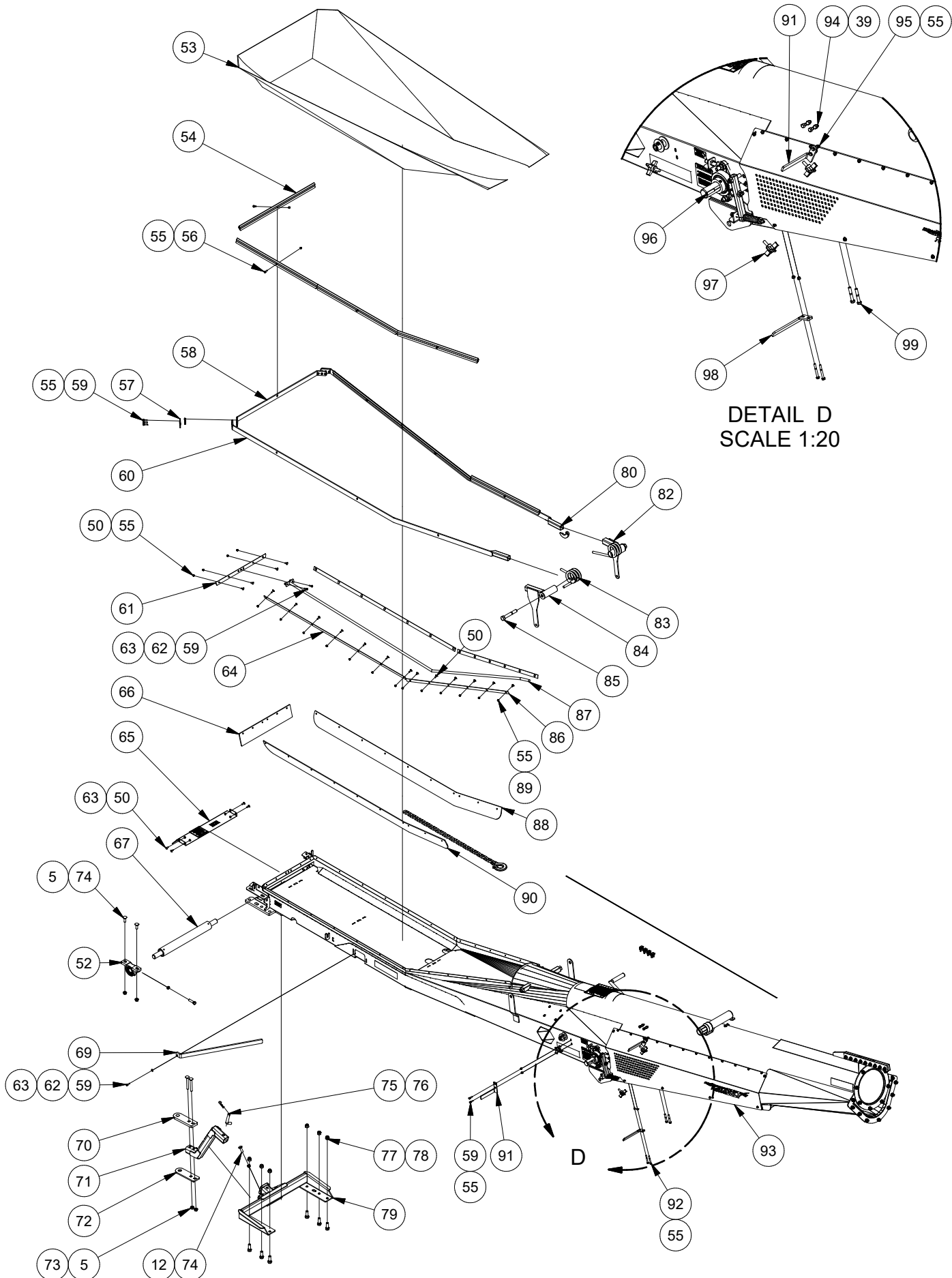


MERIDIAN RELIABELT 20-35 • 20-45 • 20-55			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000005584-00	1	Tube 10' - Red 20-35
	13000005586-00		Tube 20' - Red 20-45
	13000005670-00		Tube 30' - Red 20-55
2	13000006797-00	1	Cable c/w Eye & Clamps - 20-35
	13000006631-00		Cable c/w Eye & Clamps - 20-45
	13000007661-00		Cable c/w Eye & Clamps - 20-55
3	13000006162-00	1	Belt - Continuous Chevron 20-35
	13000005904-00		Belt - Continuous Chevron 20-45
	13000006161-00		Belt - Continuous Chevron 20-55

INTAKE ASSEMBLY



PARTS LIST



D5

PARTS LIST

MERIDIAN RELIABELT 20-35 • 20-45 • 20-55

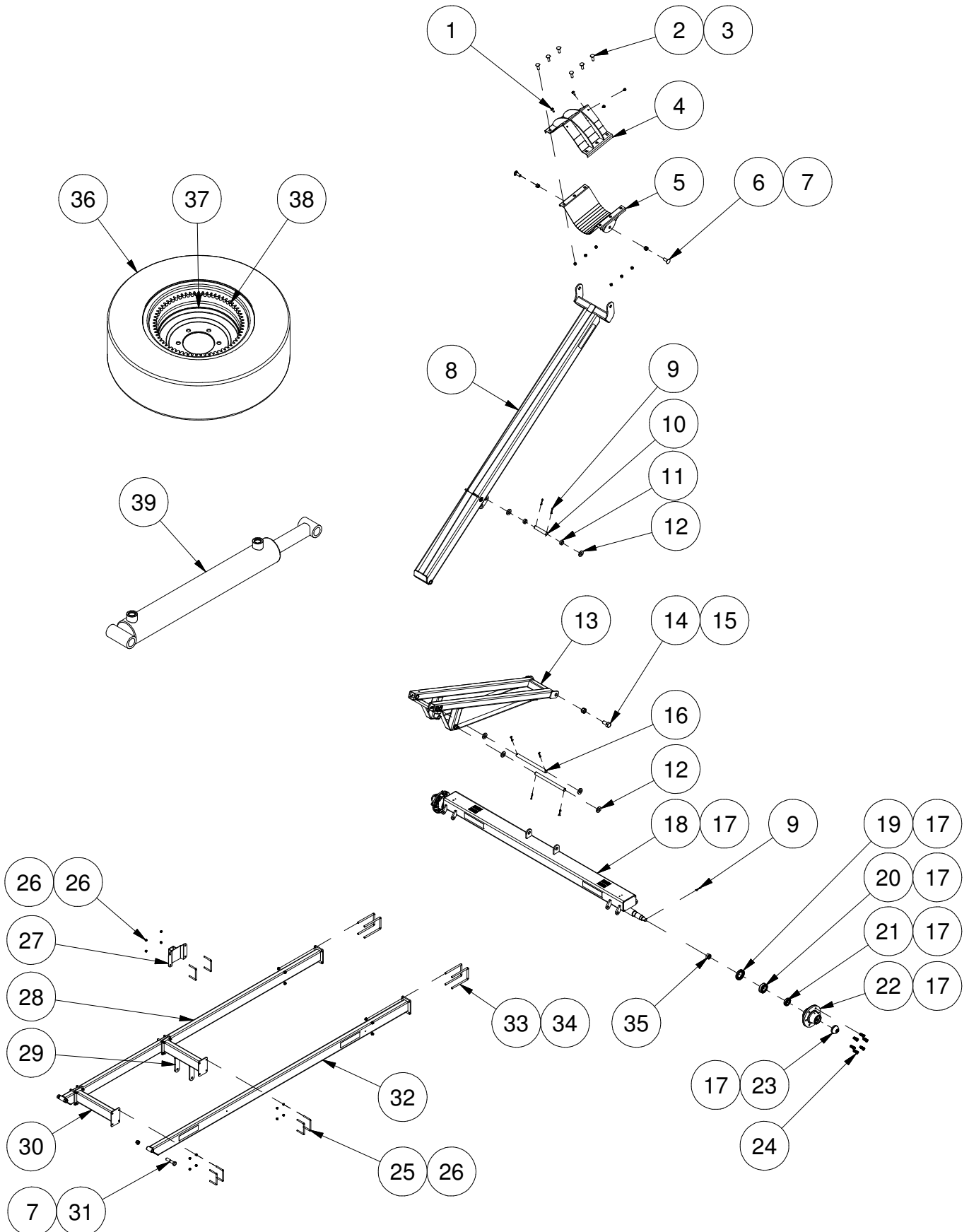
REF #	PART #	QUANTITY	DESCRIPTION
1	13000005049	1	Kit - Operators Manual Holder
2	13000006076-00	1	Kit - Winch 800lbs
3	13000005810-00	1	Intake L/P 5ft - Red
4	13070908020	17	Carriage Bolt 1/2 x 1 1/4-13 Gr 5
5	13073100008	36	Flange Lock Nut 1/2-13 Gr 5
6	13000005817-00	1	Plate - Spacer - Tube
7	13070604010	4	Self Threading Screw 1/4 x 5/8
8	13000005555-00	2	Plated - ABF Mounting Bracket
9	13000005835-00	1	Cross - Tie Bar - Slack Eliminator
10	13070208024	2	Hex Cap Screw 1/2 x 1 1/2-13 Gr 5
11	13073600008	4	Flat SAE Washer 1/2
12	13073000008	5	Stover Locknut 1/2-13 Type C
13	13000005525-00	2	Spring - Slack Eliminator 1.72x27 160LB
14	13000005818-00	2	Plate - Brace Outside - Tube
15	13070208028	9	Hex Cap Screw 1/2 x 1 3/4-13 Gr 5
16	13000005557-00	1	Guard Top - Roller - Grey
17	13000005730-00	1	Roller - SE
18	13070204024	2	Hex Cap Screw 1/4 x 1 1/2-20 Gr 5
19	13073000005	2	Stover Locknut 5/16-18 Type B Gr 5
20	13070205032	2	Hex Cap Screw 5/16 x 2-18 Gr 5
21	13000005554-00	1	Guard Bottom - Roller - Grey
22	13000005524-00	2	SE Cup - Grey
23	13000001060-00	4	1/4" Galv. Cable Clamp
24	13000006031-00	1	Chain - Safety 3/8" X 35"
25	13000006030-00	1	Cable - Hopper 5/32-7 X 19 Wire Rope
26	13000006225-00	1	Crank - Cross - Intake - Black
27	13072500008	2	Hex Nut 1/2-13 Gr 5
28	13000005805-00	1	Grip - Rubber Handle
29	13000005829-00	1	Cover - Intake LH Side - Grey
30	13072700008	4	Hex Jam Nut 1/2 Gr 5
31	13070704012	42	Screw Self Drill 1/4-14 x 3/4 Hex Washer Head
32	13070908032	2	Carriage Bolt 1/2 x 2-13 Gr 5
33	13000005503-00	2	Adjuster Tab
34	13000005728-00	1	Roller 4" Drive
35	13000005789-00	2	Bearing c/w housing - 1 1/2" FL208
36	13070208040	2	Hex Cap Screw 1/2 x 2 1/2-13 Gr 5
37	130000010698	2	Hex Cap Screw 3/8 x 7-16 Fully Threaded Gr 5 Yellow Zinc Plate
38	13000005726-00	1	Roller - Pinch
39	13073000006	7	NUT, HEX, STOVER 3/8-16 UNC Steel, Mild
40	13073500006	6	Flat Washer 3/8
41	13070206040	2	Hex Cap Screw 3/8 x 2 1/2-16 Gr 5
42	13000005523-00	2	Spring - Pinch
43	13000006084-00	2	Indicator - Roller Tension
44	13000005516-00	2	Pinch Tube - Grey
45	13072900004	2	Nylon Locknut 1/4-20 Gr 5
46	13000006227-00	1	Crank - RH Sleeve - Grey
47	13000006025-00	1	Washer - Crank - Intake
48	13000005982-00	1	Stop - Crank - Intake
49	13070206020	1	Hex Cap Screw 3/8 x 1 1/4-16 Gr 5
50	13070904012	27	Carriage Bolt 1/4 x 3/4-20 Gr 5
51	13000006226-00	1	Crank - LH Sleeve - Grey

PARTS LIST

MERIDIAN RELIABELT 20-35 • 20-45 • 20-55

REF #	PART #	QUANTITY	DESCRIPTION
52	13000005740-00	2	Bearing c/w Housing - 1 1/4" P206
53	13000005690-00	1	CANVAS - HOPPER BT 60X36
54	13000005552-00	7	Hopper Clip-30 in
55	13073000004	43	Stover Locknut 1/4-20 Type B Gr 5
56	13070204014	7	Hex Cap Screw 1/4 x 7/8-20 Gr 5
57	13000006923-00	2	Plate - Canvas Corner
58	13000005537-00	1	Arm - Cross - Canvas
59	13070204016	9	Hex Cap Screw 1/4 x 1-20 Gr 5
60	13000005617-00	1	Hopper Hoop RH - Intake L/P 5' - Grey
61	13000005556-00	1	Plated - 20" Canvas Support
62	13073600004	13	Flat SAE Washer 1/4
63	13072500004	7	Hex Nut 1/4-20 Gr 5
64	13000005538-00	2	Hopper Flashing Strip
65	13000005679-00	1	Plate - Pan End - Grey
66	13000006569-00	1	Rubber-Hopper Flashing End-Intake 5'
67	13000005727-00	1	Roller - Bottom
68	13071508032	2	Hex Cap Screw 1/2 x 2-13 Fully Threaded Gr 5
69	13000005553-00	1	Scraper - Return - Intake
70	13000005812-00	1	Plate - Drawbar - Top
71	13000005813-00	1	Draw Bar - Grey
72	13000005811-00	1	Plate - Drawbar Bottom
73	13070908064	2	Carriage Bolt 1/2 x 4 -13 Gr 5
74	13070908024	7	Carriage Bolt 1/2 x 1 1/2-13 Gr 5
75	13000001646-00	1	Bent Pull Pin 5/8" x 3"
76	13073902040	1	1/8" x 2 1/2" Hair Pin
77	13073000010	6	Stover Locknut 5/8-11 Type B Gr 5
78	13070210028	6	Hex Cap Screw 5/8 x 1 3/4-11 Gr 5
79	13000005510-00	1	Hitch Rigid - Grey
80	13000005616-00	1	Hopper Hoop LH - Intake L/P 5' - Grey
81	13000005918-00	1	Spring - Hopper Left
82	13000005665-00	1	Pivot LH - Intake L/P 5' - Grey
83	13000005917-00	1	Spring - Hopper Right
84	13000005667-00	1	Pivot RH - Intake L/P 5' - Grey
85	13070212080	2	Hex Cap Screw 3/4 x 5-10 Gr 5
86	13000005539-00	2	Support - Canvas
87	13000005675-00	1	Belt Depressor - Grey
88	13000006051-00	1	Rubber - Hopper Flashing - Intake 5'
89	13070904008	7	Carriage Bolt 1/4 x 1/2-20 Gr 5
90	13000006071-00	1	Rubber- Intake Flashing RH- 5'
91	13000005567-00	2	Belt Shield Brace 90
92	13070204036	2	Hex Cap Screw 1/4 x 2 1/4-20 Gr 5
93	13000005827-00	1	Cover - Intake RH Side - Grey
94	13070206024	2	Hex Cap Screw 3/8 x 1 1/2-16 Gr 5
95	13070204020	2	Hex Cap Screw 1/4 x 1 1/4-20 Gr 5
96	13000005173-00	1	Key 3/8 x 3/8 x 1.5
97	13000005802-00	3	Handwheel - Plastic 3/8
98	13000006060-00	1	Belt Shield Brace 45
99	13070206036	2	Hex Cap Screw 3/8 x 2 1/4-16 Gr 5

MAIN FRAME ASSEMBLY

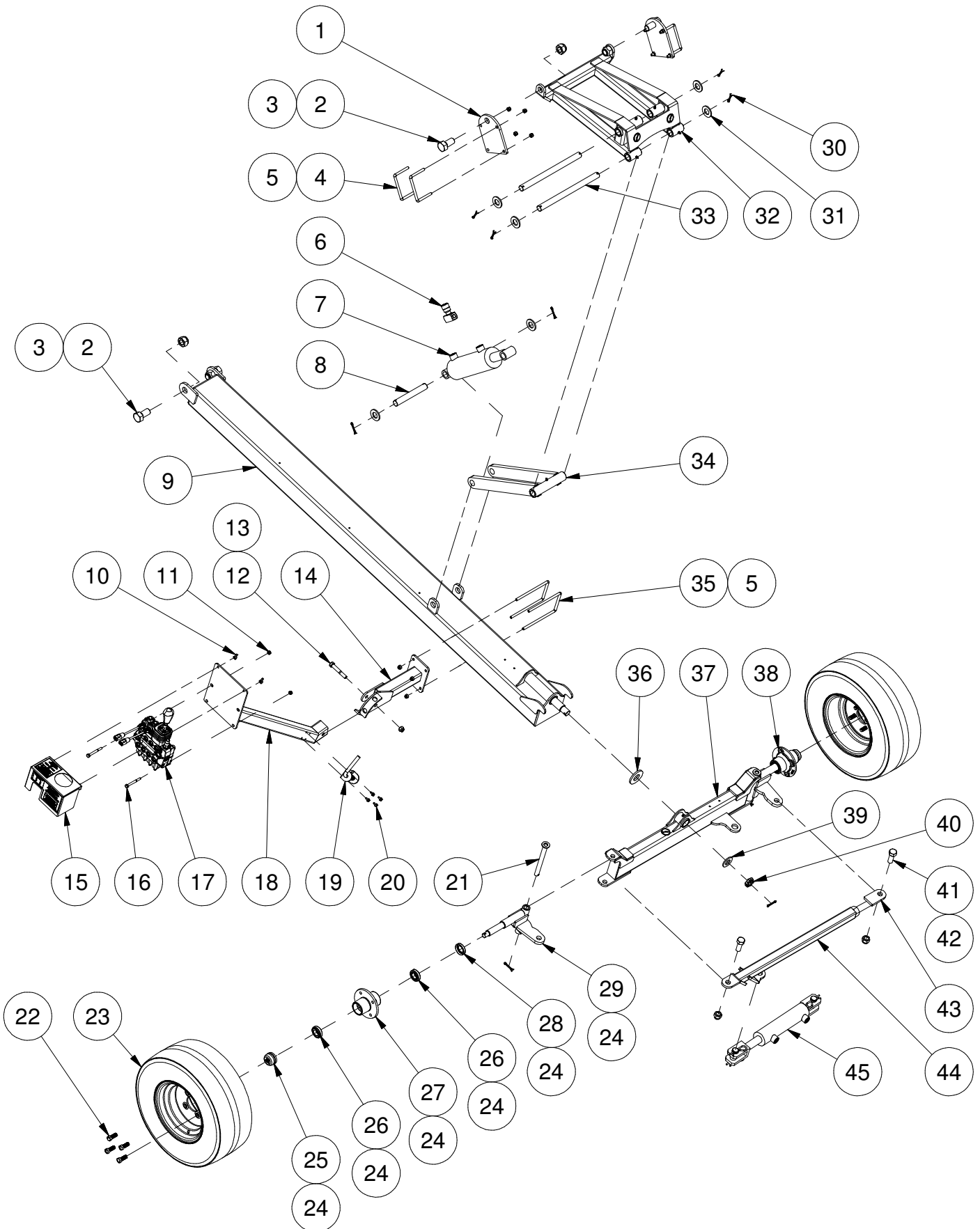


PARTS LIST

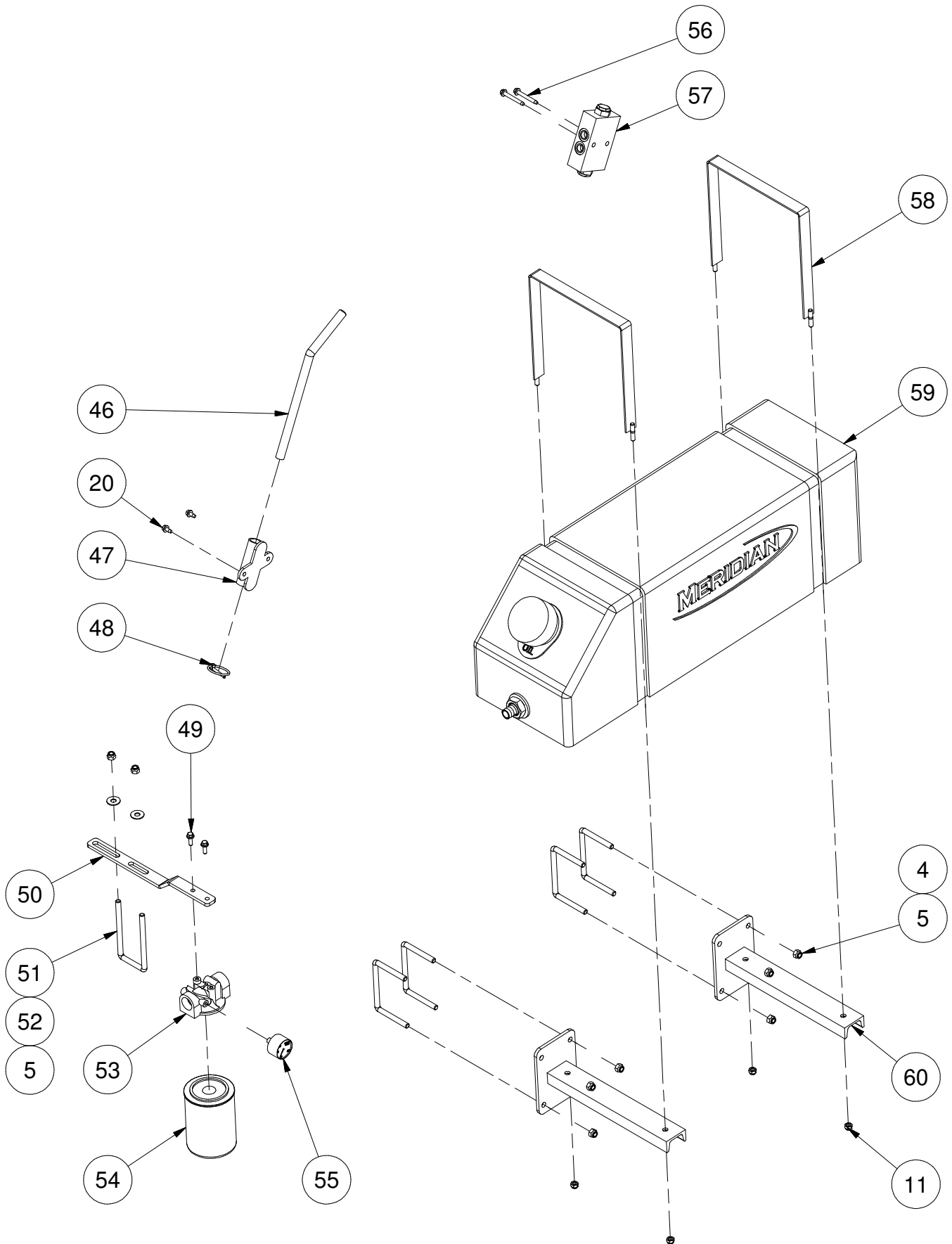
MERIDIAN RELIABELT 20-35 • 20-45 • 20-55

REF #	PART #	QUANTITY	DESCRIPTION
1	13070606016	4	Screw, Flanged, Self-Tapping 3/8-16 UNC X 1 Steel, Mild
2	13070910032	6	Bolt, Carriage 5/8-11 UNC x 2 Steel, Mild
3	130-703-00010	6	5/8 - 18 NF Stover Locknut
4	13000005574-00	1	Clamp - Top Half - Tube - Grey
5	13000005573-00	1	Cradle 10'-13.5' UC - Grey
6	13070912032	2	Bolt, Carriage 3/4-10 UNC x 2 Steel, Mild
7	13073000012	4	NUT, HEX, STOVER 3/4-16 UNF Steel, Mild
8	13000005634-00	1	Scissor Lift Arm Top - Grey
9	13073706048	8	Pin Cotter 3/16 x 1 1/2 Extended Prong Square Cut Type *comes with Spindle
10	13000005621-00	1	Pin 0.994" X 5.5"
11	13000006590-00	2	Bushing - Cylinder
12	13073600016	6	Washer, Flat 1"
13	13000005632-00	1	Scissor Lift Arm Assy- 60"
14	13070216032	2	Bolt, Hex, 1-8 UNC X 2 Steel, Mild
15	13073000016	2	NUT, HEX, NYLOCK1-8 UNC Steel, Mild
16	13000005620-00	2	Pin 1" X 13.25"
17	130000011028-00	1	Axle RM4 c/w Hubs rBELT 2045
18	13000005630-00	1	AXLE - RM4 - GREY
19	13000005793-00	2	Grease Seal
20	13000005792-00	2	Bearing - Roller Tapered (Inner)
21	13000005791-00	2	Bearing - Roller Tapered (Outer)
22	13000005790-00	2	Hub - 6 Bolt
23	13000005795-00	2	Dust Cap
24	13000005794-00	12	Wheel Bolt - .562-18UNF X 1.75
25	13000005955-00	10	U-Bolt - .375 x 4W x 3H
26	13073000006	20	NUT, HEX, STOVER 3/8-16 UNC Steel, Mild
27	13000005636-00	1	Draw Bar Storage Small- Black- 20-45
28	13000005628-00	1	Arm 43' UC RH - Grey 20-35/45
	13000006114-00		Arm 55' UC RH - Grey 20-55
29	13000005624-00	1	Cross - Transport - Grey
30	13000005626-00	1	Cross - Brace - RM4 UC - Grey
31	13070212056	2	Bolt, Hex, 3/4-10 UNC X 3.5 Steel, Mild
32	13000006109-00	1	Arm 43' UC LH 20-35/45
	13000006115-00		Arm 55' UC LH 20-55
33	13000005953-00	4	U-Bolt - .5 x 4W x 7.25H
34	13073000008	8	Stover Locknut 1/2-13 Type B Gr 5
35	13000003134-00	2	Spindle Nut *comes with Spindle
36	14800000355-00	1	Tire - ST 205/75R15 D
37	13000005913-00	1	Rim - 15 X 6 6-6
38	13000005915-00	1	Gear - Drive 15"
39	13000005662-00	1	Cylinder - HYS 25MAL 18-10

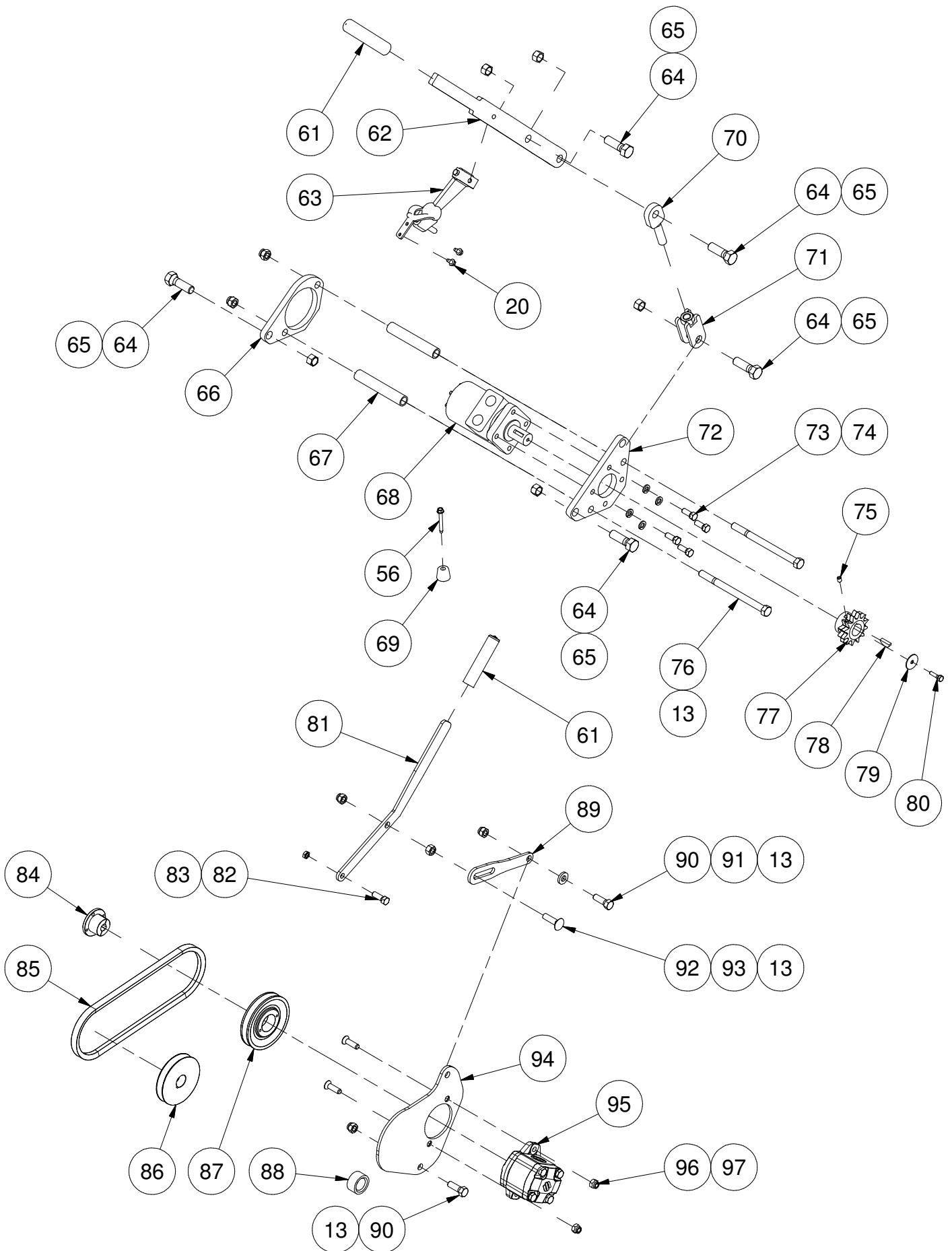
MOVER FRAME ASSEMBLY



PARTS LIST



PARTS LIST



D12

13000007698-05-02

PARTS LIST

MERIDIAN RELIABELT 20-35 • 20-45 • 20-55

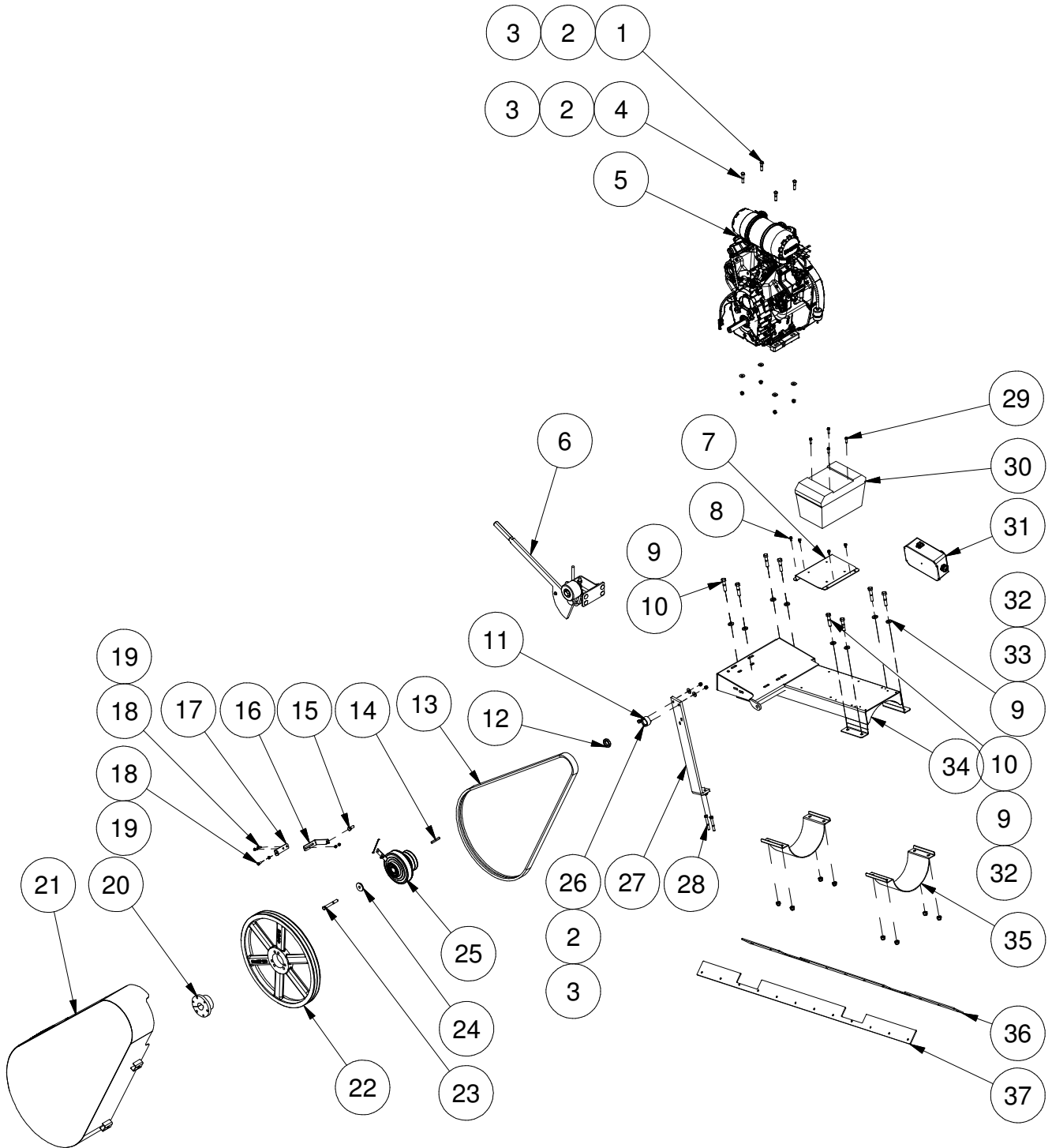
REF #	PART #	QUANTITY	DESCRIPTION
1	13000005659-00	2	MOVER LIFT MOUNT - GREY
2	13070216032	4	Hex Cap Screw 1 x 2-8 Gr 5
3	13073000016	4	NUT, HEX, NYLOCK1-8 UNC Steel, Mild
4	13000005955-00	8	U-Bolt - .375 x 4W x 3H
5	13073000006	22	NUT, HEX, STOVER 3/8-16 UNC Steel, Mild
6	13000006016-00	1	Valve - Needle 1/4" NPT
7	13000005661-00	1	Cylinder - HYS 30MAL06-10
8	13000005622-00	1	PIN 0.994" X 7"
9	13000005657-00	1	ARM THIRD - GREY 20-35/45
	13000006119-00		ARM THIRD - GREY 20-55
10	13073200004	2	Wing Nut Steel 1/4-20
11	13073000005	6	Stover Locknut 5/16-18 Type B Gr 5
12	13070208052	1	Hex Cap Screw 1/2 x 3 1/4-13 Gr 5
13	13073000008	8	Stover Locknut 1/2-13 Type C
14	13000005644-00	1	MOUNT - 2 STEER ARM - GREY
15	13000006463-00	1	Cover - Hyd Controls - Grey
16	13070205048	2	Hex Cap Screw 5/16 x 3-18 Gr 5
17	13000005663-00	1	Valve - 4 Spool
18	13000005642-00	1	HANDLE 43" ARM - GREY
19	13000005549-00	1	Spring Latch Assembly - B2595
20	13070604008	10	Self Threading Screw 1/4 x 1/2
21	13000005646-00	2	STEERING KNUCKLE - PIN
22	13000005737-00	8	Wheel Bolt - .50-2UNF-2A X 1.75
23	13000006634-00	2	Wheel - 10" Grey
24	130000011026-00	1	Steering Knuckle c/w Hub LH rBELT 2045
25	13000005735-00	1	Dust Cap - DC11
26	13000005732-00	2	Bearing Cone - Outer L44643
27	13000005731-00	1	Hub - 4 Bolt hd211
28	13000005733-00	1	Grease Seal - SE10
29	13000005649-00	1	STEERING KNUCKLE LH - GREY
30	13073706048	9	PIN, COTTER 3/16 x 1 1/2 Extended Prong Square Cut Type
31	13073600016	6	Flat SAE Washer 1
32	13000005640-00	1	SCISSOR LIFT TOP SMALL - GREY
33	13000005620-00	2	PIN 1" X 13.25"
34	13000005639-00	1	Scissor Lift Arm - Small Grey
35	13000005954-00	2	U-Bolt - .375 x 4W x 7.25H
36	13000005912-00	1	Washer - UHMW 1 1/4"
37	13000005837-00	1	STEERING AXLE - GREY
38	130000011027-00	1	Steering Knuckle c/w Hub RH rBELT 2045
39	13000003136-00	1	Spindle Washer
40	13000005451-00	1	Castle Nut 1-14UNS
41	13070212032	2	Hex Cap Screw 3/4 x 2-10 Gr 5
42	13073000012	2	NUT, HEX, STOVER 3/4-16 UNF Steel, Mild
43	13000005647-00	1	43" UC TIE ROD
44	13000005653-00	1	TIE ROD - GREY
45	13000005623-00	1	Cylinder - HYS 20FEM06-10
46	13000006075-00	1	Pin Transport Grey
47	13000005689-00	1	HOLDER TRANSPORT PIN
48	13000003153-00	1	Lynch Pin
49	13071204012	2	Flange Lock Bolt 1/4 X 3/4-20 Gr 5
50	13000006687-00	1	BRACKET - OIL FILTER - MOVER

PARTS LIST

MERIDIAN RELIABELT 20-35 • 20-45 • 20-55

REF #	PART #	QUANTITY	DESCRIPTION
51	13000006688-00	1	U-Bolt - 3/8 x 4W x 5H
52	13073500006	2	Flat Washer 3/8
53	13000005907-00	1	Filter - Hydraulic Head
54	13000005803-00	1	Filter - Hydraulic
55	13000005804-00	1	Filter - Indicator
56	13070604032	4	Self Threading Screw 1/4 x 2
57	13000005798-00	1	Valve- Dual Piloted Check
58	13000042177-00	2	Paint - Tank Clamp
59	13000042165-00	1	Tank Oil (11 Gallon) - Assembly
60	13000006107-00	2	BRACKET MOUNT - OIL TANK - GREY
61	13000005805-00	3	Grip - Rubber Handle
62	13000005681-00	2	HANDLE DRIVE MOTOR
63	13000005824-00	2	Hood Catch - Discharge
64	13070210032	10	Hex Cap Screw 5/8 x 2-11 Gr 5
65	130-703-00010	10	5/8 - 18 NF Stover Locknut
66	13000007894-00	2	PLATE - Drive Motor B 4.9 CI Motor
67	13000007896-00	4	Spacer - Motor
68	13000042194-00	2	Motor
69	13000005746-00	2	Bumper - Recessed Rubber
70	13000005575-00	2	LINKAGE A - DRIVE MOTOR
71	13000005576-00	2	LINKAGE B - DRIVE MOTOR
72	13000007893-00	2	Plate - Drive Motor A 4.9 CI Motor
73	13070206016	8	Hex Cap Screw 3/8 x 1-16 Gr 5
74	13073400006	8	Spring Lock Washer 3/8
75	13074205006	2	Socket S/Screw 5/16 x 3/8-18
76	13070208112	4	Hex Cap Screw 1/2 x 7-13 Gr 5
77	13000042192-00	2	Gear
78	11074000808	2	Woodruff Key
79	13073510004	2	Flat Washer - Fender - 1/4
80	13070204016	2	Hex Cap Screw 1/4 x 1-20 Gr 5
81	13000005564-00	1	Plate RM Pump Lever A
82	13070207020	1	Hex Cap Screw 7/16 x 1 1/4-14 Gr 5
83	13072700006	1	Hex Jam Nut 3/8-16 Gr 5
84	13000005532-00	1	Bushing SFX 5/8 (Hub) 20-45
85	13000005905-00	1	V-Belt - B34 (Gas Engines)
	13000007927-00		V-Belt - B32 (Isuzu Diesel Engine)
86	13000006032-00	1	Sheave - BK45 FINISHED BORE 1 1/8"
87	13000005530-00	1	Belt Sheave OD 4.95 BK52H
88	13000042253-00	1	Bushing Beveled
89	13000005563-00	1	Plate Hydraulic Pump Adjuster
90	13070208024	2	Hex Cap Screw 1/2 x 1 1/2-13 Gr 5
91	13073600008	1	Flat SAE Washer 1/2
92	13070908028	1	Carriage Bolt 1/2 x 1 3/4-13 Gr 5
93	13072500008	1	Hex Nut 1/2-13 Gr 5
94	13000005565-00	1	Mount - Hydraulic Pump - Grey
95	13000005901-00	1	Pump - Hydraulic Salami 6.5 GPM
96	13072900007	2	Nylon Locknut 7/16-14 Gr 5
97	13075507024	2	Flat Head Skt C/S 7/16 x 1 1/2

GAS ENGINE ASSEMBLY



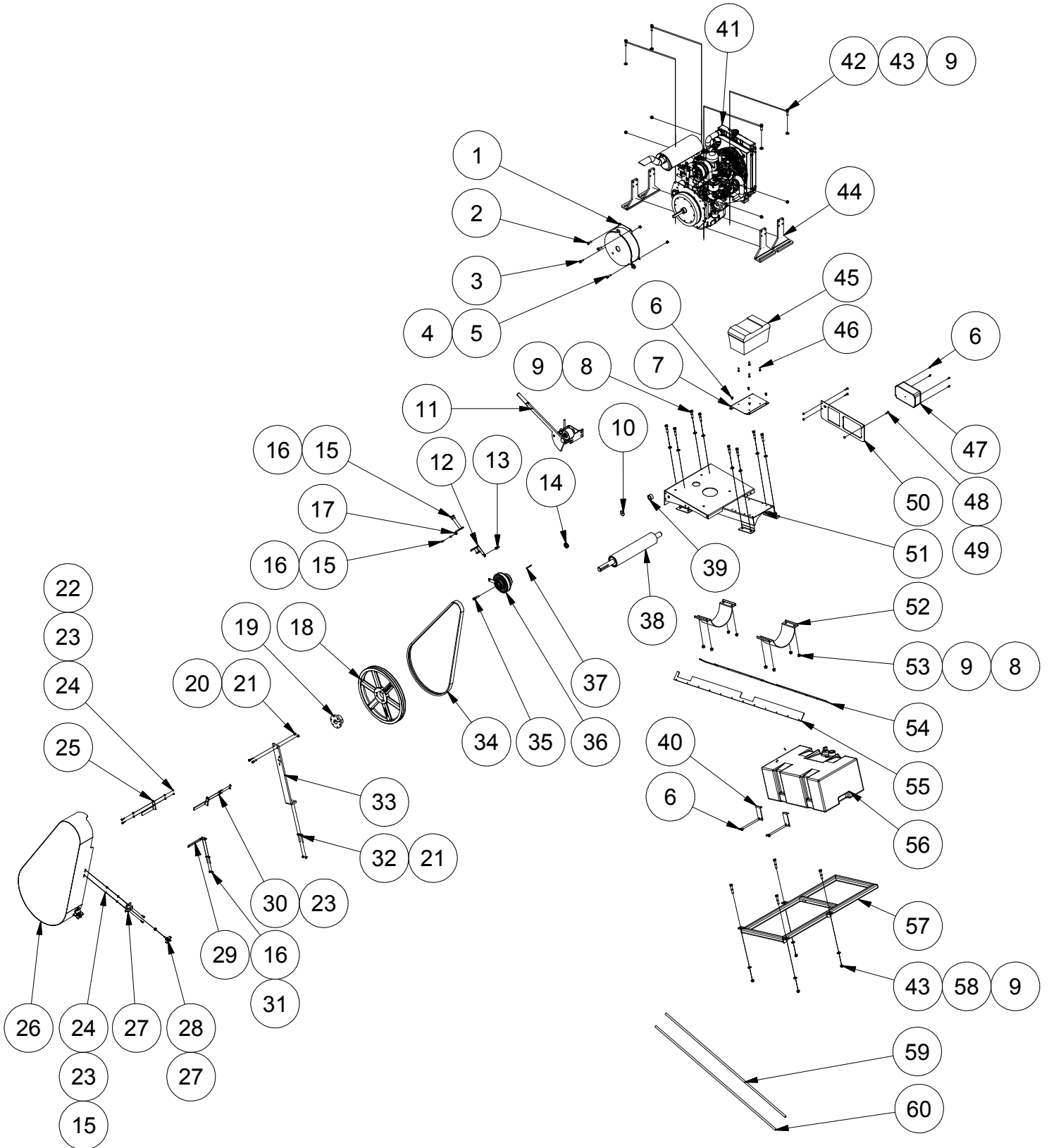
NOTE: FOR FUEL TANK KIT PART LIST SEE 130000010228-00
AND INSTALLATION INSTRUCTIONS 130000010352-00

PARTS LIST

MERIDIAN RELIABELT 20-35 • 20-45 • 20-55

REF #	PART #	QUANTITY	DESCRIPTION
1	13070206028	3	Hex Cap Screw 3/8 x 1 3/4-16 Gr 5
2	13073500006	8	Flat Washer 3/8
3	13073000006	8	NUT, HEX, STOVER 3/8-16 UNC Steel, Mild
4	13070206032	1	Hex Cap Screw 3/8 x 2-16 Gr 5
5	130000042345-01	1	Kohler Engine CH980 - 35HP
6	13000006247-00	1	Assembly - Tensioner
7	13000005560-00	1	Battery Box Mount Plate - Grey
8	13070604008	4	Self Threading Screw 1/4 x 1/2
9	13073600008	8	Flat SAE Washer 1/2
10	13070208036	6	Hex Cap Screw 1/2 x 2 1/4-13 Gr 5
11	13000042253-00	1	Bushing Beveled
12	13000006065-00	1	Washer - Electric Clutch
13	13000005906-00	1	V-Belt - 2B105 Banded
14	13000006635-00	1	Key - 1/4 x 1/4 x 2 1/4"
15	13070207016	1	Hex Cap Screw 7/16 x 1, 14 UNC Gr 5
16	13000006052-00	1	Bracket - Electric Clutch Pt 2
17	13000005558-00	1	Bracket - Electric Clutch Pt 1
18	13070204012	3	BOLT, HEX, 1/4-20 UNC X 0.75 Steel, Mild
19	13073000004	3	Stover Locknut 1/4-20 Type B Gr 5
20	13000005529-00	1	Bushing SFX 1 1/2 QD
21	13000006059-00	1	Cover - Electric Clutch - Grey
22	13000005528-00	1	Belt Sheave OD 20.35 2B200 SF
23	13070207056	1	Hex Cap Screw 7/16 x 3 1/2-14 Gr 5
24	13000006066-00	1	Washer - Step - Electric Clutch
25	13000042252-00	1	Clutch - Groove Triple - Electric
26	13070206024	2	Hex Cap Screw 3/8 x 1 1/2-16 Gr 5
27	13000005559-00	1	Plated - Support Bracket
28	13070206044	2	Hex Cap Screw 3/8 x 2 3/4-16 Gr 5
29	13070604016	4	Self Threading Screw 1/4 x 1 Type 1 Hex Washer
30	13000007226-00	1	Battery Box - Quick Cable 120171-001
31	13000006017-00	1	Kit - Control Box
32	13072900008	8	Nylon Locknut 1/2-13 Gr 5
33	13070208040	2	Hex Cap Screw 1/2 x 2 1/2-13 Gr 5
34	13000006224-00	1	Motor Mount - 10" Tube - Grey
35	13000006223-00	2	Clamp - 10" Tube - Grey
36	13000006069-00	1	Cover - Rubber - LH
37	13000006070-00	1	Cover - Rubber - RH

DIESEL ENGINE ASSEMBLY



PARTS LIST

MERIDIAN RELIABELT 20-35 • 20-45 • 20-55

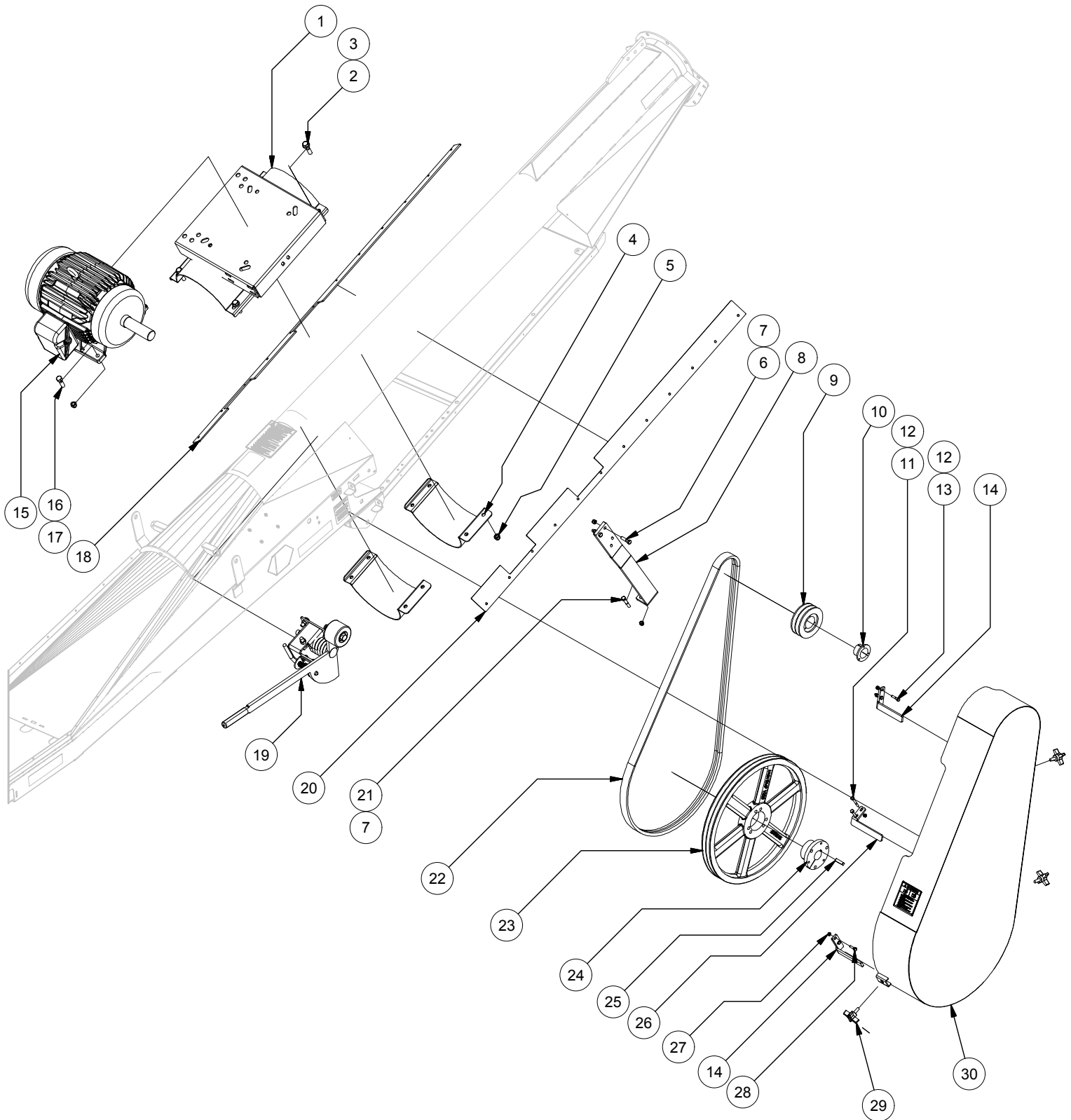
REF #	PART #	QUANTITY	DESCRIPTION
1	13000006667-00	1	Diesel - Bell Housing - Grey
2	13070112030	2	Hex Bolt
3	13070207020	1	BOLT, HEX, 7/16-14 UNC X 1.25 Steel, Mild
4	13073000007	2	NUT, HEX, NYLOCK7/16-14 UNC Steel, Mild
5	13070207024	1	BOLT, HEX, 7/16-14 UNC X 1.5 Steel, Mild
6	13070604008	16	SCREW, FLANGED, SELF-TAPPING 1/4-20 UNC X 0.5 Steel, Mild
7	13000005560-00	1	Battery Box Mount Plate - Grey
8	13070208036	8	BOLT, HEX, 1/2-13 UNC X 2.25 Steel, Mild
9	13073600008	16	WASHER, FLAT 1/2
10	13000042255-00	1	Collar Stepped
11	13000006839-00	1	Assembly - Tensioner Diesel
12	13000006052-00	1	Bracket - Electric Clutch Pt 2
13	13070207016	1	BOLT, HEX, 7/16-14 UNC X 1 Steel, Mild
14	13000006065-00	1	Washer - Electric Clutch
15	13070204012	9	BOLT, HEX, 1/4-20 UNC X 0.75 Steel, Mild
16	13073000004	7	NUT, HEX, NYLOCK1/4-20 UNC Steel, Mild
17	13000005558-00	1	Bracket - Electric Clutch Pt 1
18	13000005528-00	1	Belt Sheave OD 20.35 2B200 SF
19	13000005529-00	1	Bushing SFX 11/2 QD
20	13070206024	2	BOLT, HEX, 3/8-16 UNC X 1.5 Steel, Mild
21	13073000006	4	NUT, HEX, NYLOCK3/8-16 UNC Steel, Mild
22	13070204016	2	BOLT, HEX, 1/4-20 UNC X 1 Steel, Mild
23	13073600004	14	WASHER, FLAT 1/4
24	13072500004	8	NUT, HEX 1/4-20 UNC Steel, Mild
25	13000005567-00	2	Belt Shield Brace 90
26	13000007180-00	1	Cover - Diesel Pulley - Grey
27	13000007182-00	3	Bracket - Diesel Pulley Cover - Grey
28	13000005802-00	3	Handwheel - Plastic 3/8
29	13000006060-00	1	Belt Shield Brace 45
30	13070204020	2	BOLT, HEX, 1/4-20 UNC X 1.25 Steel, Mild
31	13070904036	2	BOLT, CARRIAGE 1/4-20 UNC x 2.25 Steel, Mild
32	13070906044	2	BOLT, CARRIAGE 3/8-16 UNC x 2.75 Steel, Mild
33	13000006603-00	1	Brace - Diesel Motor Mount
34	13000005906-00	1	V-Belt - 2B105 Banded
35	13070207032	1	BOLT, HEX, 7/16-14 UNC X 2 Steel, Mild
36	13000005743-00	1	Clutch - Ogura Electric
37	13000006635-00	1	Key - 1/4 x 1/4 x 2 1/4"
38	13000005728-00	1	Roller - 4" Drive
39	13000042253-00	1	Bushing Beveled
40	13000006665-00	4	Tank - Diesel Tie Down
41	13000043248-00	1	Engine - Isuzu- Diesel-HP 37.8 Cylinder 3
42	13070208028	4	BOLT, HEX, 1/2-13 UNC X 1.75 Steel, Mild
43	13073000008	8	NUT, HEX, NYLOCK1/2-13 UNC Steel, Mild
44	13000005694-00	4	ENGINE MOUNT - ISUZU ENGINE KIT
45	13000007226-00	1	Battery Box - Quick Cable 120171-001
46	13070604016	4	SCREW, FLANGED, SELF-TAPPING 1/4-28 UNF X 1 Steel, Mild
47	13000006873-00	1	Kit - Control Box -Diesel
48	13070205016	3	BOLT, HEX, 5/16-18 UNC X 1 Steel, Mild
49	13072500005	3	NUT, HEX 5/16-18 UNC Steel, Mild
50	13000006669-00	1	Diesel - Control Mount - Grey

PARTS LIST

MERIDIAN RELIABELT 20-35 • 20-45 • 20-55

REF #	PART #	QUANTITY	DESCRIPTION
51	13000006601-00	1	Mount - Diesel Motor - Grey
52	13000006223-00	2	Clamp - 10" Tube - Grey
53	13072900008	8	NUT, HEX, NYLOCK1/2-13 UNC Steel, Mild
54	13000006871-00	1	Rubber - Side Covers RH - Diesel
55	13000006870-00	1	Rubber - Side Cover LH - Diesel
56	13000006960-00	1	Tank - Fuel 22 Gallon
57	13000006884-00	1	Mount - Tank Diesel - Grey
58	13070208044	4	BOLT, HEX, 1/2-13 UNC X 2.75 Steel, Mild
59	13000006954-00	1	Fuel Line Diesel - 2
60	13000006953-00	1	Fuel Line Diesel - 1

ELECTRIC MOTOR ASSEMBLY



PARTS LIST

MERIDIAN RELIABELT 20-35 • 20-45 • 20-55

REF #	PART #	QUANTITY	DESCRIPTION
1	13000006719-00	1	Mount - Motor Electric - Grey
2	13070208036	8	BOLT, HEX, 1/2-13 UNC X 2.25 Steel, Mild
3	13073600008	8	WASHER, FLAT 1/2
4	13000005566-00	2	Tube Clamp - Grey
5	13072900008	8	NUT, HEX, NYLOCK1/2-13 UNC Steel, Mild
6	13070206024	2	BOLT, HEX, 3/8-16 UNC X 1.5 Steel, Mild
7	13073000006	4	NUT, HEX, NYLOCK3/8-16 UNC Steel, Mild
8	13000006713-00	1	Bracket - Electric Motor Mount
9	13000007501-00	1	Sheave - 2B45SDS
10	13000007504-00	1	Bushing SH 1-5/8 Bore QD
11	13070204036	2	BOLT, HEX, 1/4-20 UNC X 2.25 Steel, Mild
12	13073000004	4	NUT, HEX, NYLOCK1/4-20 UNC Steel, Mild
13	13070204020	2	BOLT, HEX, 1/4-20 UNC X 1.25 Steel, Mild
14	13000005567-00	2	Belt Shield Brace 90
15	18377	1	15 HP 220v/460V 3ph
16	13070208028	4	BOLT, HEX, 1/2-13 UNC X 1.75 Steel, Mild
17	13073000008	4	NUT, HEX, NYLOCK1/2-13 UNC Steel, Mild
18	13000007165-00	1	Cover - Rubber - LH
19	13000006247-00	1	Assembly - Tensioner
20	13000007166-00	1	Cover - Rubber - RH
21	13070206036	2	BOLT, HEX, 3/8-16 UNC X 2.25 Steel, Mild
22	13000005906-00	1	V-Belt - 2B105 Banded
23	13000005528-00	1	Belt Sheave OD 20.35 2B200 SF
24	13000005529-00	1	Bushing SFX 1 1/2 QD
25	13000005173-00	1	Key - 3/8 x 3/8 x 1.5
26	13000006060-00	1	Belt Shield Brace 45
27	13072500004	2	NUT, HEX 1/4-20 UNC Steel, Mild
28	13070204016	2	BOLT, HEX, 1/4-20 UNC X 1 Steel, Mild
29	13000005802-00	3	Handwheel - Plastic 3/8
30	13000006059-00	1	Cover - Electric Clutch - Grey

LIMITED WARRANTY STATEMENT

1. Meridian Manufacturing Inc warrants each new Meridian Manufacturing Inc product (the "Goods") to be free from defects in material and workmanship under normal use and service for a period of one (1) year or ninety (90) days in the case of commercial use, from the shipment date from the Meridian dealer (FCA).
2. Meridian warrants replacement parts and components either manufactured or sold by, will be free from defects in materials or workmanship under normal use and service for thirty (30) days from the shipment date from the Meridian dealer (FCA), or the remainder of the original warranty period on the Goods, whichever is longer.
3. This warranty does not apply to:
 - a) to any merchandise or components thereof, which in the sole and unfettered opinion of Meridian, have been subject to misuse, unauthorized modifications, alteration, accident, negligence, product abuse or lack of required maintenance.
 - b) if repairs have been made with parts or by persons other than those parts or persons approved by Meridian.
 - c) to parts and accessories not manufactured by Meridian including, but not limited to, engines, batteries, tires, belts, PTO shafts or other trade accessories. Such parts shall be covered by the warranty given by the actual manufacturer, if any.
 - d) to failure of parts; or failure of parts to perform due to wear under normal or excessive service conditions; or to failure due to use by the Purchaser for purposes other than originally intended at time of manufacture, including without limitation using the Goods for mixing fertilizer, canola, etc.; or used in excess of the built specifications.
 - e) to Goods used in areas exposed to corrosive or aggressive conditions including, but not limited to, salt water from either inside or outside the Goods.
 - f) to failures or defects arising out of damage during shipment or during storage.
 - g) to materials replaced or repaired under this warranty, except to the extent of the remainder of the applicable warranty.
4. The obligation of Meridian under this warranty shall not arise unless Meridian is notified and this warranty is presented together with a written statement specifying the claim or defect within thirty (30) days after the failure is first detected or made known to the Purchaser and within: (i) one (1) year, or ninety (90) days in the case of commercial use; or (ii) thirty (30) days in the case of replacement parts and components manufactured by Meridian; from the shipment date from the Meridian dealer (FCA). Meridian in its sole and unfettered discretion shall determine if the claim is valid and whether correction of the defect or failure shall be made by repair or replacement of the materials.
5. Title to any replaced materials Meridian wishes to have pass to it, shall pass to Meridian.
6. The obligation of Meridian hereunder extends only to the original Purchaser or Buyer to whom the Goods were initially sold. This warranty shall not be subject to any assignment or transfer without the written consent of Meridian.
7. The purchaser acknowledges that it has made its own independent decision to approve the use of the Goods and also the specific fabrication and construction procedures utilized to complete the Goods, and has satisfied itself as to the suitability of these products for its use.

WARRANTY

8. This warranty is subject to the following limitations, provisions and conditions:
 - a) Meridian shall have no liability hereunder for any claims, including field re-work.
 - b) Meridian shall not be liable for any incidental loss or damage, however caused, including, without limitation, normal wear and tear.
 - c) Meridian makes no express or implied warranties of any nature whatsoever except for such express warranties as set out herein. The warranty provided herein is in lieu of and excludes all other warranties, guarantees or conditions pertaining to the Goods, written or oral, statutory, express or implied, (except the warranty as to title) including any warranty as to the merchantability or fitness for any particular purpose. Meridian expressly disclaims all other representations, conditions or warranties, expressed or implied, statutory or otherwise and any representations, warranties or conditions that may arise from a course of dealing or usage of trade. The warranty provided herein shall constitute Meridian's sole obligation and liability and the Purchaser's sole remedy for breach of warranty. No other warranty has been made by any employee, agent, or representative of Meridian and any statements contained in any other printed material of Meridian is expressly excluded herefrom. Meridian shall not be responsible for any warranty offered by the Purchaser to its customers with respect to the Goods and the Purchaser shall indemnify Meridian with respect to same if any of those customers makes a claim against Meridian relating to any such warranty.
 - d) Subject to Meridian's obligations contained in paragraphs 1 and 2 herein, none of Meridian, its officers, directors, servants or agents shall be liable, or responsible for any loss or damage (including strict liability and liability for loss or damage due to items which the manufacturing processes are designed to identify) whether such loss or damage is caused by negligence in any manner whatsoever (including gross negligence, error, misrepresentation, misstatement, imprudence, lack of skill or lack of judgement).
9. The sole financial obligation of Meridian under this warranty shall be limited to the repair or replacement of the Goods as originally supplied and in no event shall they exceed the original cost of the Goods supplied.
10. Meridian shall not have any obligation under any warranty herein until all accounts have been paid in full by the Purchaser.
11. The construction and interpretation of this Warranty shall be governed by the laws of the Province of Saskatchewan.

Warranty Claim Procedure

1. Purchaser must register the Goods with Meridian.
2. Purchaser must contact the dealer where the unit was purchased from upon discovery of any defects.
3. A completed warranty claim form must be submitted by the dealer to Meridian's warranty representative for review and any subsequent course of action.
4. Warranty repair work will only be performed by Meridian or an approved representative of Meridian. No warranty work completed prior to approval by Meridian will be honored. Failure to follow procedure may affect any or all of this warranty.
5. Claims will be adjudicated at the sole discretion of Meridian and in accordance with the terms and conditions of the limited warranty.

MERIDIAN MANUFACTURING INC.

With over 65 years of experience,
Meridian is your storage and handling expert.



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