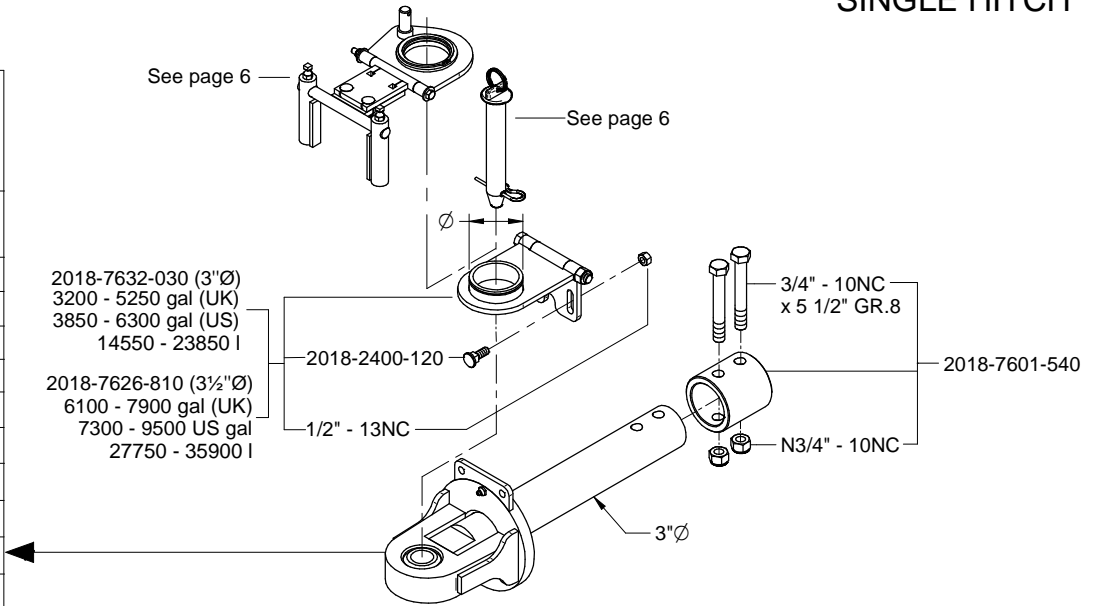


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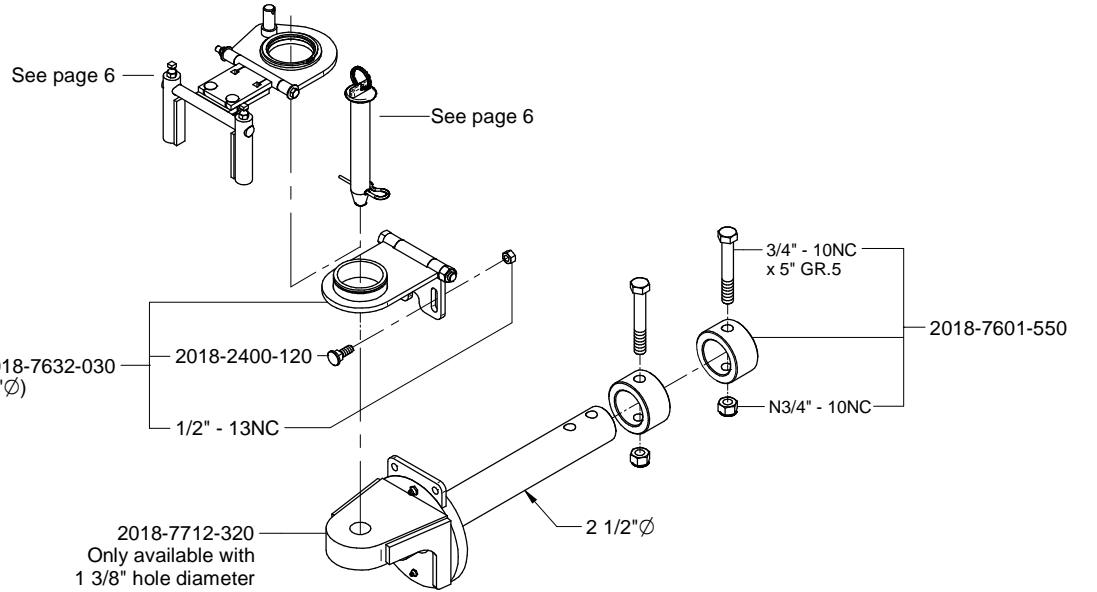
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Hardware Identification	
Type	Designation
Hexagonal bolt	-
Carriage bolt	CB
Square head bolt	SB
Socket head cap screw	SCS
Socket head set screw	SSS
Flat head cap screw	FCS
Hexagon nut	-
Hexagon nylon lock nut	N
Hexagon oval lock nut	OVL
Hexagon tri-lock nut	TRI
Castle nut	CSL
Flange nut	FLN
Wing nut	WNG
Flat washer	-
Lock washer	L
SAE washer	SAE
Large ext. dia. washer	LD
Small ext. dia. washer	SD
Stainless steel bolts parts	SS

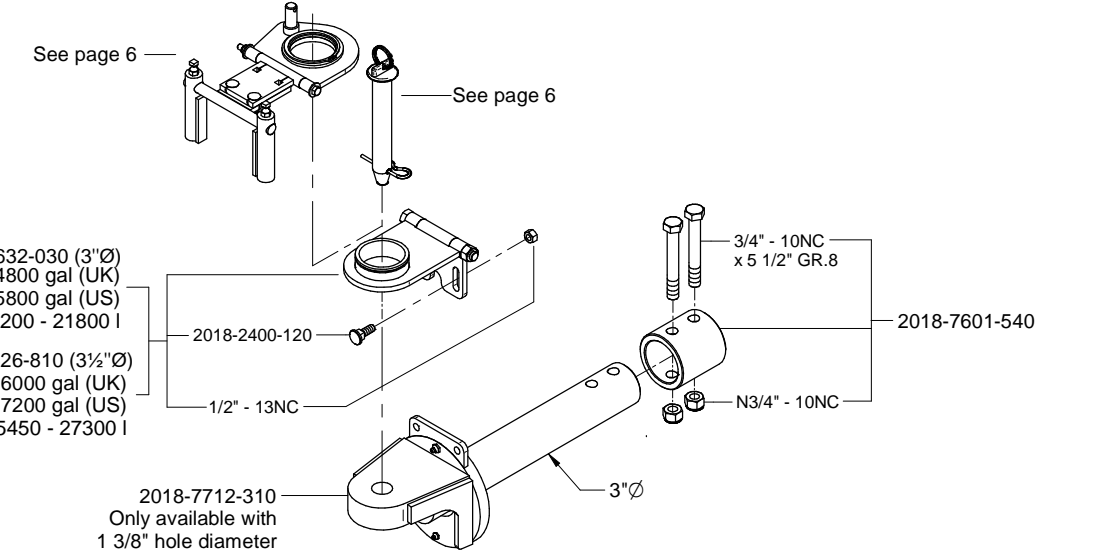
<b>EL48</b> <b>3200 - 7900 gal (UK)</b> <b>3850 - 9500 gal (US)</b> <b>14550 - 35900 l</b> <b>(according to hole diameter)</b>	
 Top View	Part #
1 1/4"	2018-7704-390
1 5/16"	2018-7704-400
1 3/8"	2018-7704-410
1 1/2"	2018-7704-420
1 5/8"	2018-7704-430
1 3/4"	2018-7704-440
1 7/8"	2018-7704-450
2"	2018-7704-460
2 1/8"	2018-7704-470
2 1/4"	2018-7704-480















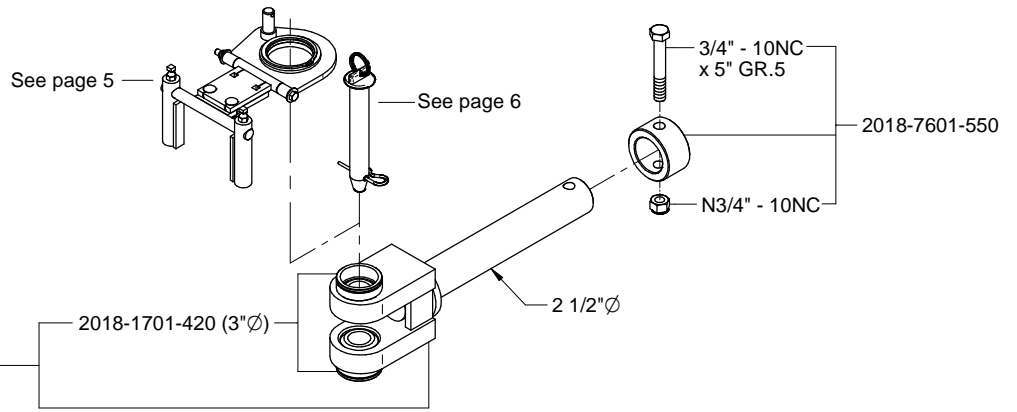
<b>EL48</b> <b>Offset hitch</b> <b>2850 - 3550 gal (UK)</b> <b>3400 - 4250 gal (US)</b> <b>12850 - 16100 l</b>	
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












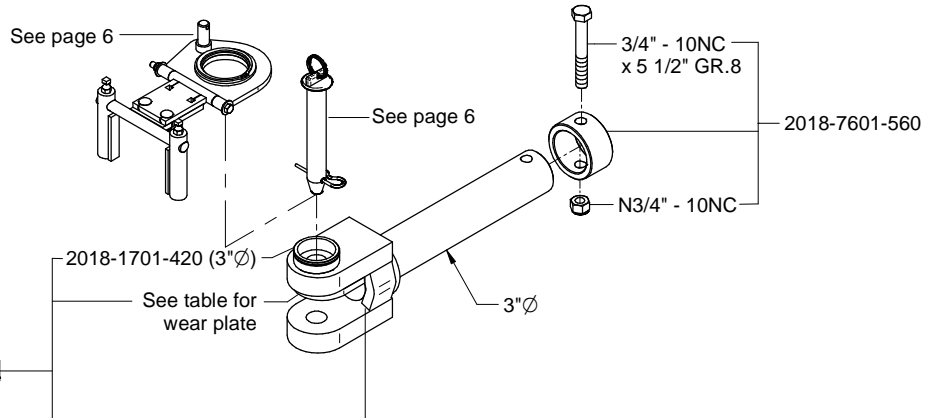
<b>EL48</b> <b>Offset hitch</b> <b>4000 - 6000 gal (UK)</b> <b>4800 - 7200 gal (US)</b> <b>18200 - 27300 l</b>	
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












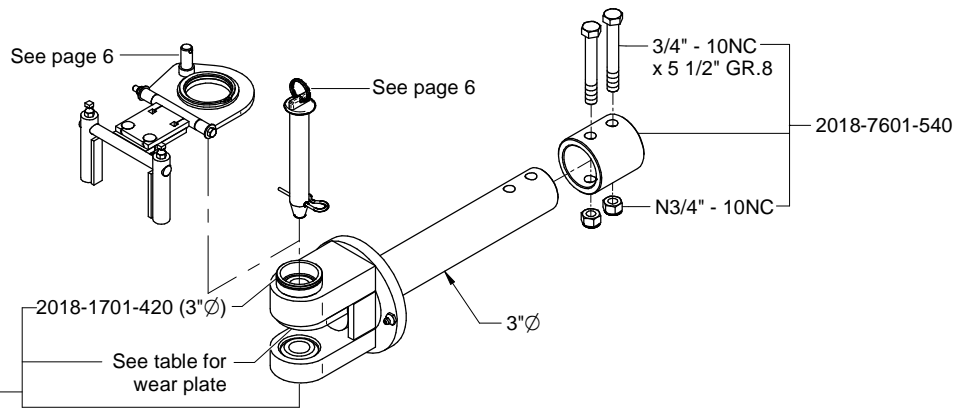
<b>EL48</b> <b>3200 - 3600 gal (UK)</b> <b>3850 - 4300 gal (US)</b> <b>14550 - 16350 l</b> <b>(according to hole diameter)</b>	
Top View 	Part #
	2018-7704-090
	2018-7704-000
	2018-7704-010
	2018-7704-100
	2018-7704-020
	2018-7704-030
	2018-7704-040
	2018-7704-050
	2018-7704-060
	2018-7704-070
	2018-7704-080



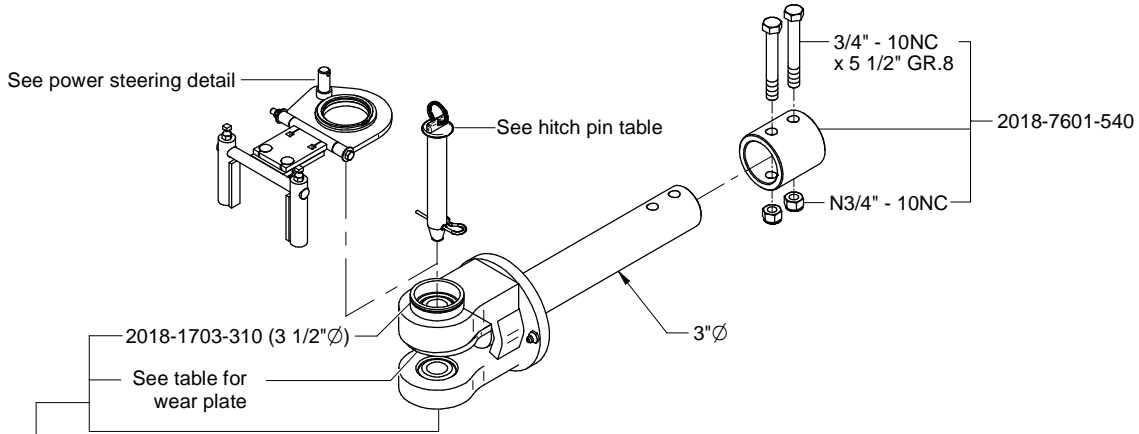
<b>EL48</b> <b>4000 - 4800 gal (UK)</b> <b>4800 - 5800 gal (US)</b> <b>18200 - 21800 l</b> <b>(according to hole diameter)</b>		
Top View 	Part #	Wear Plate 
	2018-7704-110	2018-1541-050 (1 1/2" $\phi$ )
	2018-7704-120	
	2018-7704-200	
	2018-7704-130	2018-1542-890 (1 3/4" $\phi$ )
	2018-7704-140	
	2018-7704-150	
	2018-7704-160	2018-1542-800 (2 3/16" $\phi$ )
	2018-7704-170	
	2018-7704-180	
	2018-7704-190	



<b>EL48</b> <b>5250 gal (UK)</b> <b>6300 gal (US)</b> <b>23850 l</b> <b>(according to hole diameter)</b>		
Top View 	Part #	Wear Plate 
	2018-7704-210	2018-1541-050 (1 1/2" $\phi$ )
	2018-7704-220	
	2018-7704-230	
	2018-7701-390	2018-1542-890 (1 3/4" $\phi$ )
	2018-7704-240	
	2018-7704-250	
	2018-7704-260	2018-1542-800 (2 3/16" $\phi$ )
	2018-7704-270	
	2018-7704-280	
	2018-7704-290	



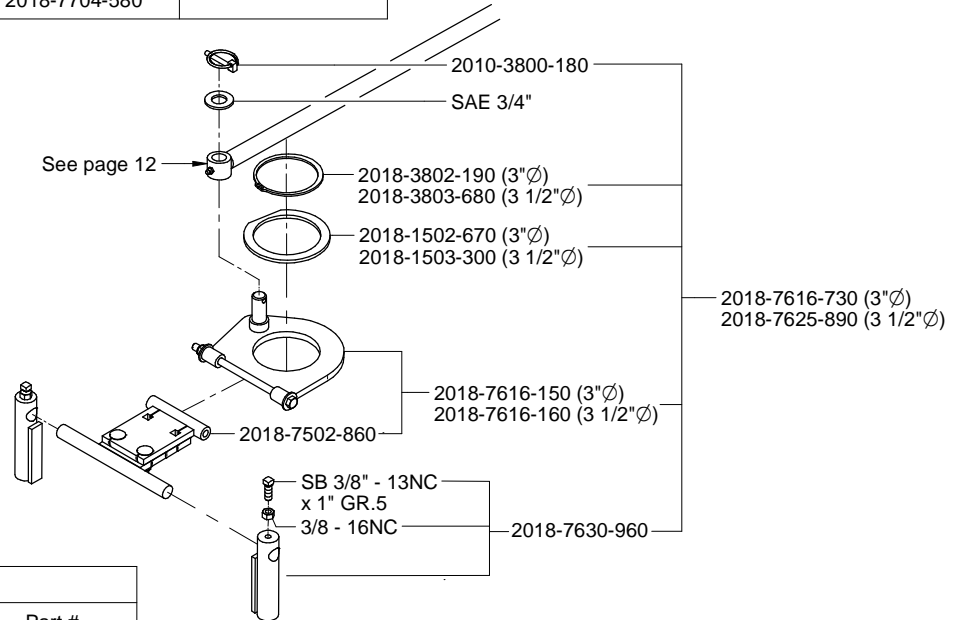
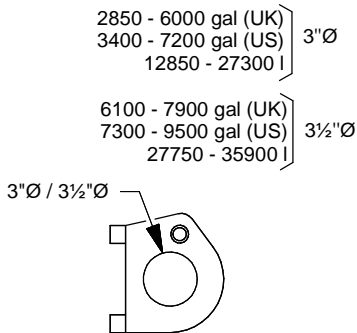
**DOUBLE HITCH AND POWER STEERING GUIDE**



**EL48**  
**6100 - 7900 gal (UK)**  
**7300 - 9500 gal (US)**  
**27750 - 35900 l**  
**(according to hole diameter)**

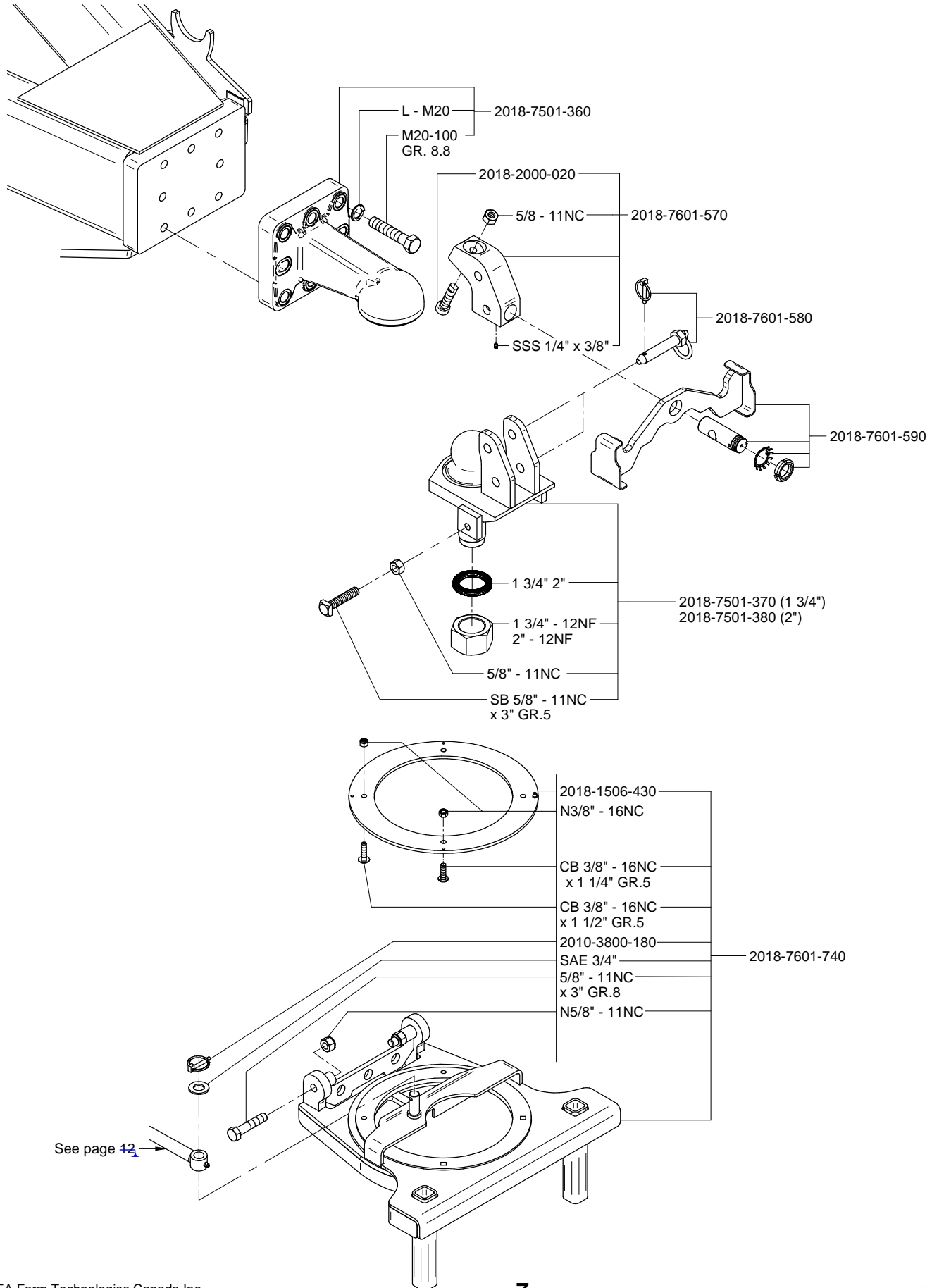
Top View 	Part # (2 1/2" opening)	Part # (3" opening)	Wear plate 
1 1/4"	2018-7704-300	2018-7704-490	2018-1541-650 (1 1/2" Ø)
1 5/16"	2018-7704-310	2018-7704-500	
1 3/8"	2018-7704-320	2018-7704-510	
1 1/2"	2018-7715-150	2018-7704-520	
1 5/8"	2018-7704-330	2018-7704-530	2018-1542-490 (1 3/4" Ø)
1 3/4"	2018-7704-340	2018-7704-540	
1 7/8"	2018-7704-350	2018-7704-550	2018-1542-500 (2 1/4" Ø)
2"	2018-7704-360	2018-7704-560	
2 1/8"	2018-7704-370	2018-7704-570	
2 1/4"	2018-7704-380	2018-7704-580	

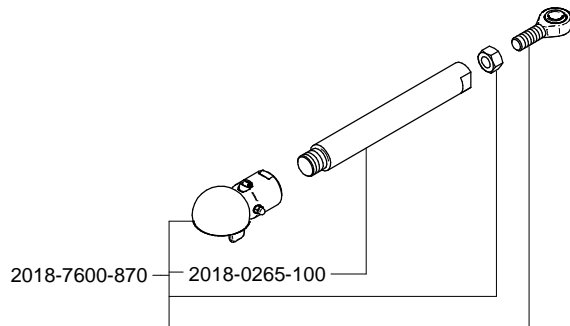
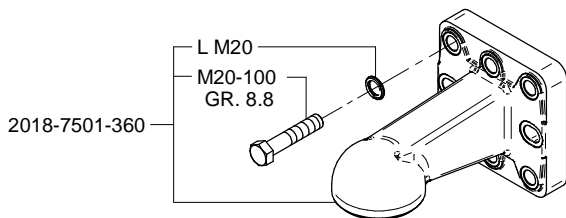
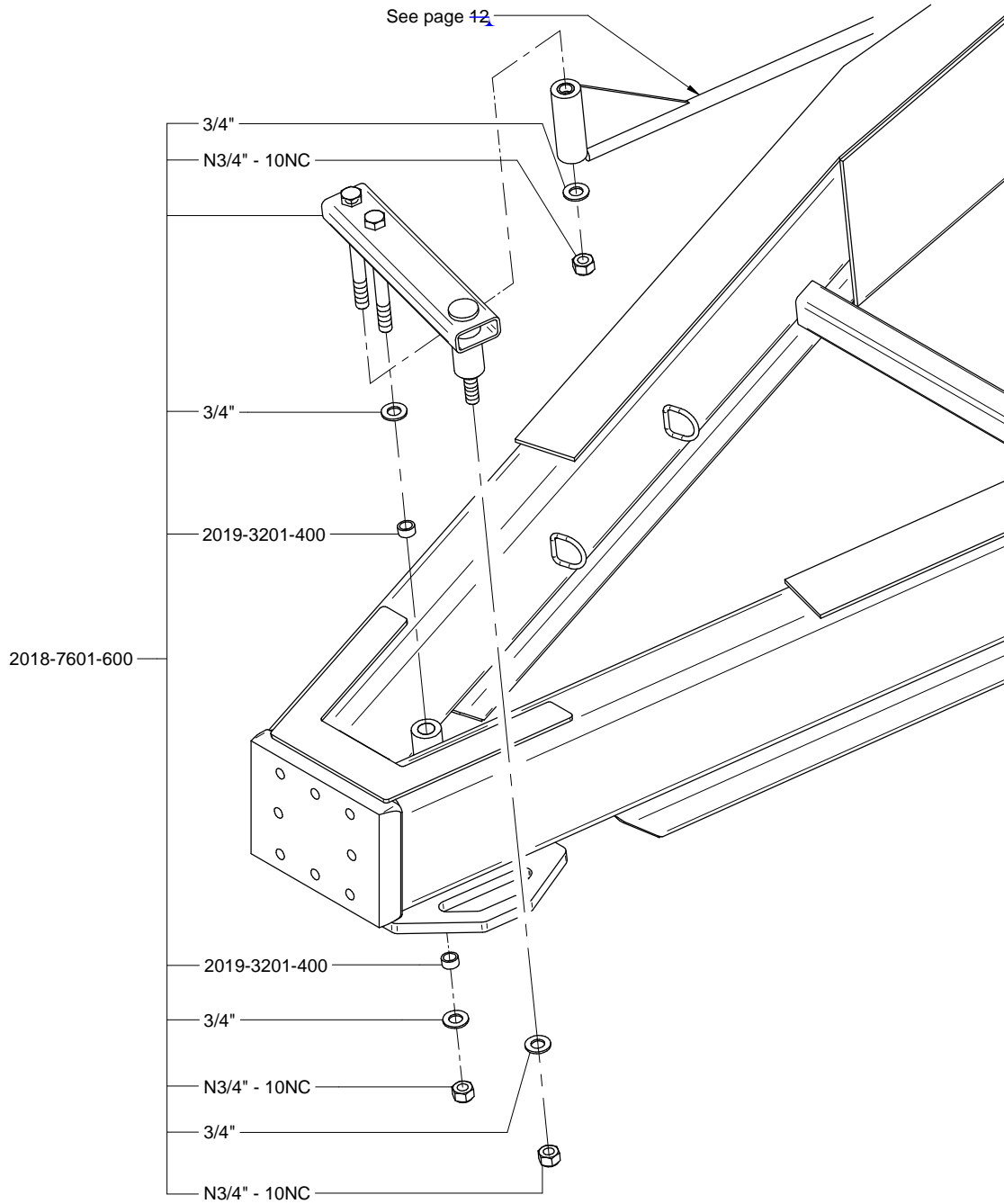
**POWER STEERING**



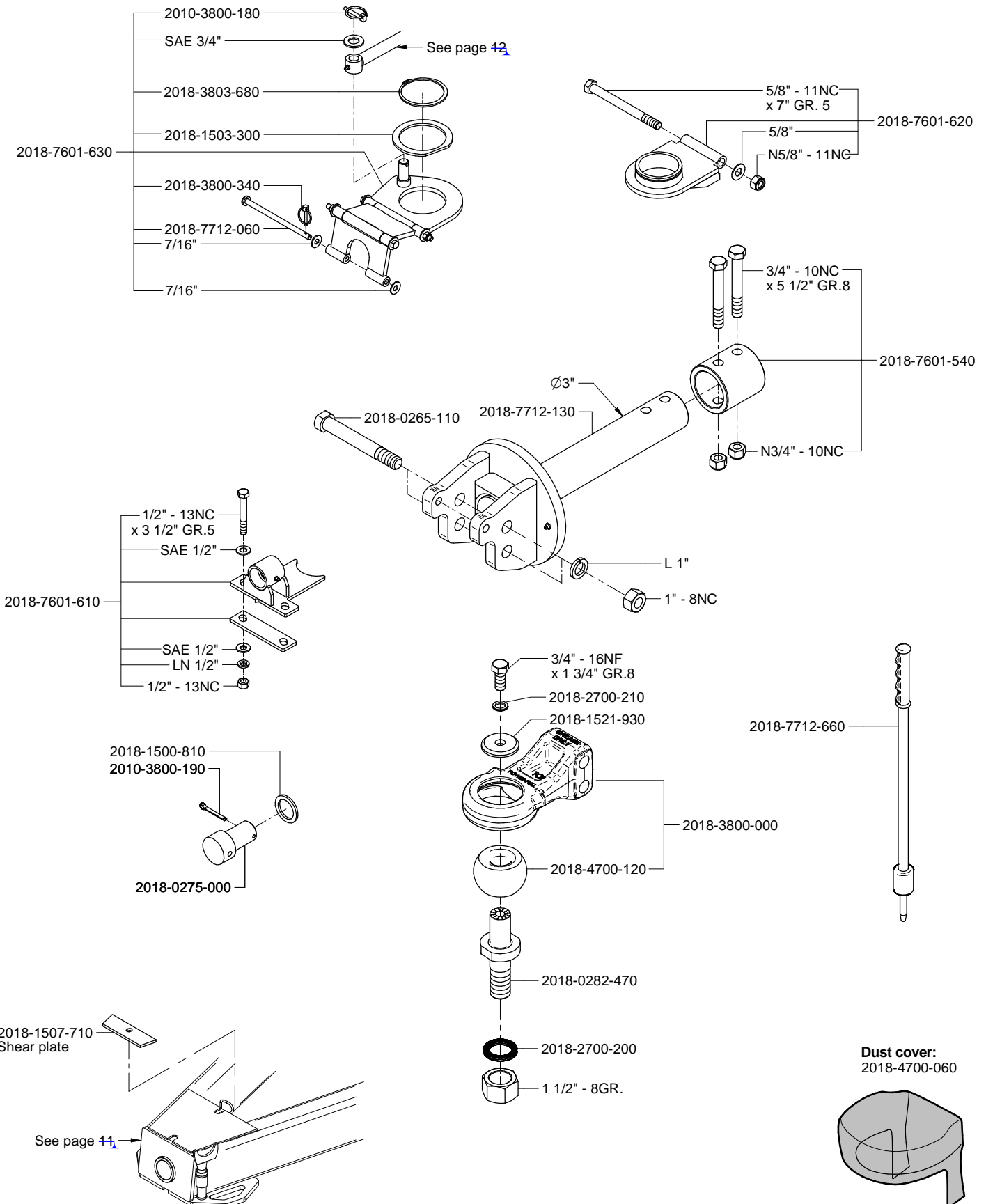
<b>Pin Identification</b>			
	Pin diameter	Hole diameter	Part #
	Ø 1"	Ø 1 1/8"	2018-3802-420
	Ø 1 1/4"	Ø 1 3/8"	2018-3802-430
	Ø 1 3/8"	Ø 1 1/2"	2018-3802-440
	Ø 1 1/2"	Ø 1 5/8"	2018-3802-460

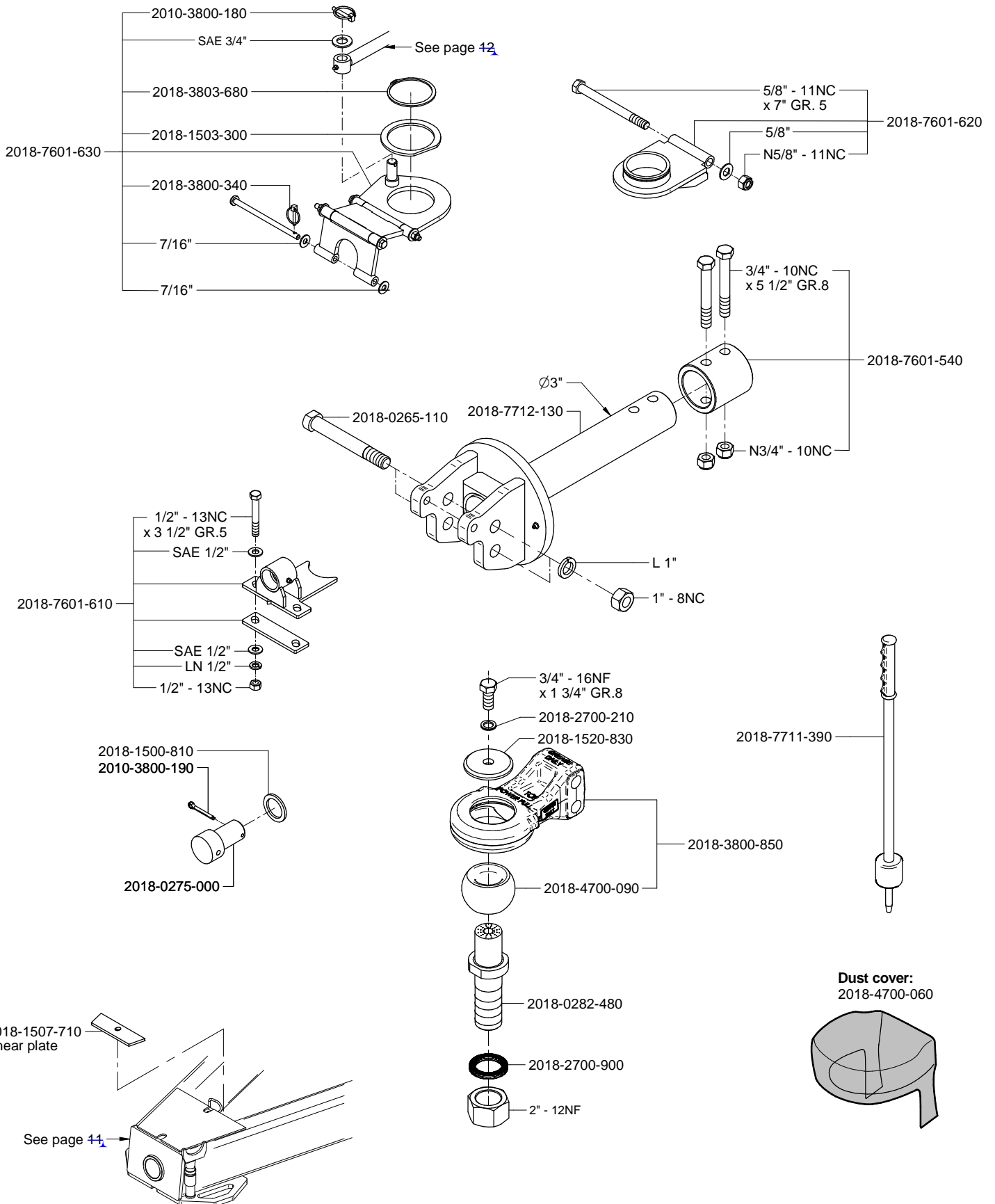
For other hole diameter, the pin must be provided by the customer

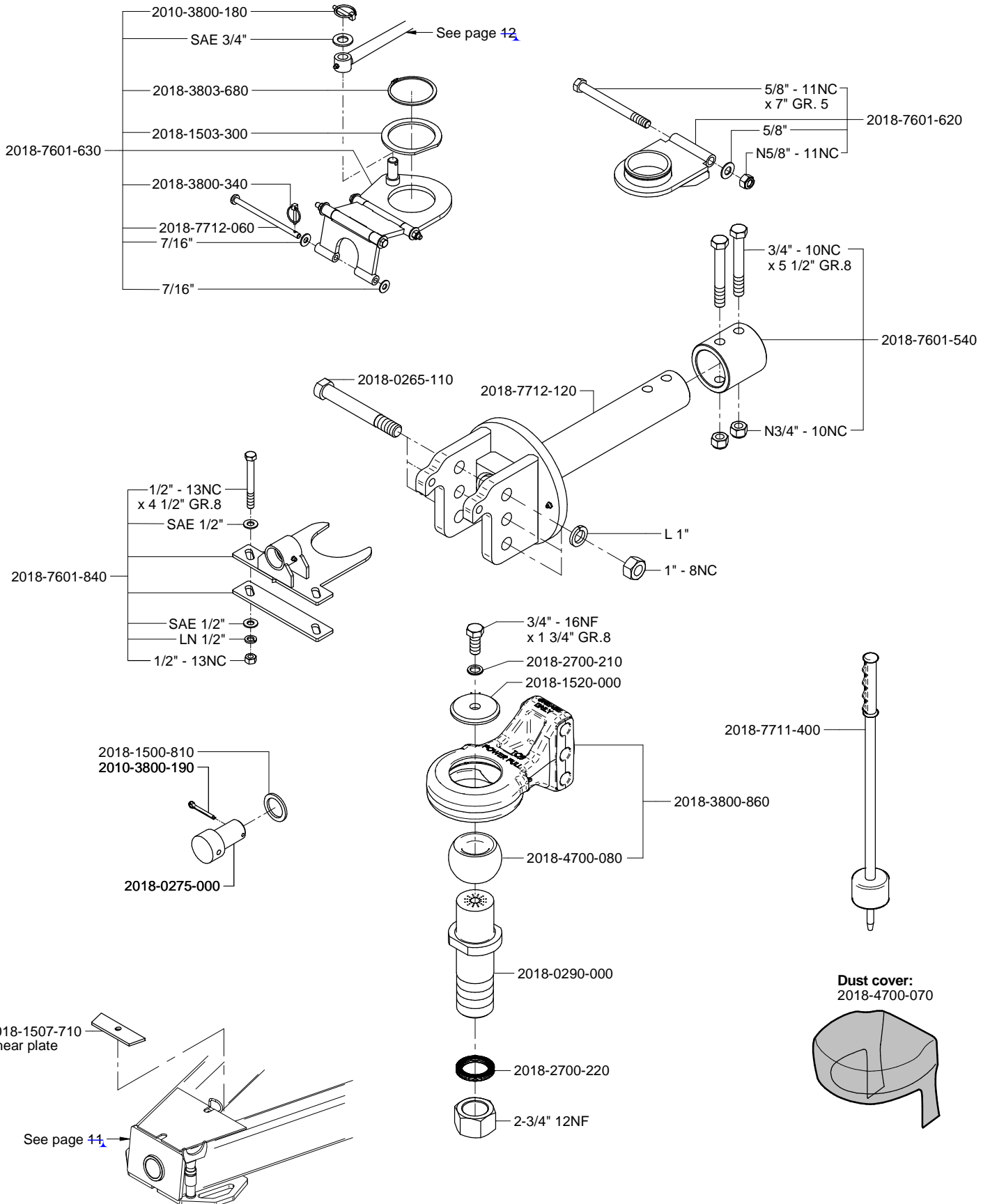


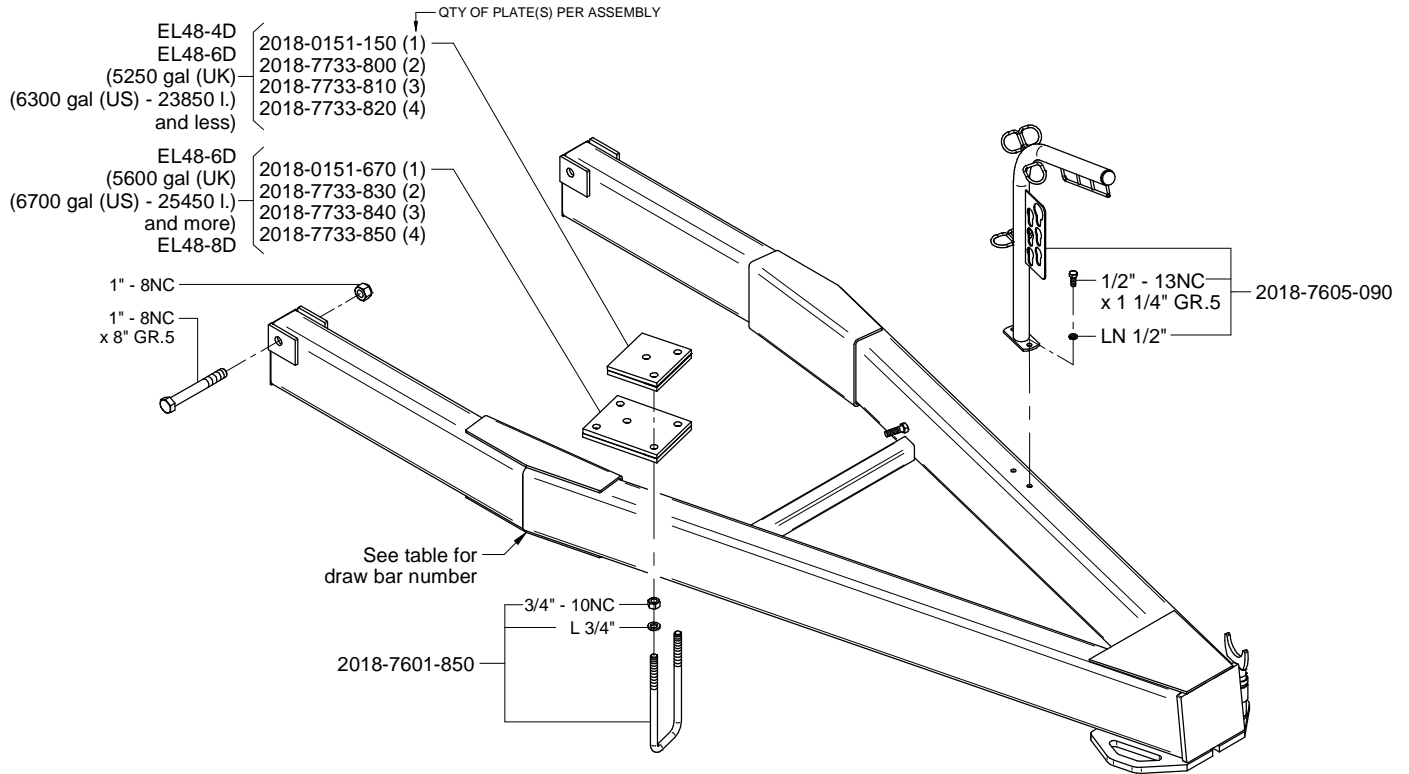












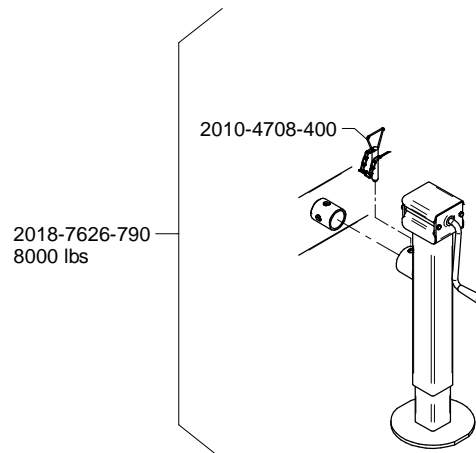
**NOTE:** All draw bars listed below are standard without options. For draw bar replacement requiring an option, order a standard draw bar and add the desired option(s):  
 2018-8048-520; Additional 500 lbs on draw bar.  
 2018-8000-500; Trusses under draw bar (500 lbs not included)

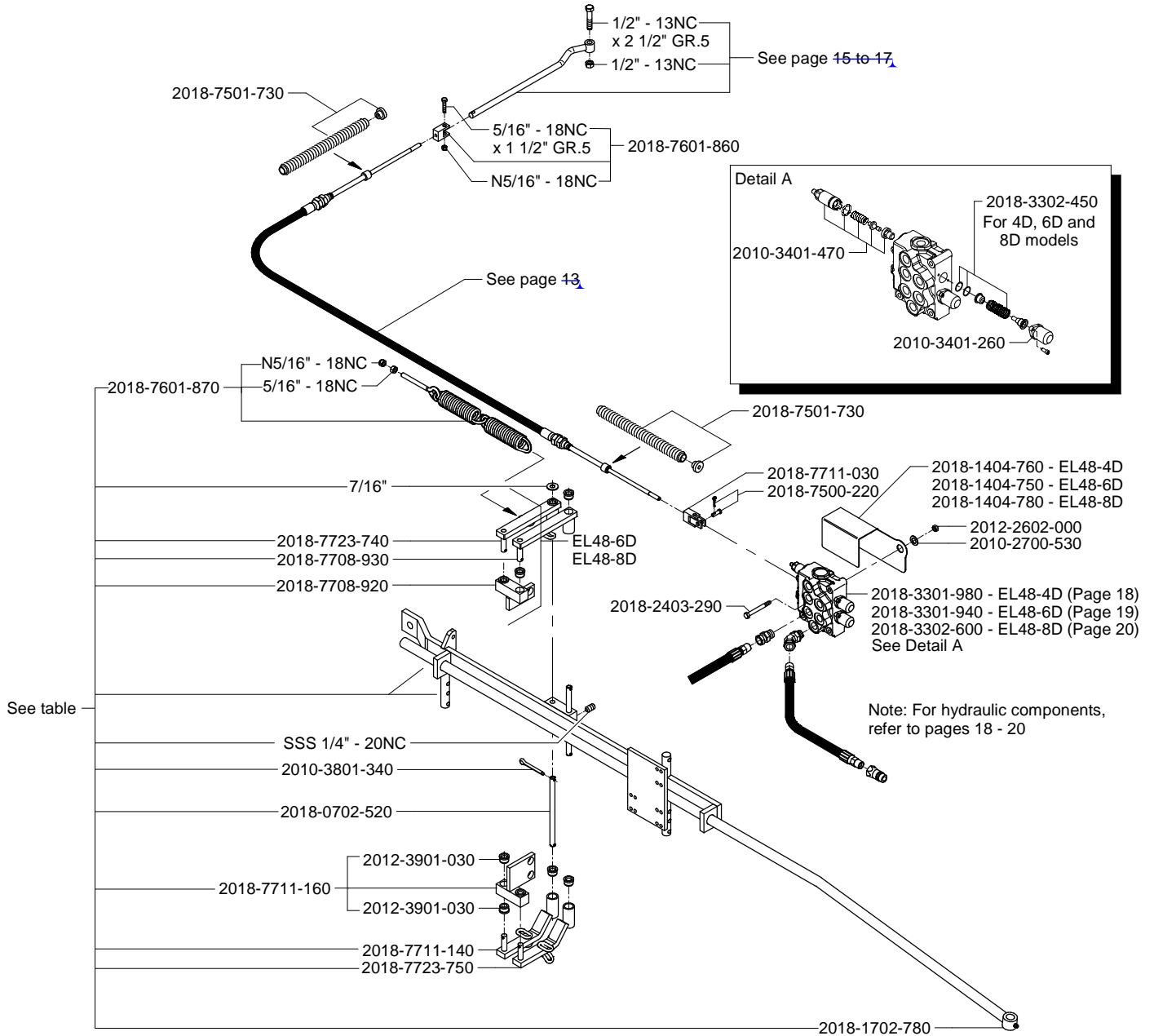
2018-1700-830 (2 1/2") 2018-1702-350 (3")		<p><b>EL48 Single &amp; double hitch draw bar</b></p>
2850 - 3600 gal (UK) 3400 - 4300 gal (US) 12850 - 16350 l	2018-7627-520	
4000 - 4800 gal (UK) 4800 - 5800 gal (US) 18200 - 21800 l	2018-7627-530	
5250 - 8800 gal (UK) 6300 - 10500 gal (US) 23850 40000 l	2018-7627-550	

<p><b>EL 48 Ball hitch draw bar</b></p>	
2850 - 3200 gal (UK) 3400 - 3850 gal (US) 12850 - 14550 l	2018-7709-450
3550 - 4800 gal (UK) 4250 - 5800 gal (US) 16100 - 21800 l	2018-7709-460
5250 - 8800 gal (UK) 6300 - 10500 gal (US) 23850 40000 l	2018-7709-470

<p><b>EL 48 European ball hitch draw bar</b></p>	
2850 - 3200 gal (UK) 3400 - 3850 gal (US) 12850 - 14550 l	2018-7711-330
3550 - 4800 gal (UK) 4250 - 5800 gal (US) 16100 - 21800 l	2018-7711-340
5250 - 8800 gal (UK) 6300 - 10500 gal (US) 23850 40000 l	2018-7711-410

2018-1702-350		<p><b>EL 48 PowerHitch 3, 4 and 5 draw Bar</b></p>
5250 - 8800 gal (UK) 6300 - 10500 gal (US) 23850 40000 l	2018-7744-100	

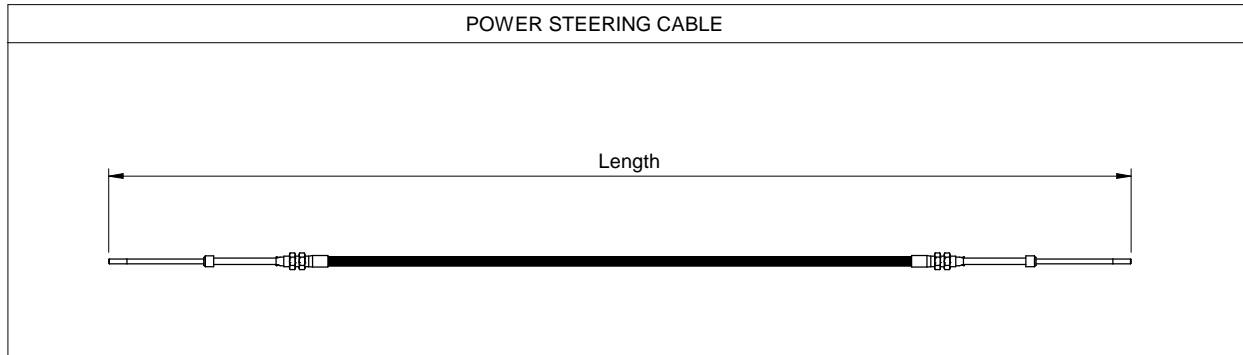




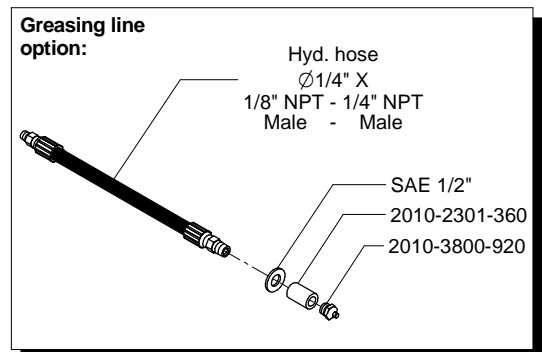
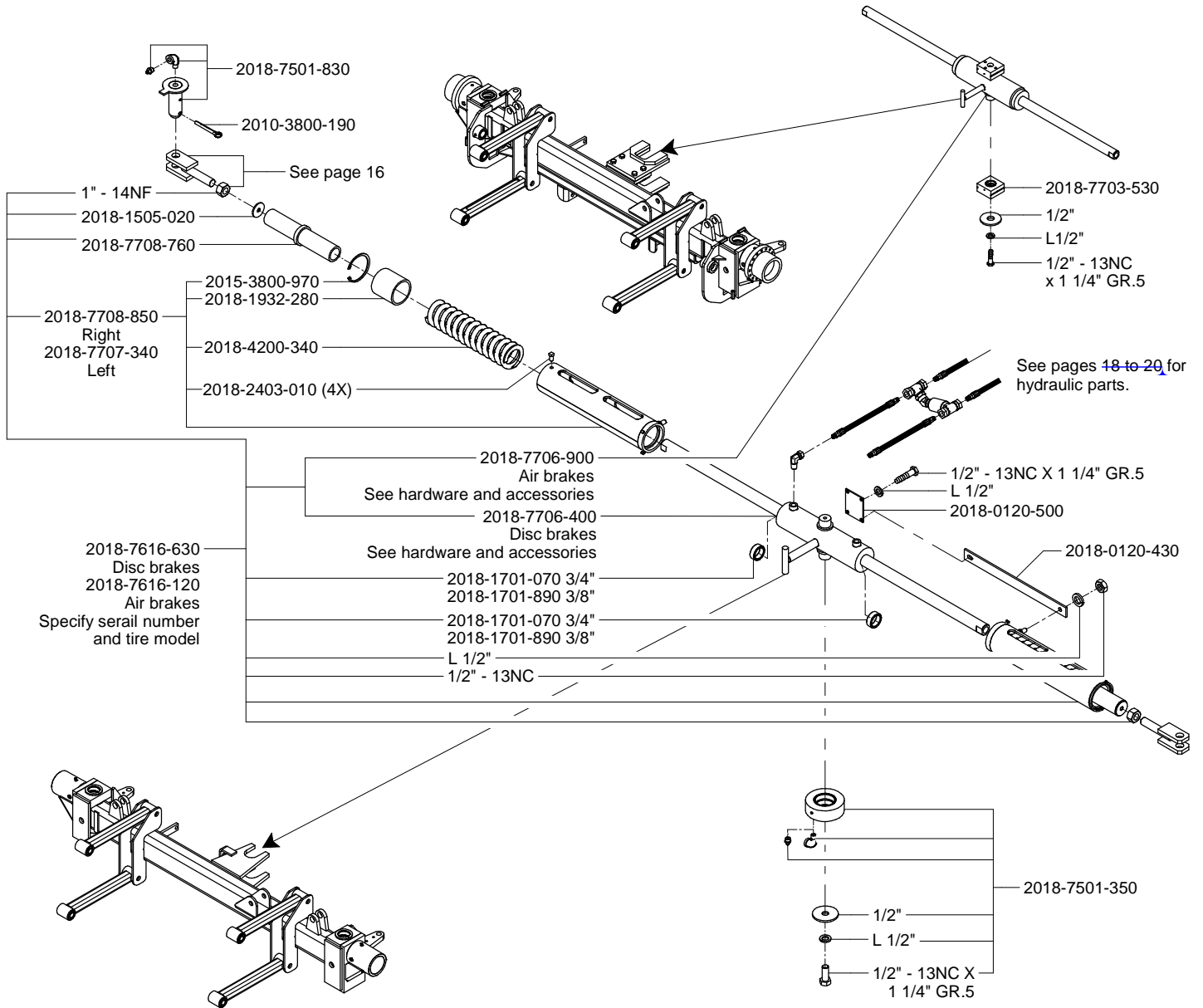
EL48-4D	
Single hitch	2018-7633-540
3200 - 3600 gal (UK) 3850 - 4300 gal (US) 14550 - 16350 l Double hitch	2018-7633-550
4000 - 4350 gal (UK) 4800 - 5250 gal (US) 18200 - 19750 l Double hitch	2018-7614-090
Offset hitch	2018-7633-560
Ball hitch	2018-7600-940
Ball hitch (Euro model)	2018-7601-400
PowerHitch 3 & 4	2018-7643-150
PowerHitch 5	2018-7601-460

EL48-6D	
Single hitch	2018-7633-570
3600 gal (UK) 4300 gal (US) 16350 l Double hitch	2018-7633-580
4000 - 6100 gal (UK) 4800 - 7300 gal (US) 18200 - 27750 l Double hitch	2018-7616-690
Offset hitch	2018-7633-590
Ball hitch	2018-7601-410
Ball hitch (Euro model)	2018-7601-430
PowerHitch 3 & 4	2018-7643-160
PowerHitch 5	2018-7601-470

EL48-8D	
Single hitch	2018-7633-600
Double hitch	2018-7617-420
Ball hitch	2018-7601-440
Ball hitch (Euro model)	2018-7601-450
PowerHitch 3 & 4	2018-7643-170
PowerHitch 5	2018-7601-480

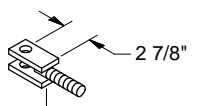
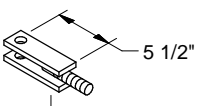
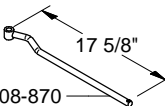
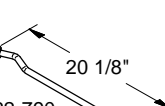
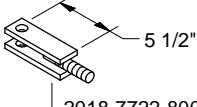
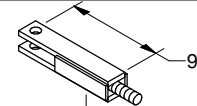



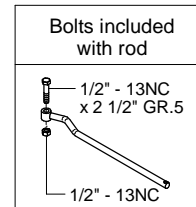
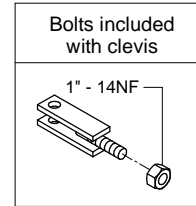
Length	Part #	Length	Part #
128"	2018-3710-000	266"	2018-3710-330
130"	2018-3710-010	270"	2018-3710-340
134"	2018-3710-590	274"	2018-3710-570
138"	2018-3710-020	278"	2018-3710-350
142"	2018-3710-030	282"	2018-3710-360
146"	2018-3710-040	286"	2018-3710-640
150"	2018-3710-050	290"	2018-3710-370
154"	2018-3710-060	294"	2018-3710-380
158"	2018-3710-070	296"	2018-3710-390
162"	2018-3710-080	297"	2018-3710-400
165"	2018-3710-090	300"	2018-3710-410
166"	2018-3710-100	302"	2018-3710-420
170"	2018-3710-600	306"	2018-3710-650
174"	2018-3710-110	309"	2018-3710-430
175"	2018-3710-120	310"	2018-3710-440
178"	2018-3710-130	314"	2018-3710-450
182"	2018-3710-140	318"	2018-3710-460
186"	2018-3710-150	322"	2018-3710-660
190"	2018-3710-160	326"	2018-3710-470
194"	2018-3710-170	330"	2018-3710-670
198"	2018-3710-610	334"	2018-3710-480
202"	2018-3710-550	338"	2018-3710-490
206"	2018-3710-620	342"	2018-3710-680
215"	2018-3710-180	346"	2018-3710-500
218"	2018-3710-190	350"	2018-3710-720
220"	2018-3710-200	370"	2018-3710-510
222"	2018-3710-210	375"	2018-3710-520
225"	2018-3710-220	376"	2018-3710-580
230"	2018-3710-230	382"	2018-3710-530
232"	2018-3710-240	386"	2018-3710-700
234"	2018-3710-250	388"	2018-3710-750
238"	2018-3710-260	394"	2018-3710-540
244"	2018-3710-270	398"	2018-3710-710
246"	2018-3710-280	406"	2018-3710-050
250"	2018-3710-290	410"	2018-3710-040
254"	2018-3710-300	412"	2018-3710-730
256"	2018-3710-310	418"	2018-3710-790
258"	2018-3710-320	422"	2018-3710-030
262"	2018-3710-030		



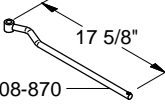
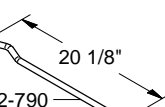
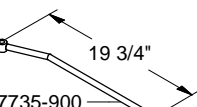
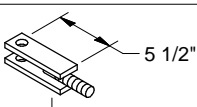
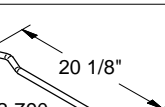
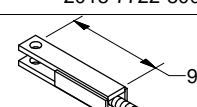
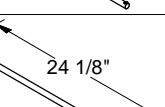



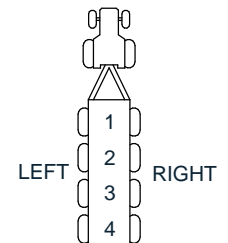
**CLEVIS AND ROD FOR FOR POWER STEERING CABLE (DISC BRAKE) - SINCE AUGUST 2006**

NOTE: Before ordering, always refer to the serial no

<b>EL48-4D / EL48-6D</b>		
Since august 2006 (serial no reference 06-5730)		
Tire	Clevis	Rod for power steering
FIRESTONE 28L x 26 ALLIANCE 28L x 26 GOODYEAR 18.4 x 26 GOODYEAR 23.1 x 26  (Specify Serial No.)	 2 7/8" 2018-7708-910 OR  5 1/2" 2018-7722-800	 17 5/8" 2018-7708-870  OR  20 1/8" 2018-7722-790
	GOODYEAR 28L x 26 GALAXY 725 x 65 x 26	 5 1/2" 2018-7722-800
TIRE 850 GALAXY 850 x 50 x 32 ALLIANCE 850 x 50 x 30.5	 9 1/2" 2018-7730-250	 24 1/8" 2018-7730-260



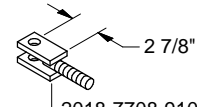
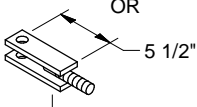
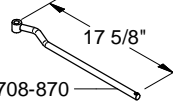
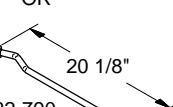
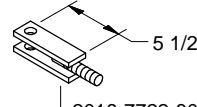
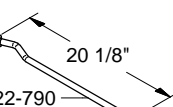
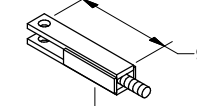
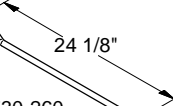
<b>EL48 8D</b>			
Since august 2006 (serial no reference 06-5730)			
Tire	Clevis	Rod for power steering (axle 3 fixed)	
		For axle 1	For axles 2 and 4
FIRESTONE 28L x 26 ALLIANCE 28L x 26 GOODYEAR 18.4 x 26 GOODYEAR 23.1 x 26  (Specify Serial No.)	 2 7/8" 2018-7708-910 OR  5 1/2" 2018-7722-800	 17 5/8" 2018-7708-870  OR  20 1/8" 2018-7722-790	 19 3/4" 2018-7735-900
	GOODYEAR 28L x 26 GALAXY 725 x 65 x 26	 5 1/2" 2018-7722-800	 20 1/8" 2018-7722-790
TIRE 850 GALAXY 850 x 50 x 32 ALLIANCE 850 x 50 x 30.5	 9 1/2" 2018-7730-250	 24 1/8" 2018-7730-260	 23 3/4" 2018-7735-910

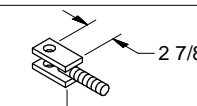
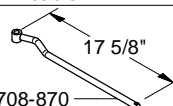


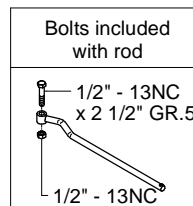
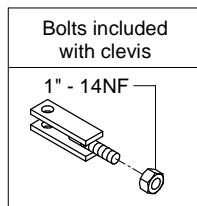


**CLEVIS AND ROD FOR POWER STEERING CABLE  
(DISC BRAKE) - BEFORE AUGUST 2006**

NOTE: Before ordering, always refer to the serial no

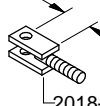
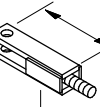
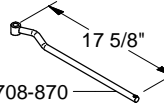
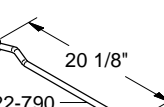
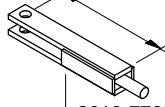
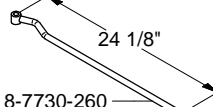
<b>EL48-4D / EL48-6D / EL48-8D</b>		
from june 2002 to august 2006 (serial no reference: 02-3806 à 06-5729)		
Tire	Clevis	Rod for Power Steering cable
FIRESTONE 28L x 26 ALLIANCE 28L x 26 GOODYEAR 18.4 x 26 GOODYEAR 23.1 x 26  (Specify Serial No.)	 2 7/8" 2018-7708-910 OR  5 1/2" 2018-7722-800	 17 5/8" 2018-7708-870 OR  20 1/8" 2018-7722-790
GOODYEAR 28L x 26 GALAXY 725 x 65 x 26	 5 1/2" 2018-7722-800	 20 1/8" 2018-7722-790
TIRE 850 GALAXY 850 x 50 x 32 ALLIANCE 850 x 50 x 30.5	 9 1/2" 2018-7730-250	 24 1/8" 2018-7730-260

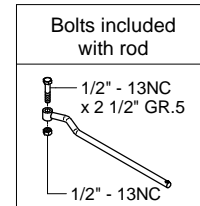
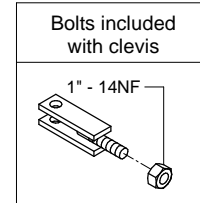
<b>EL48-4D / EL48-6D / EL48-8D</b>		
before june 2002 (serial no reference: 02-3805)		
Tire	Clevis	Rod for Power Steering cable
All Models Before #02-3806	 2 7/8" 2018-7708-910	 17 5/8" 2018-7708-870

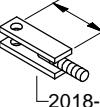
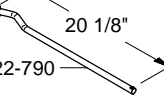
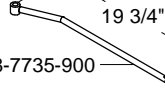
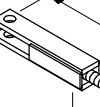
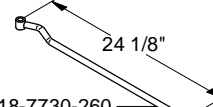
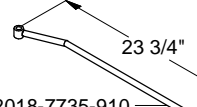


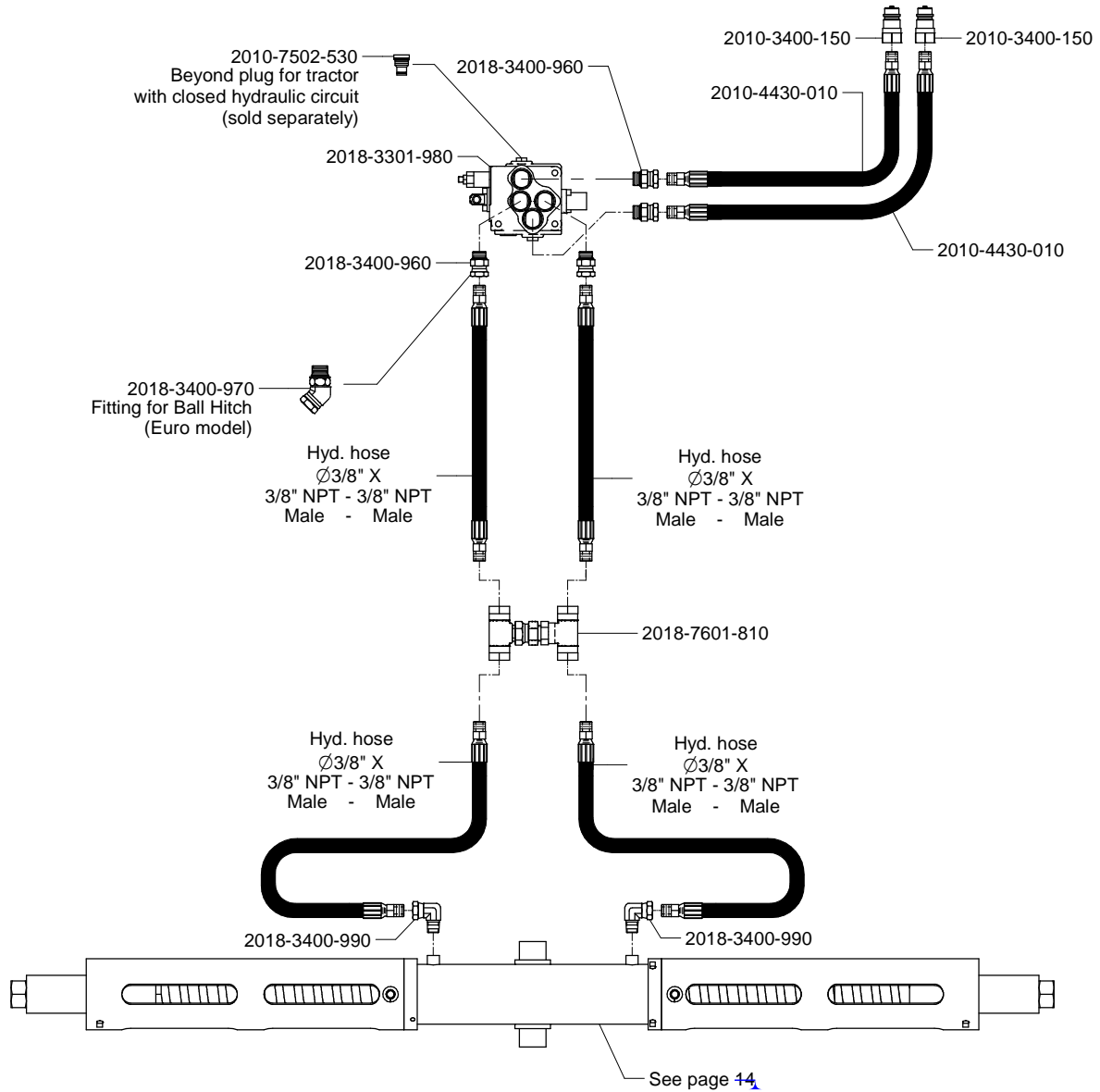
**CLEVIS AND ROD FOR POWER STEERING CABLE  
(AIR BRAKE)**

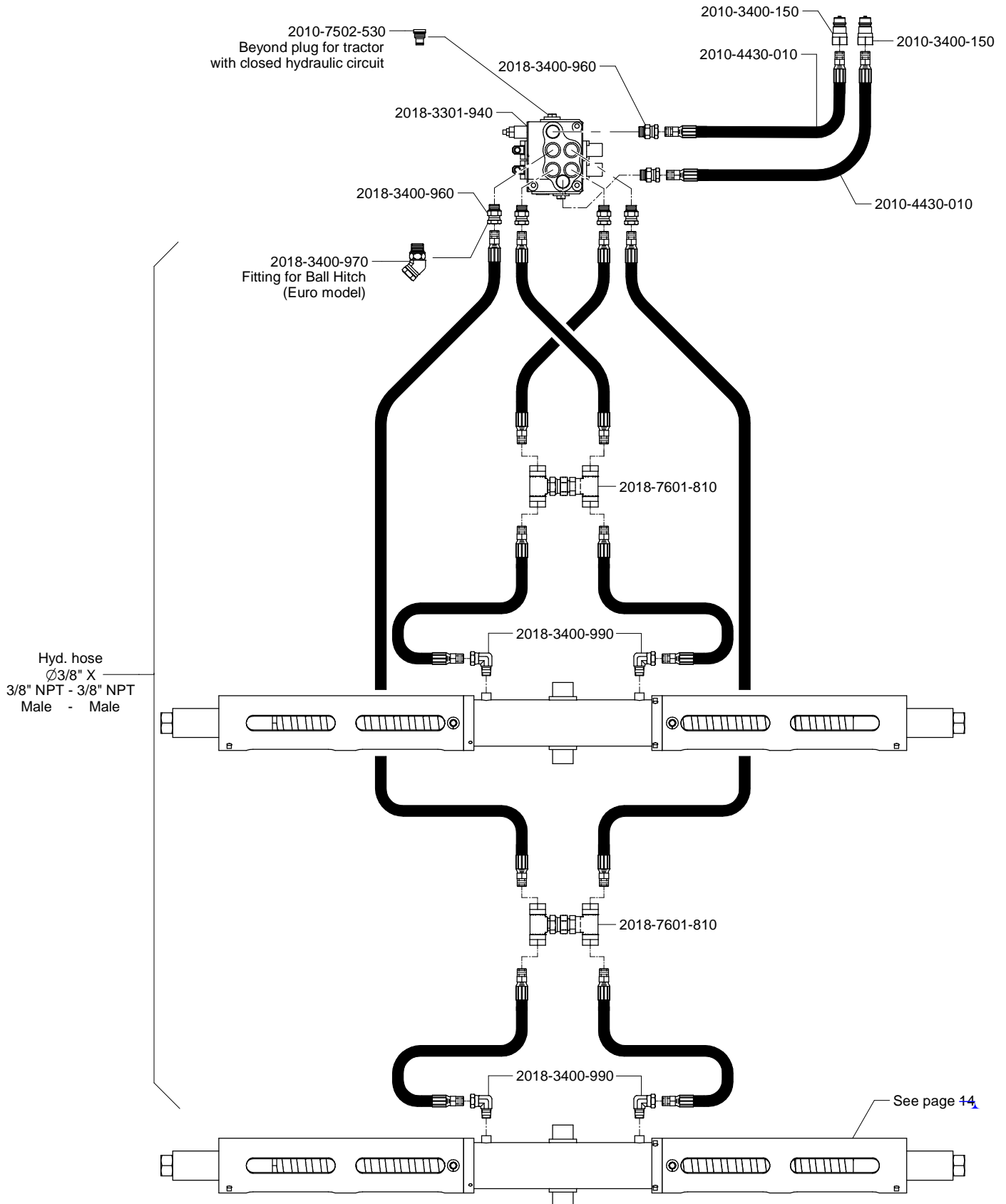
NOTE: Before ordering, always refer to the serial no

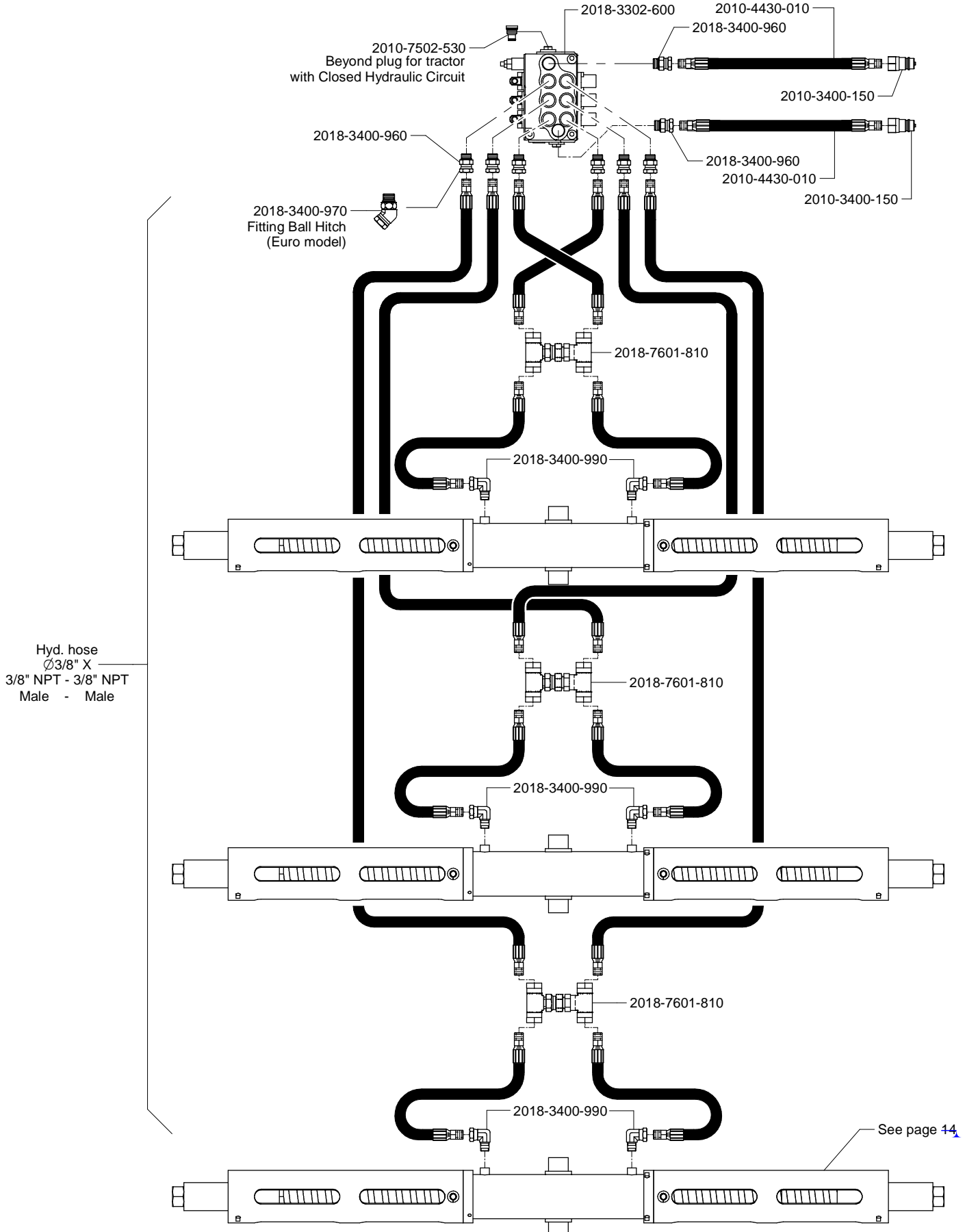
<b>EL48-4D / EL48-6D</b>		
Tire	Clevis	Rod for power steering
FIRESTONE 28L x 26 ALLIANCE 28L x 26 GOODYEAR 18.4 x 26 GOODYEAR 23.1 x 26 GALAXY 725 x 65 x 26  (Specify Serial No.)	 2 7/8" 2018-7708-910  OR  7 1/2" 2018-7703-780	 17 5/8" 2018-7708-870  OR  20 1/8" 2018-7722-790
TIRE 850 GALAXY 850 x 50 x 32 ALLIANCE 850 x 50 x 26	 11 1/2" 2018-7705-740	 24 1/8" 2018-7730-260



<b>EL48-8D</b>			
Tire	Clevis	Rod for power steering (axle 3 fixed)	
		For axle 1	For axles 2 and 4
FIRESTONE 28L x 26 ALLIANCE 28L x 26 GOODYEAR 18.4 x 26 GOODYEAR 23.1 x 26 GALAXY 725 x 65 x 26 (8D) (Specify Serial No.)	 5 1/2" 2018-7722-800	 20 1/8" 2018-7722-790	 19 3/4" 2018-7735-900
TIRE 850 GALAXY 850 x 50 x 30.5 ALLIANCE 850 x 50 x 30.5 8D	 9 1/2" 2018-7730-250	 24 1/8" 2018-7730-260	 23 3/4" 2018-7735-910

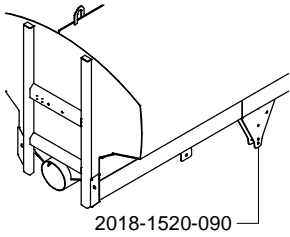




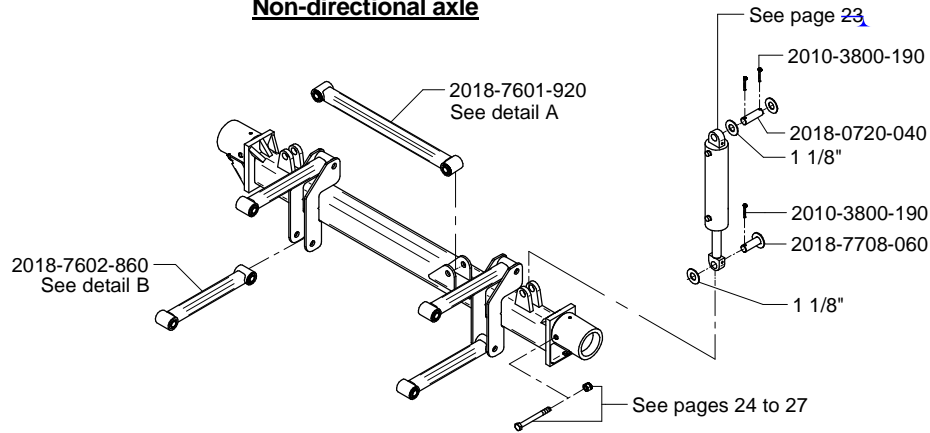


## STANDARD AXLE

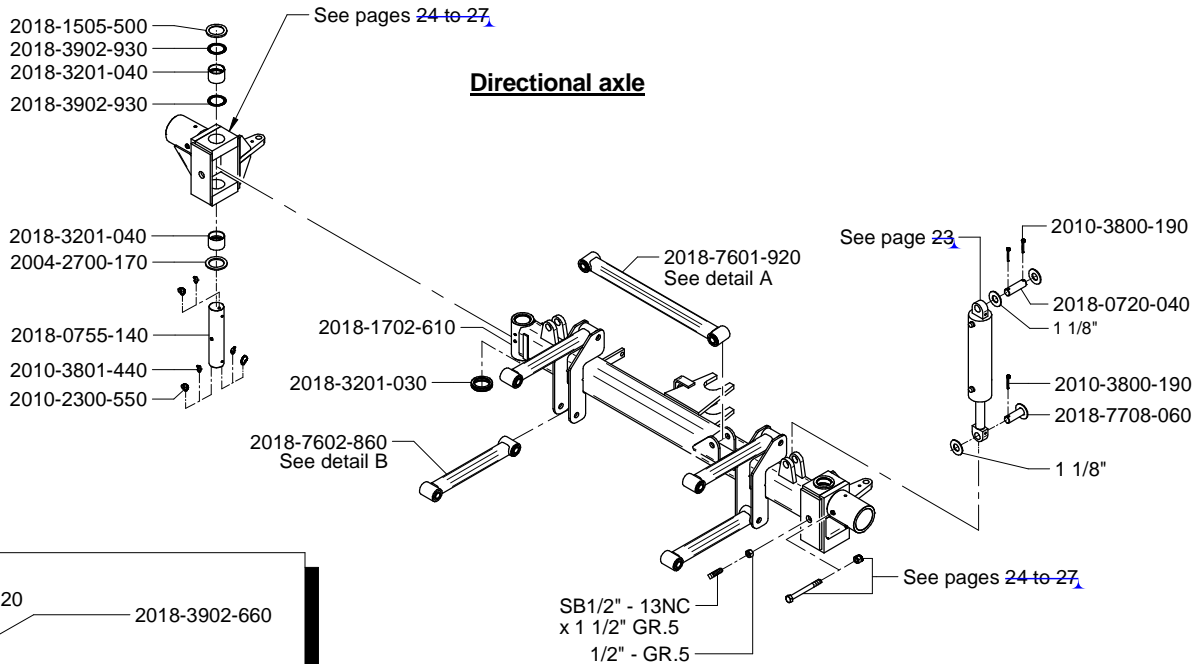
Not compatible with triple caliper brake, air brakes and 850 tire model.  
(Refer to Axle with truss)



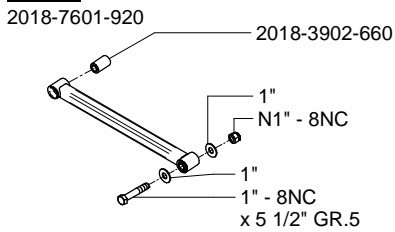
### Non-directional axle



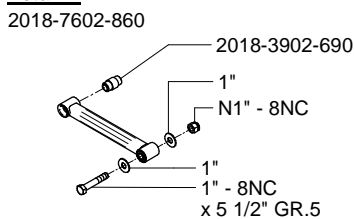
### Directional axle



#### Detail A

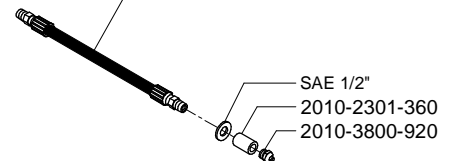


#### Detail B



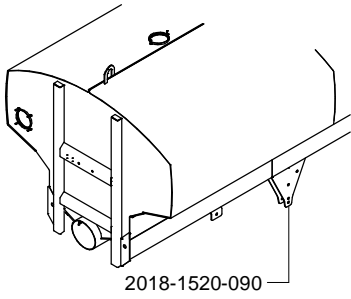
Grease line option:

Hyd. hose  
Ø1/4" X  
1/4" NPT - 1/4" NPT  
Male - Male

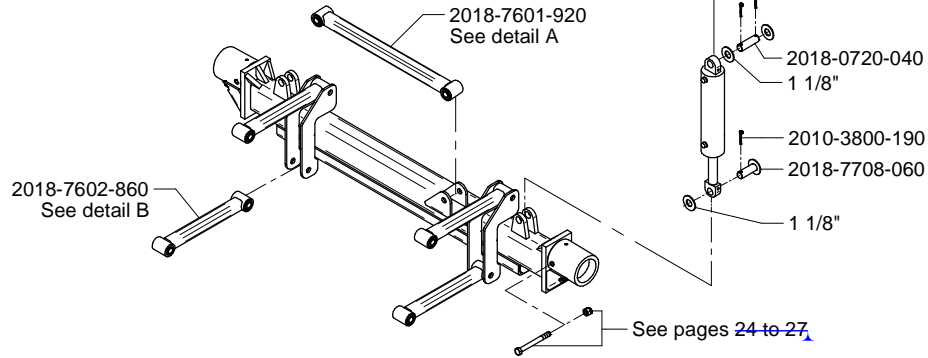


## AXLE WITH TRUSS

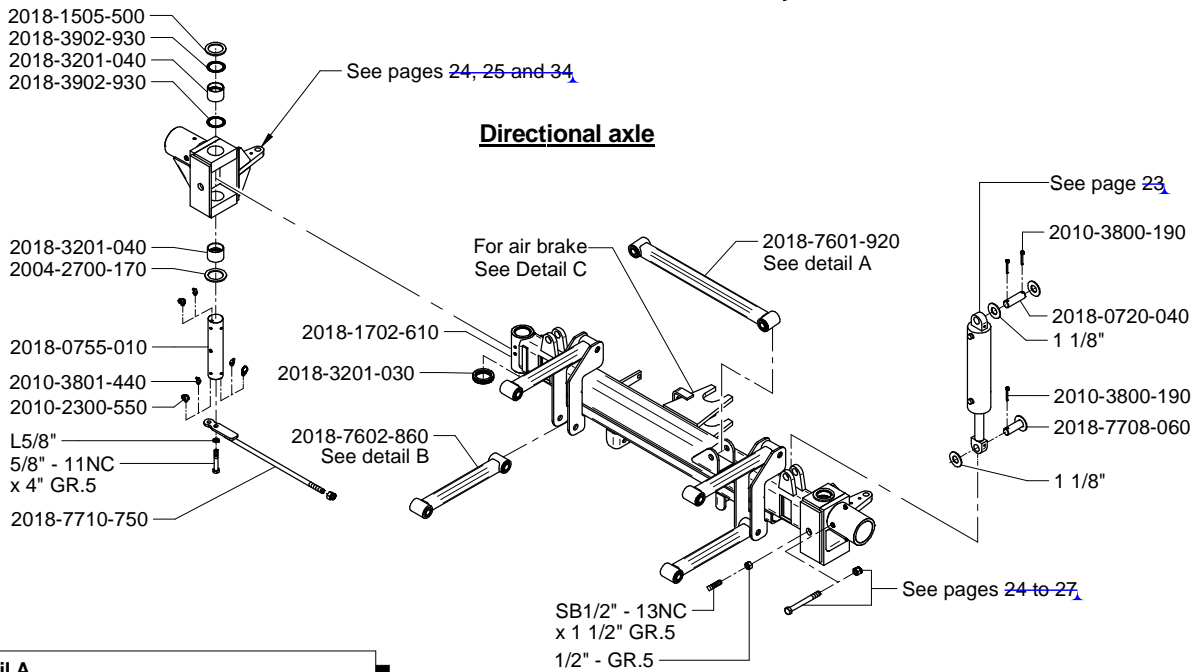
Mandatory with triple caliper brake, air brake and 850 tires model.



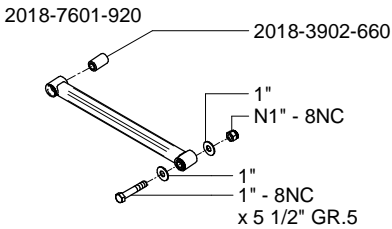
### Non-directional axle



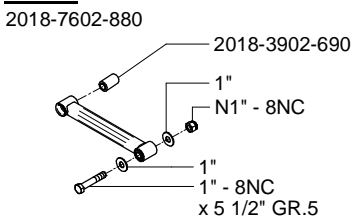
### Directional axle



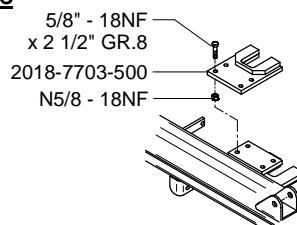
#### Detail A



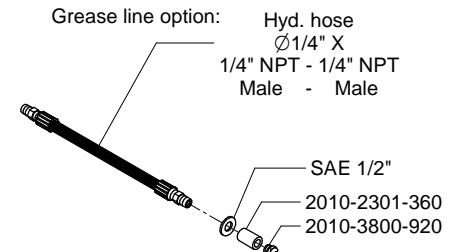
#### Detail B



#### Detail C

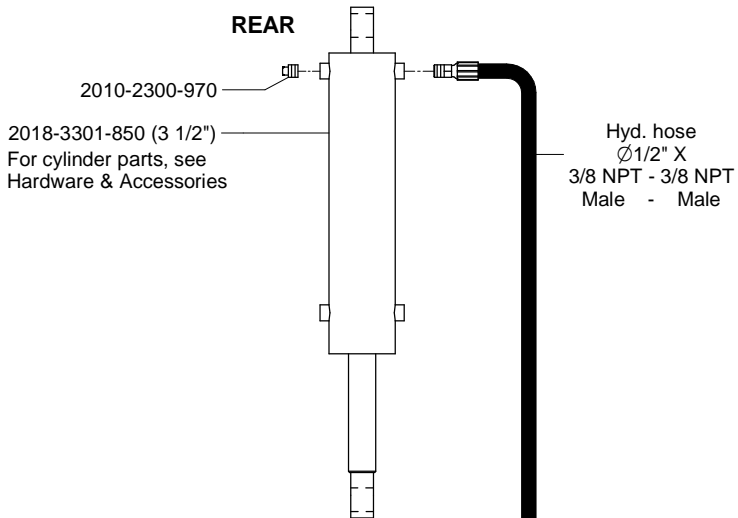


Grease line option:

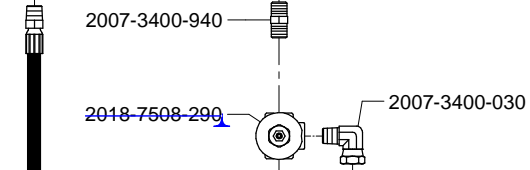
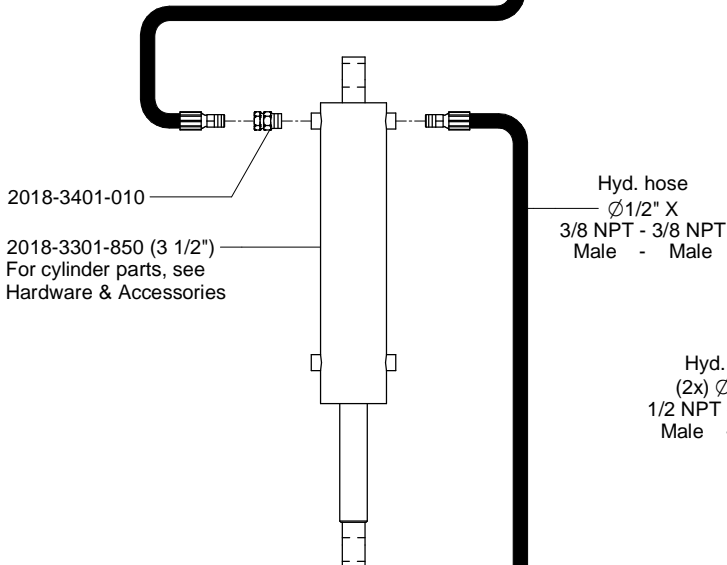
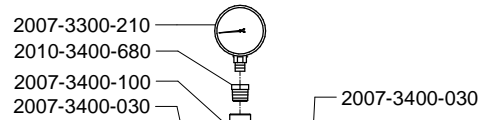


## SUSPENSION SYSTEM

For hydraulic hose replacement, refer to Hardware & Accessories.



### Hydraulic weight transfer system option



Hyd. hose  
(2x) Ø3/8" X  
1/2 NPT - 3/8 NPT  
Male - Male



2018-3301-850 (3 1/2")  
2018-3301-970 (3 1/4")  
For cylinder parts, see Hardware & Accessories

Hyd. hose  
Ø1/4" X  
1/4 NPT - 1/4 NPT  
Male - Male

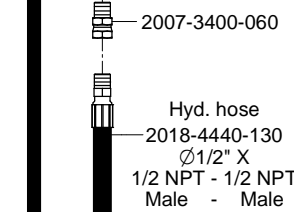
2010-3400-680

2010-3400-150

2010-2303-100

2010-3801-240

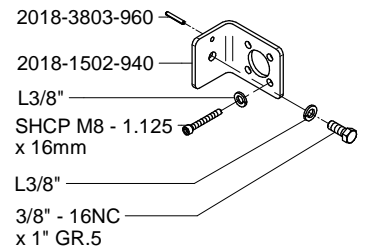
2018-3600-270



Hyd. hose  
2018-4440-130  
Ø1/2" X  
1/2 NPT - 1/2 NPT  
Male - Male

2010-3400-150

2010-3400-150



**FRONT**

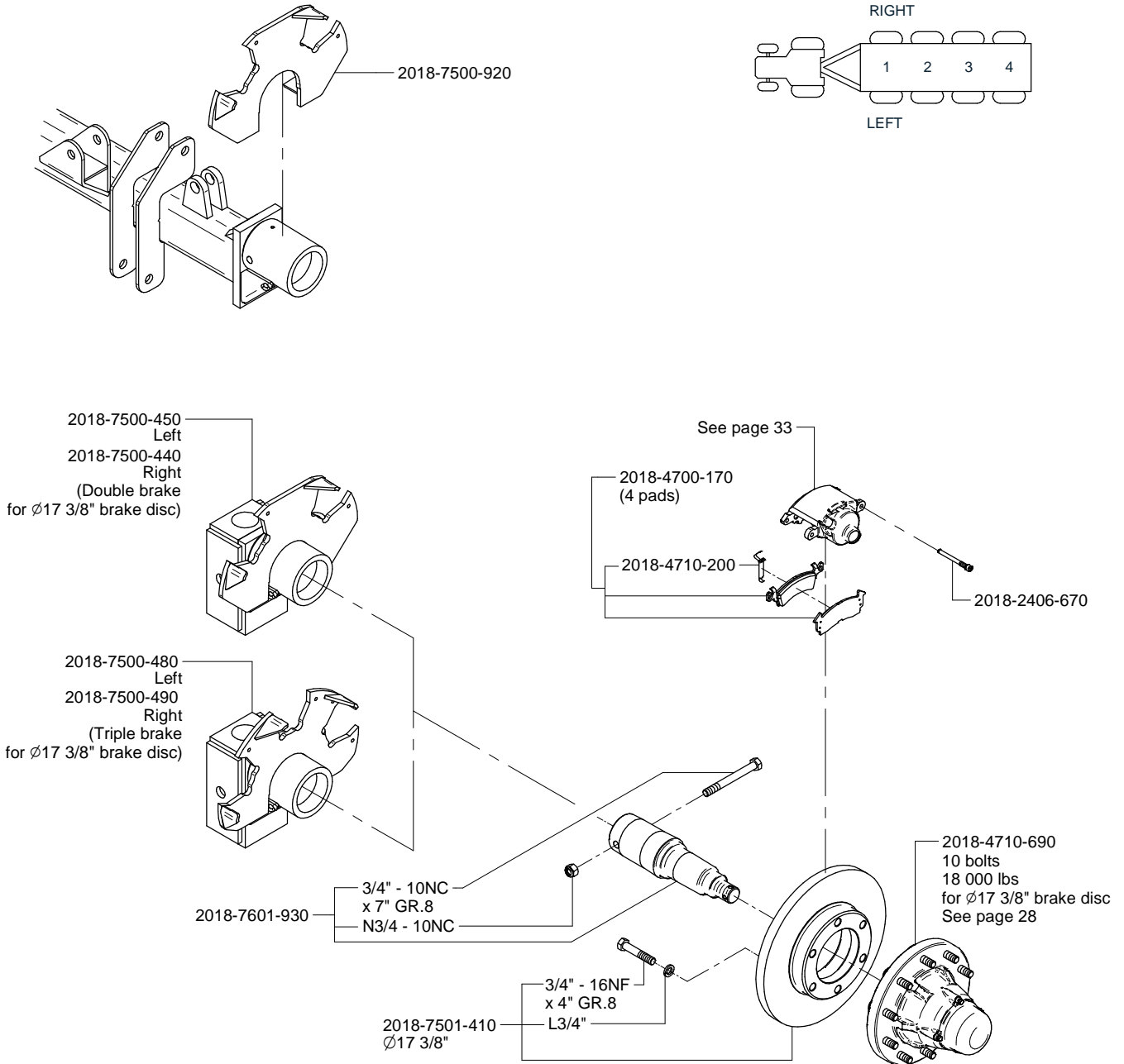
2018-3400-990 (2X)



## STEERING KNUCKLE, BRAKE, AXLE AND HUB SINCE SEPTEMBER 2014

Serial no reference: since CA11-1408940

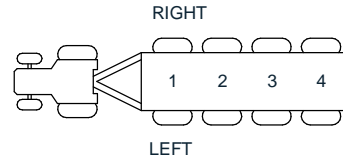
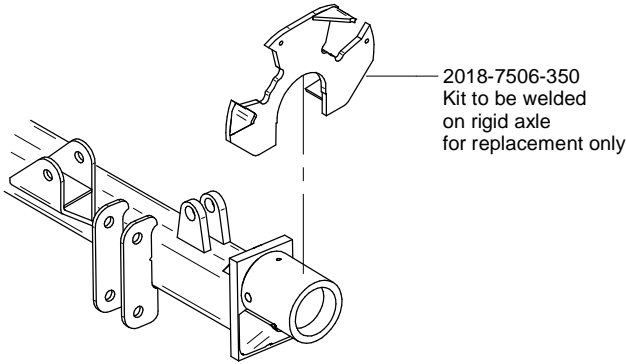
Note: The steering knuckle without caliper model is discontinued. For replacement, use the double caliper model.



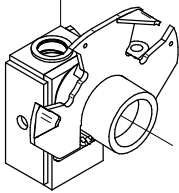
## STEERING KNUCKLE, BRAKE, AXLE AND HUB FROM JUNE 2006 TO SEPTEMBER 2014

Serial no reference: 1801-065650 @ CA11-1408940

Note: The steering knuckle without caliper and single caliper is discontinued. For replacement, use the double caliper model.



2018-7506-850  
Left  
2018-7506-840  
Right  
(Double brake  
for  $\varnothing 15 \frac{3}{8}$ "  
brake disc)



See page 33

2018-4700-170  
(4 Pads)

2018-4710-200

2018-2406-670

2018-7601-930  
3/4" - 10NC  
x 7" GR.8  
N3/4 - 10NC

2018-7501-390  
 $\varnothing 15 \frac{3}{8}$ "

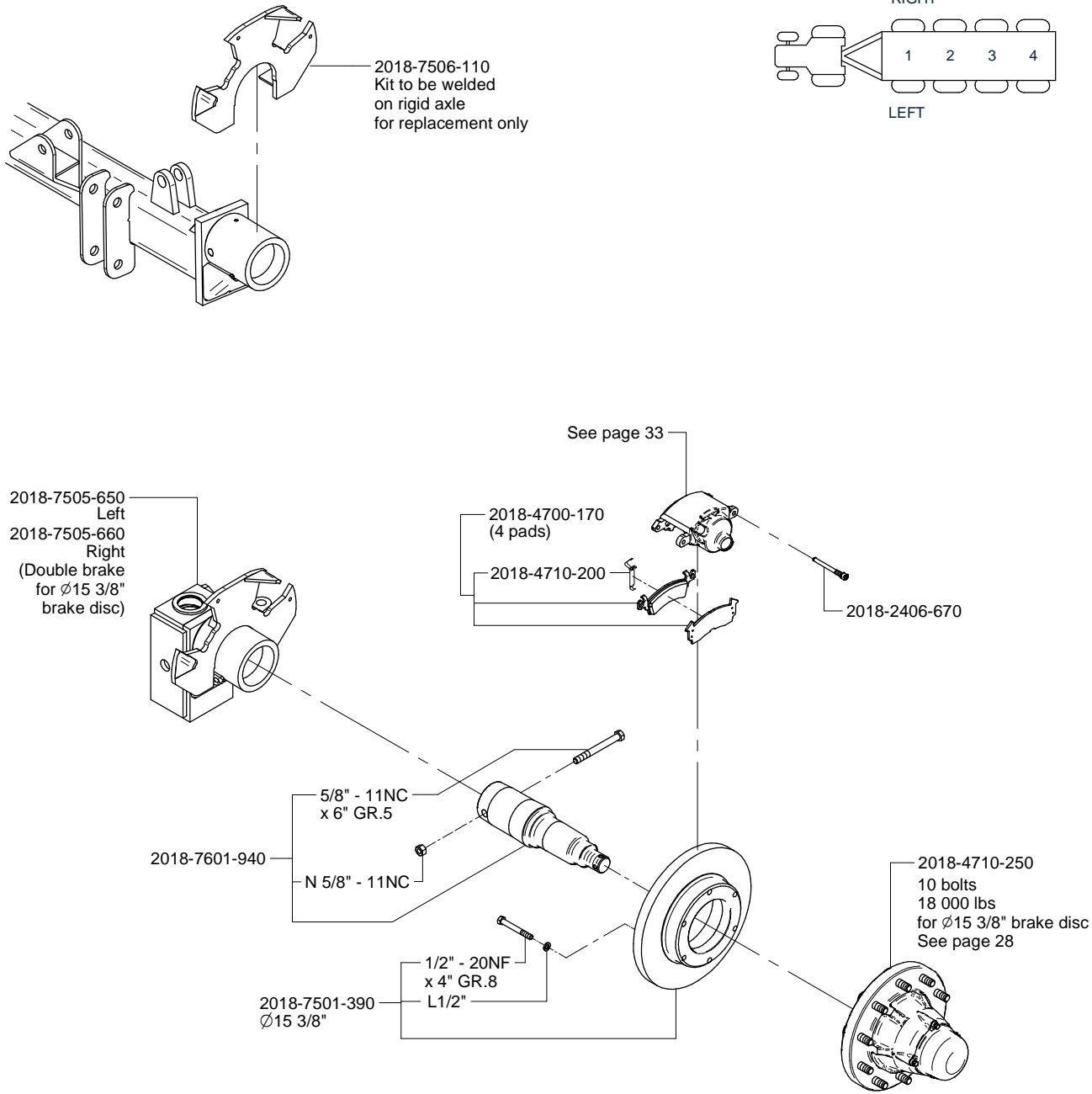
1/2" - 20NF  
x 4" GR.8  
L1/2"

2018-4710-250  
10 bolts  
18 000 lbs  
for  $\varnothing 15 \frac{3}{8}$ " brake disc,  
see page 28

## STEERING KNUCKLE, BRAKE, AXLE AND HUB FROM JUNE 1995 TO JUNE 2006

Serial no reference: 95-783 @ 1801-065649

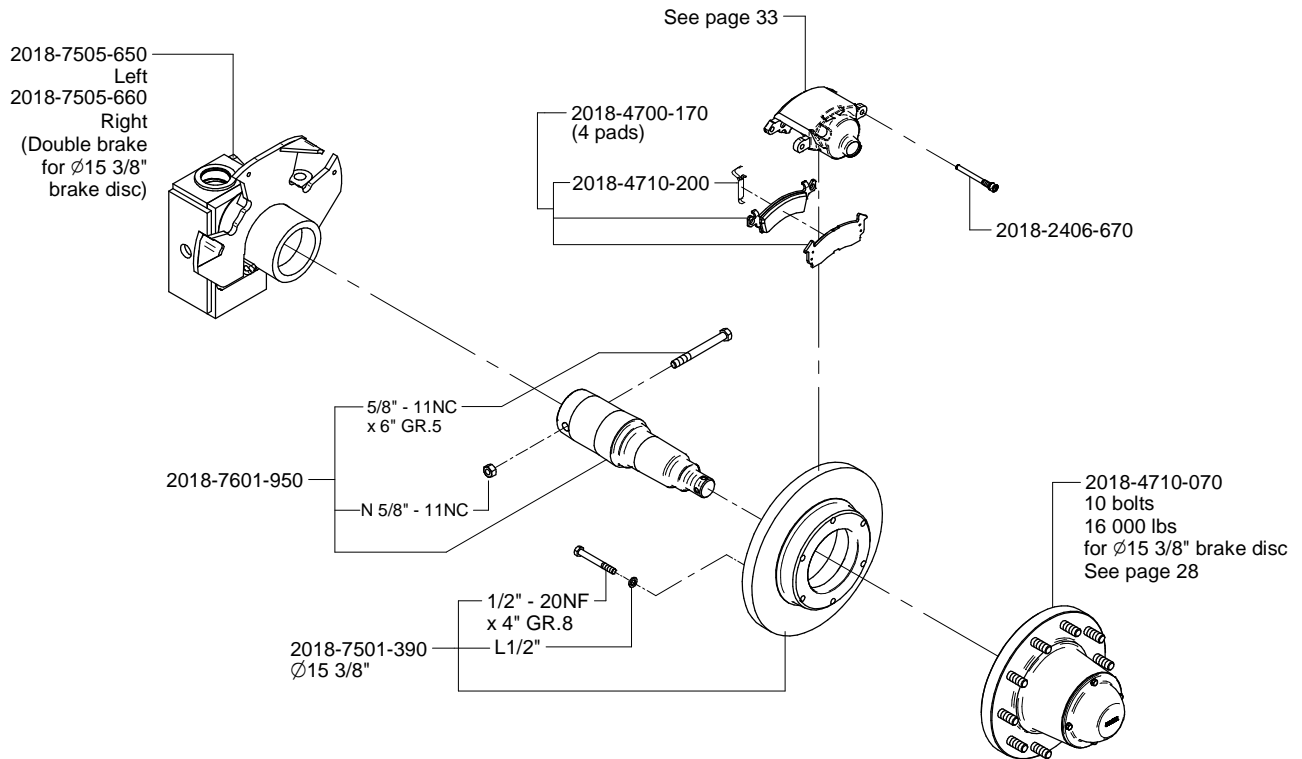
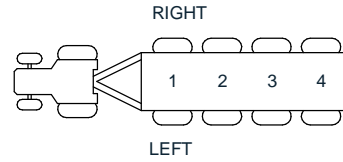
Note: The steering knuckle without caliper and single caliper is discontinued. For replacement, use the double caliper model.



## STEERING KNUCKLE, BRAKE, AXLE AND HUB FROM 1993 TO JUNE 1995

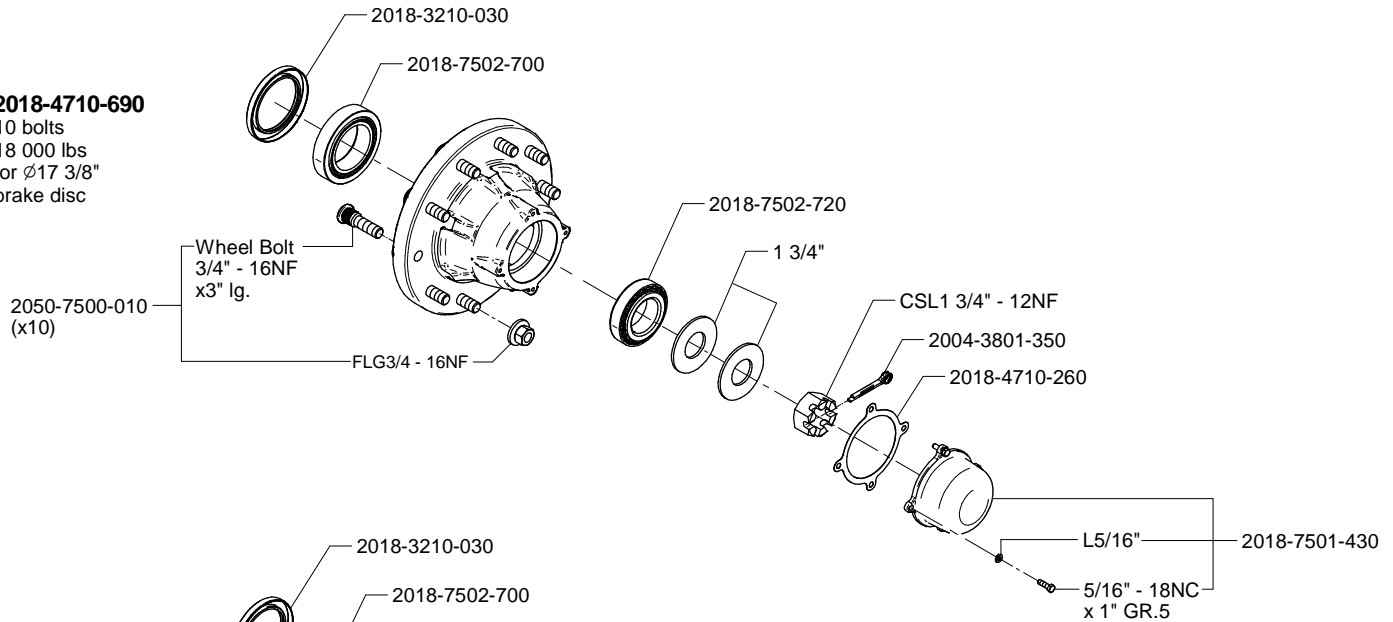
Serial no reference: Before 95-783

Note: The steering knuckle without caliper and single caliper is discontinued. For replacement, use the double caliper model.



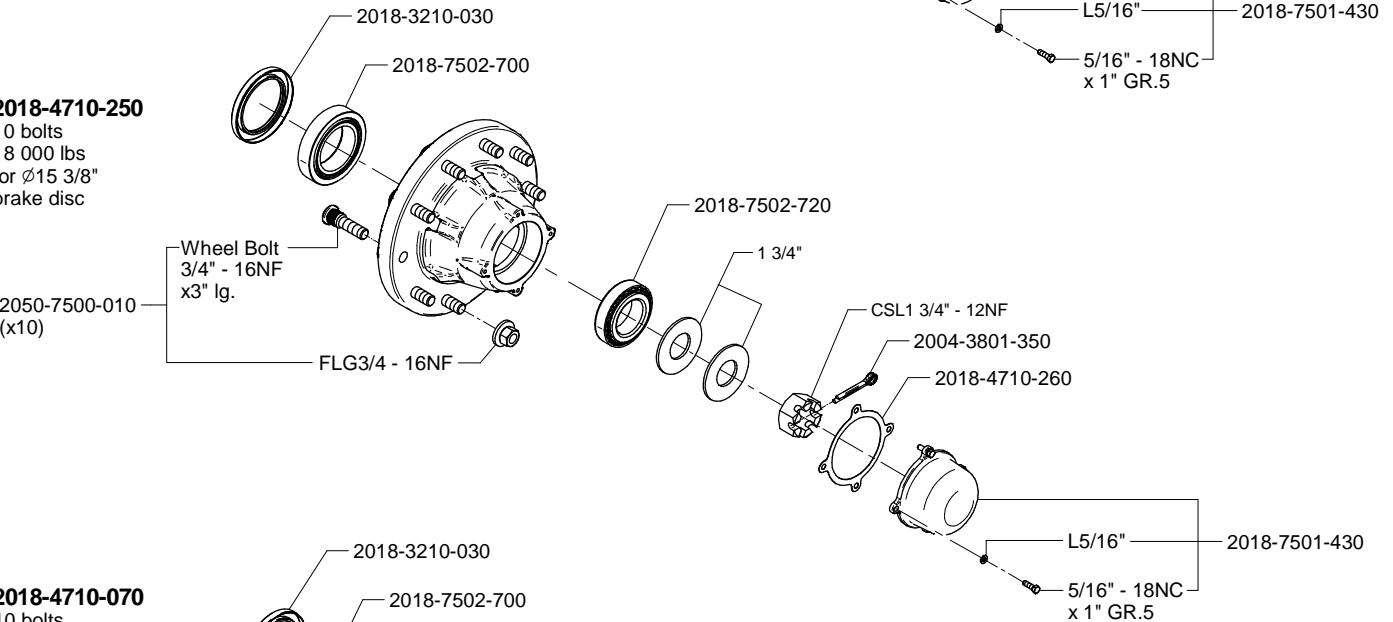
**2018-4710-690**

10 bolts  
18 000 lbs  
for  $\varnothing 17 \frac{3}{8}$ "  
brake disc



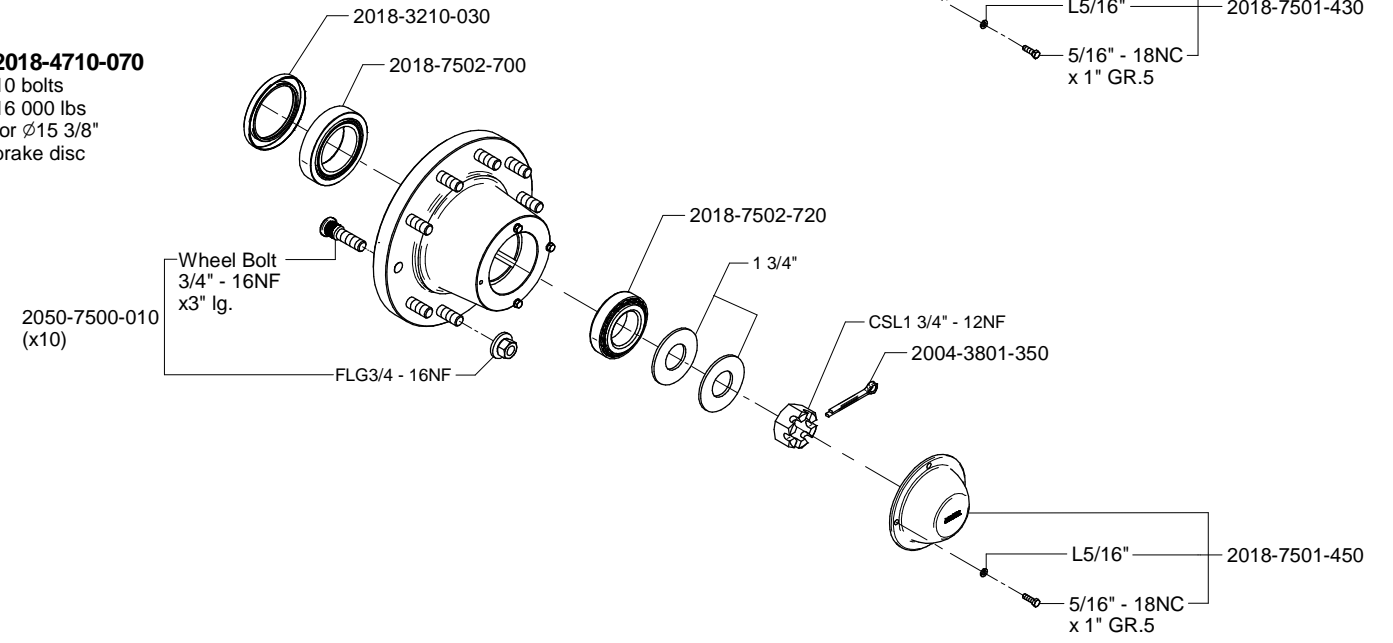
**2018-4710-250**

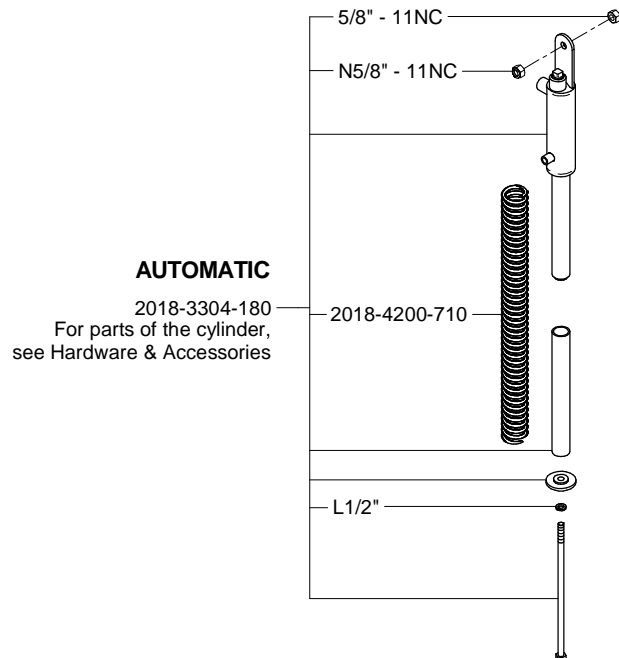
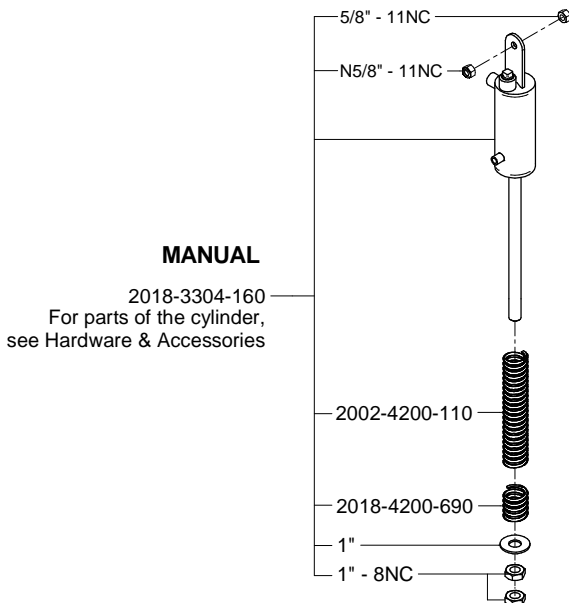
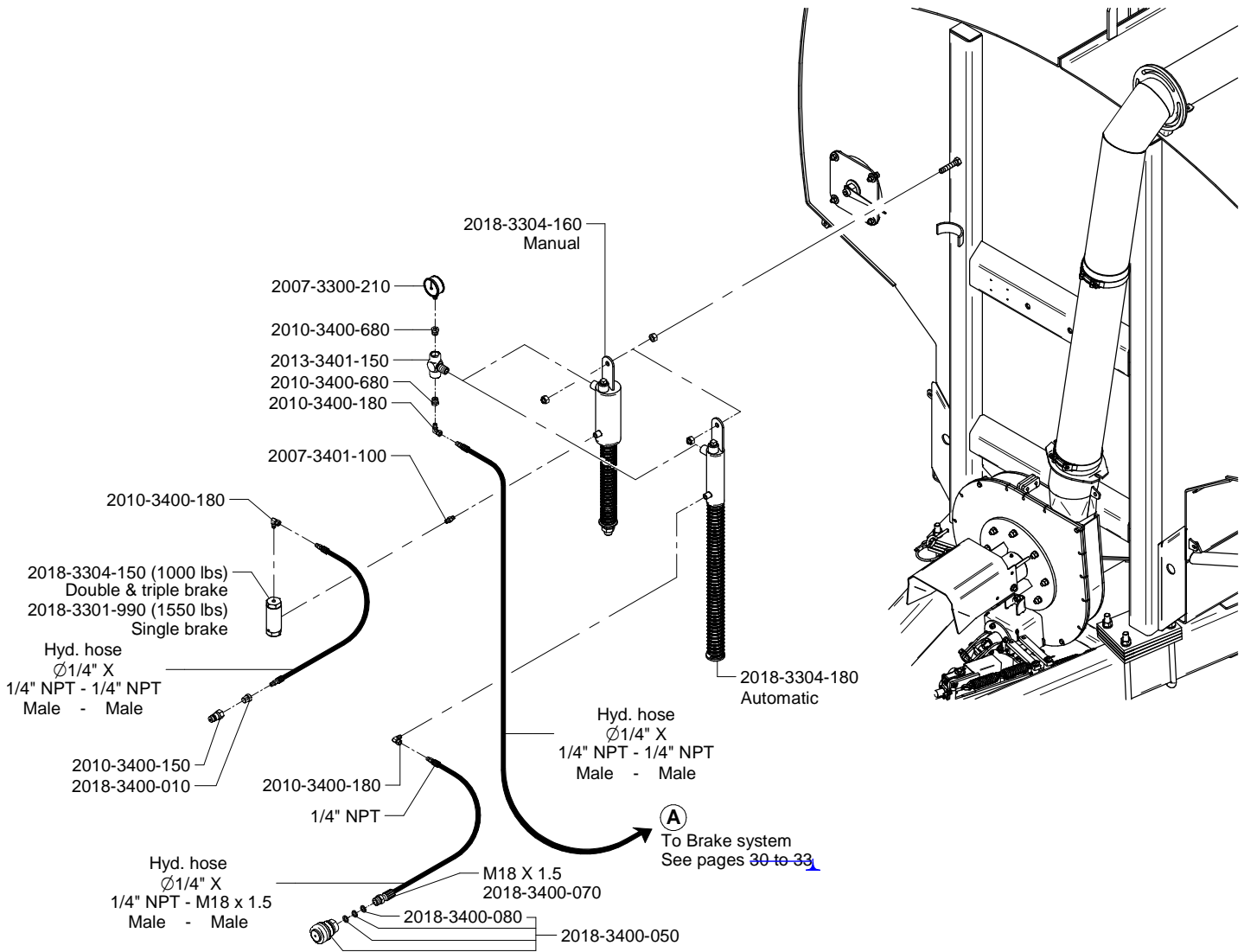
10 bolts  
18 000 lbs  
for  $\varnothing 15 \frac{3}{8}$ "  
brake disc

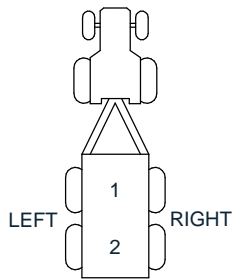


**2018-4710-070**

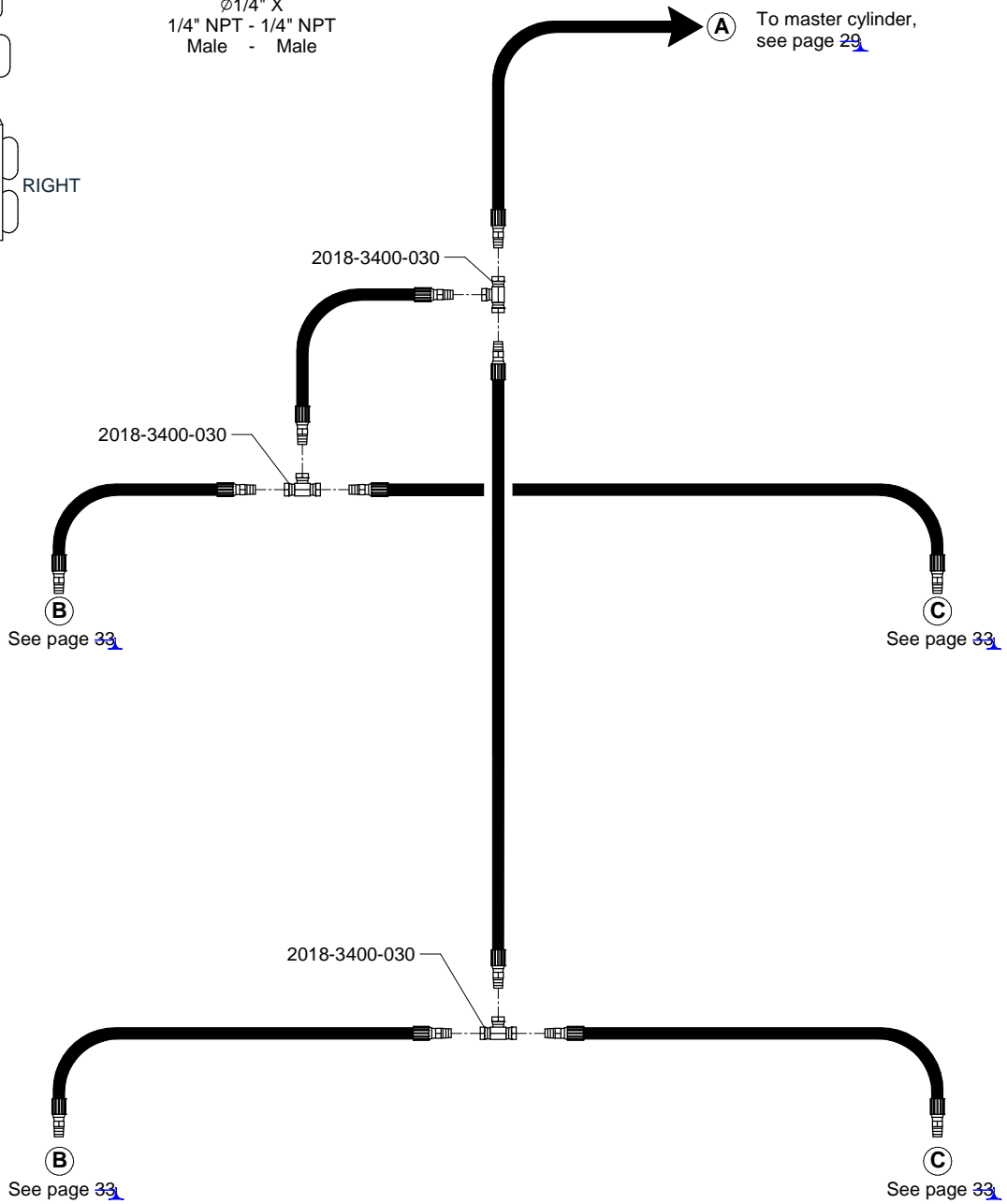
10 bolts  
16 000 lbs  
for  $\varnothing 15 \frac{3}{8}$ "  
brake disc

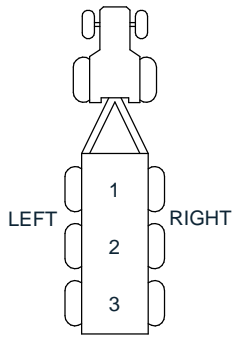




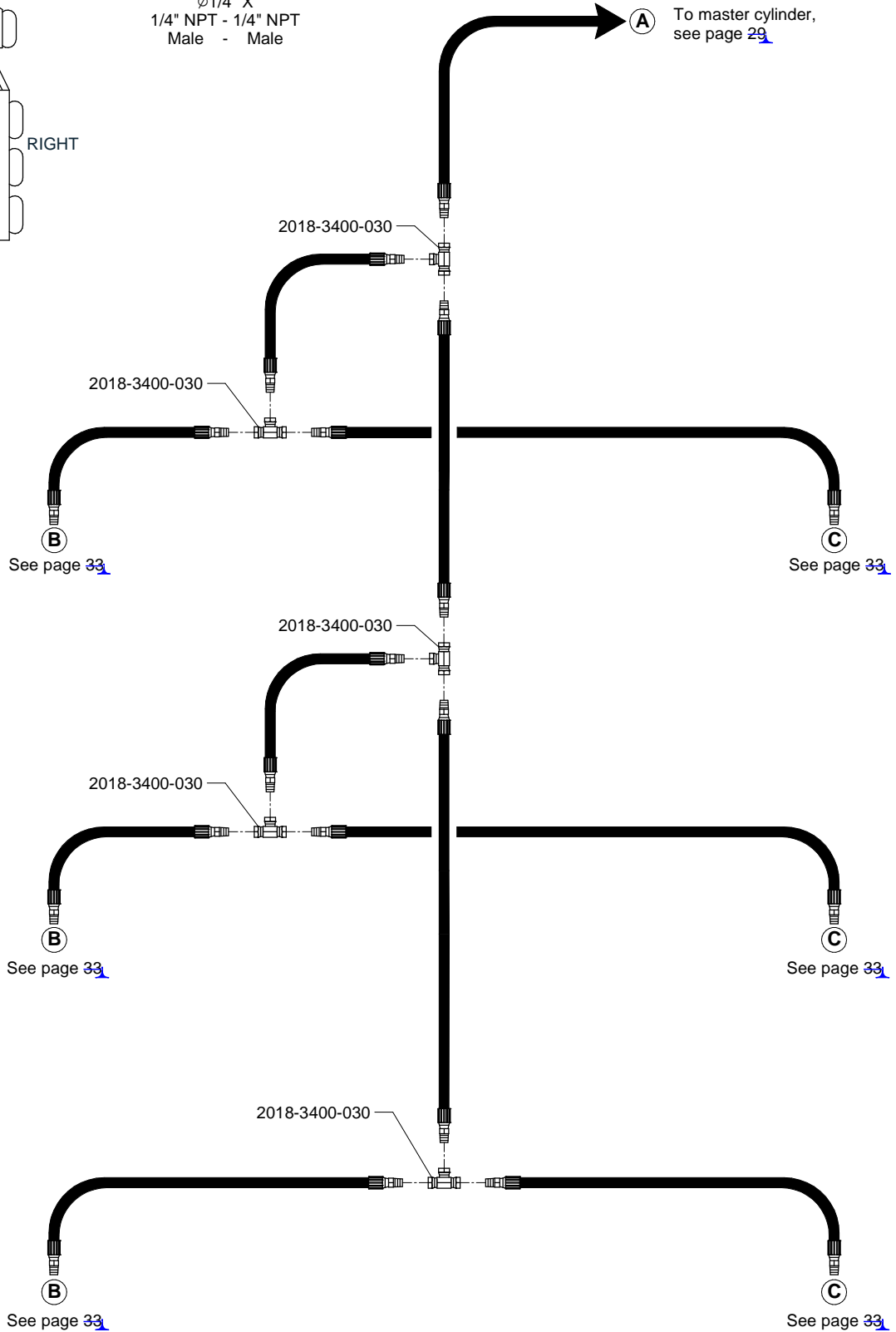


Hydraulic hoses  
 $\varnothing 1/4"$  X  
 1/4" NPT - 1/4" NPT  
 Male - Male

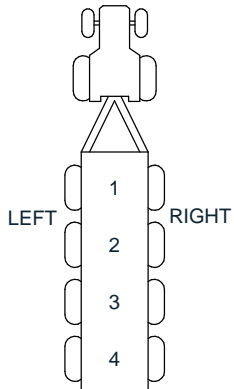




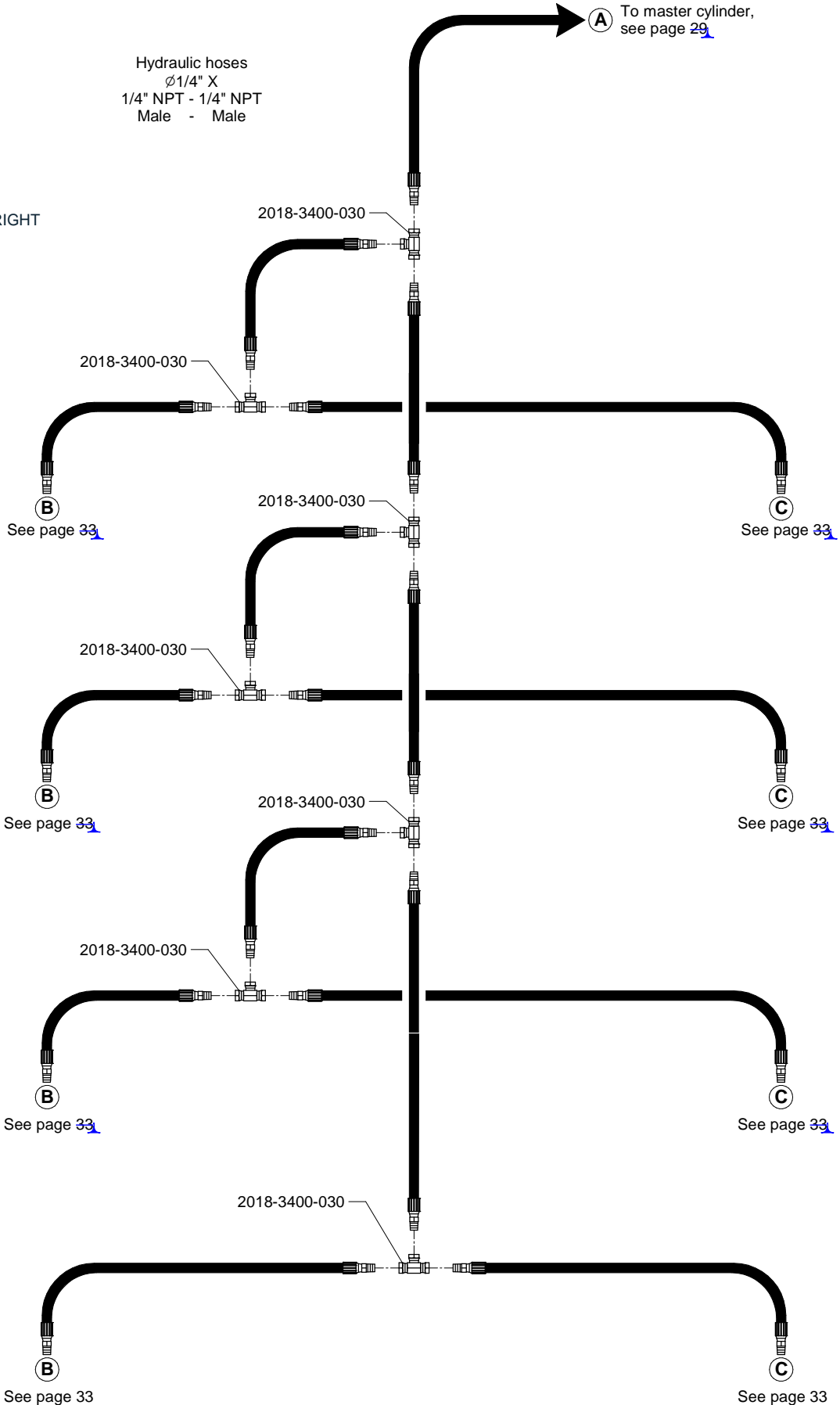
Hydraulic hoses  
 $\varnothing 1/4"$  X  
 1/4" NPT - 1/4" NPT  
 Male - Male

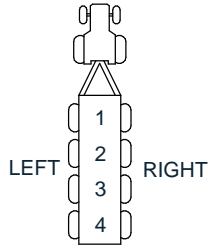




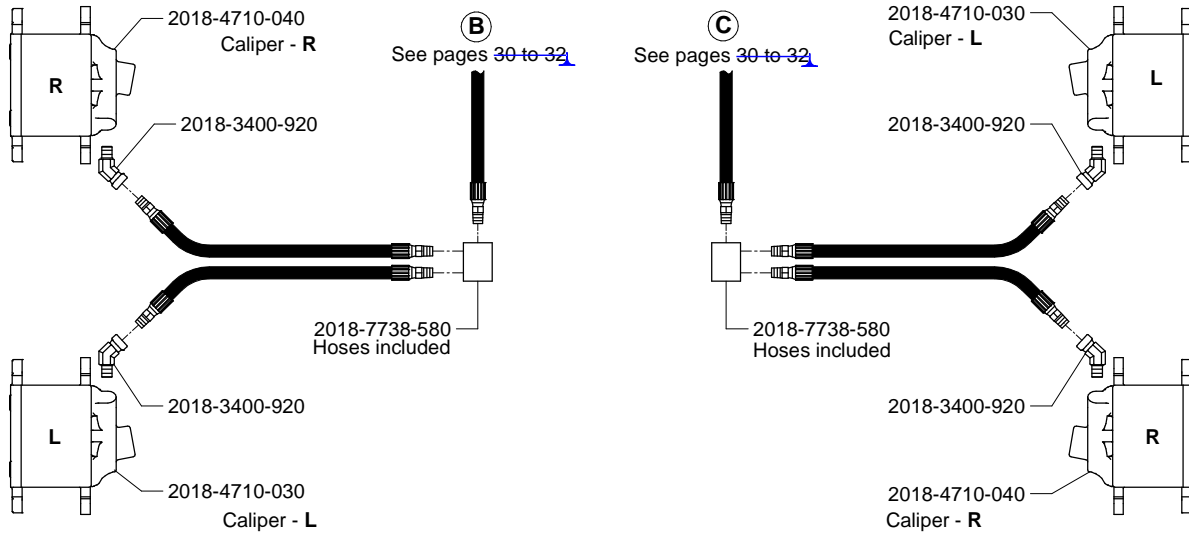


Hydraulic hoses  
 $\varnothing 1/4" \times$   
 1/4" NPT - 1/4" NPT  
 Male - Male

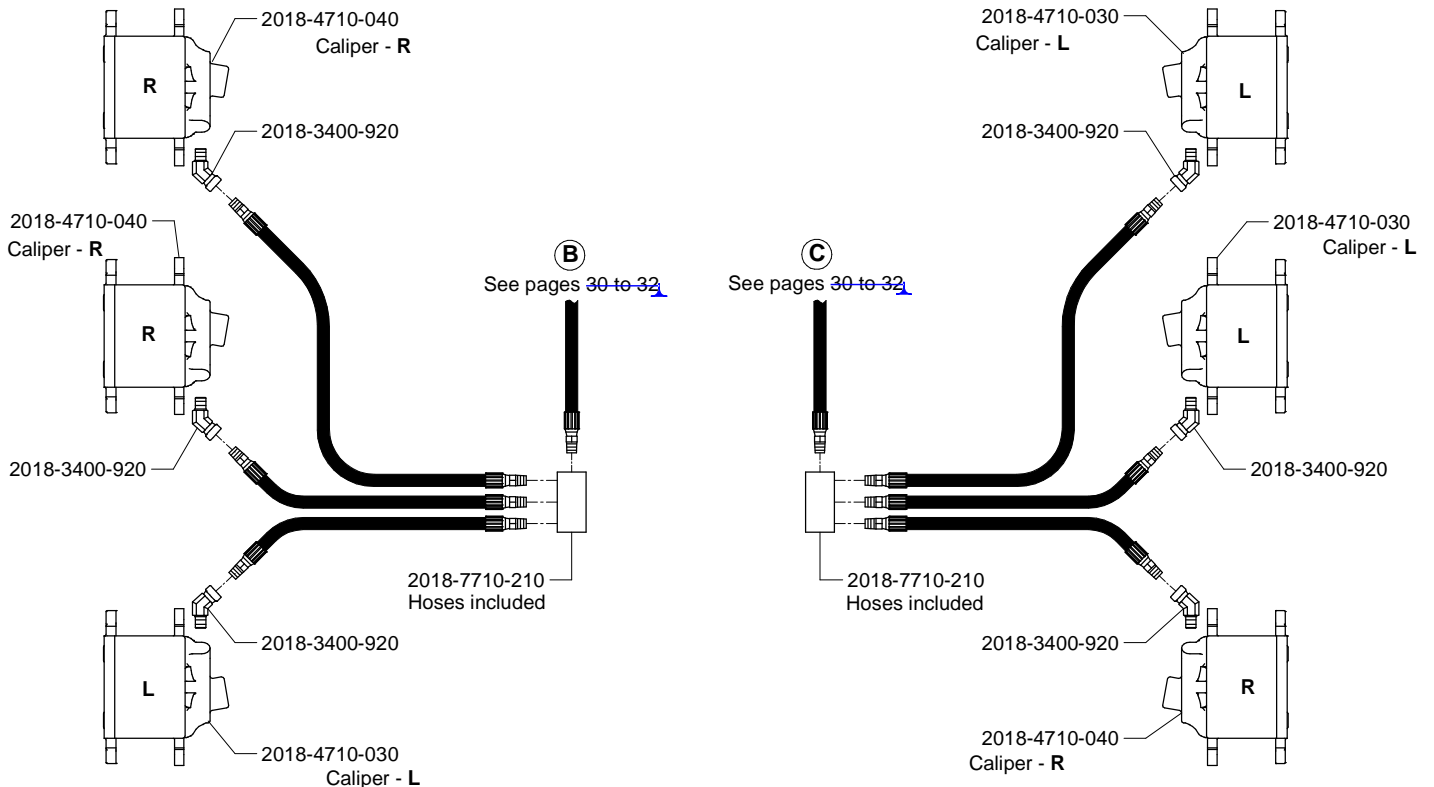




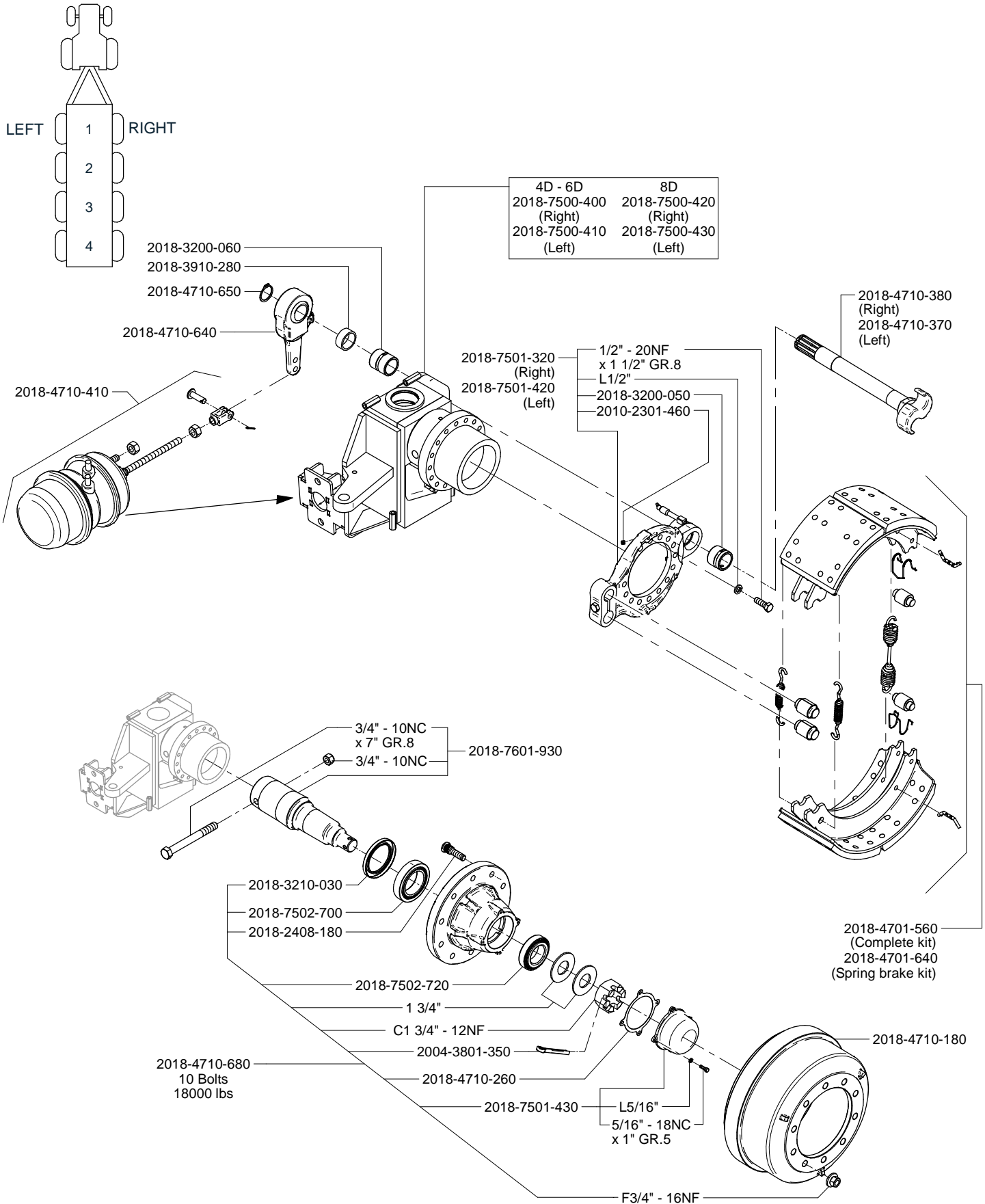
**DOUBLE CALIPER BRAKES SET**

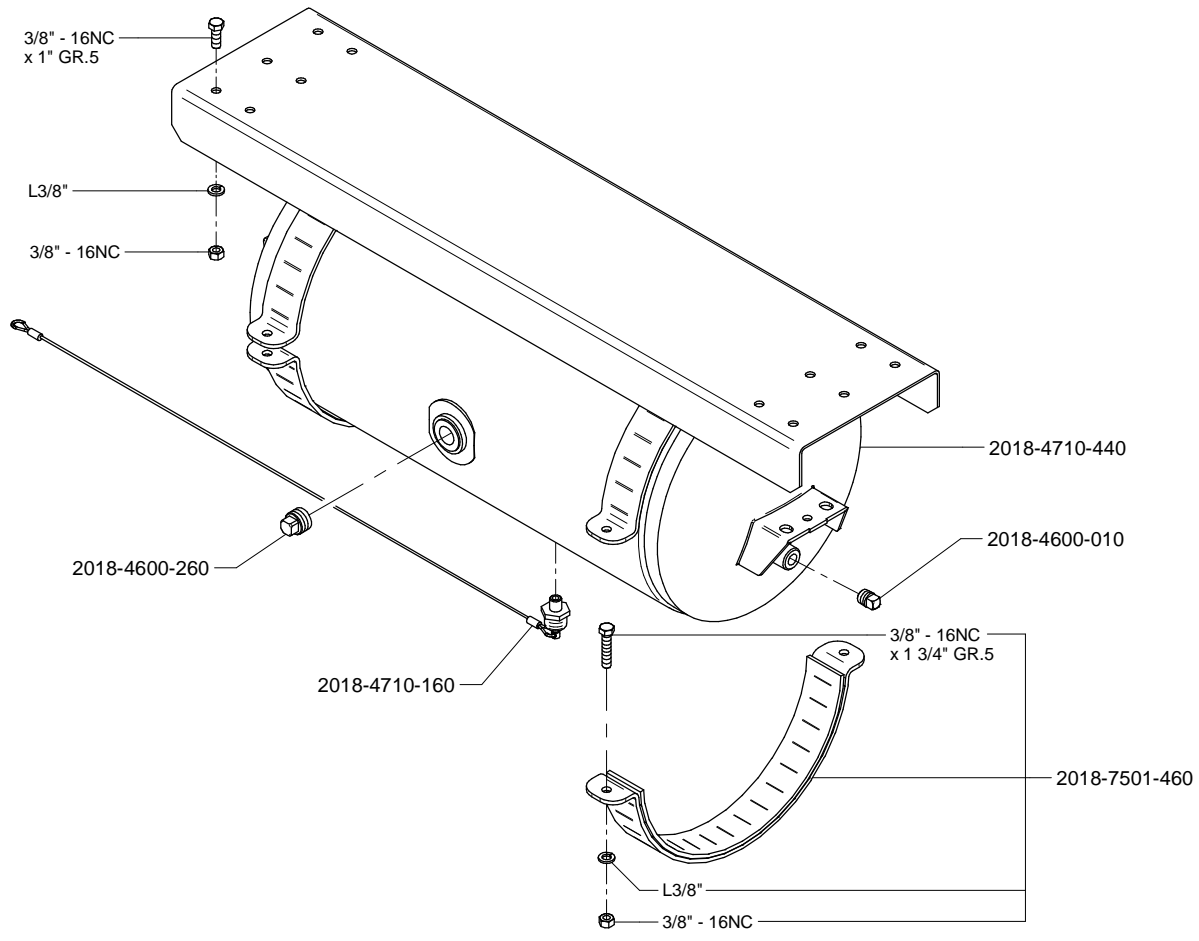
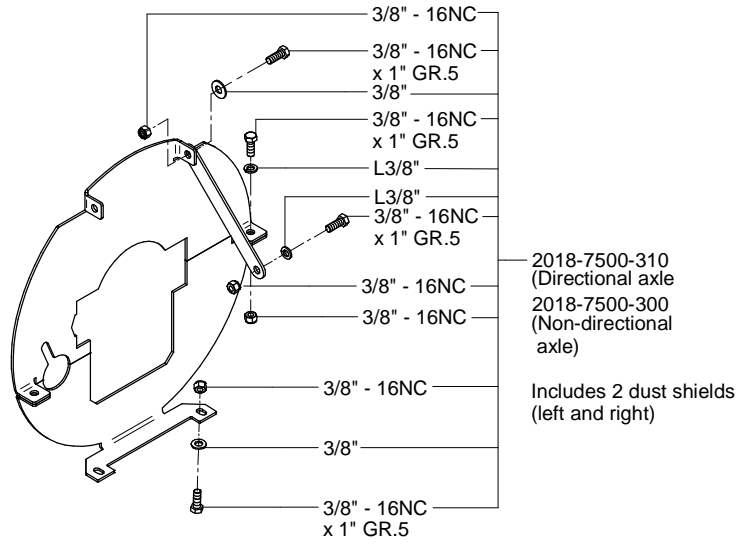
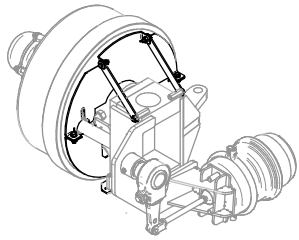


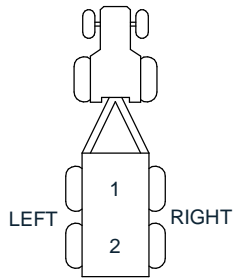
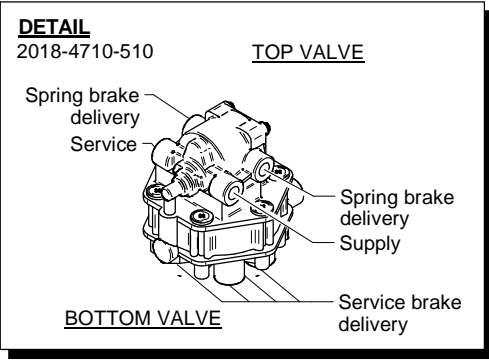
**TRIPLE CALIPER BRAKES SET**



## AIR BRAKE - LINING, HUB AND AXLE SHAFT

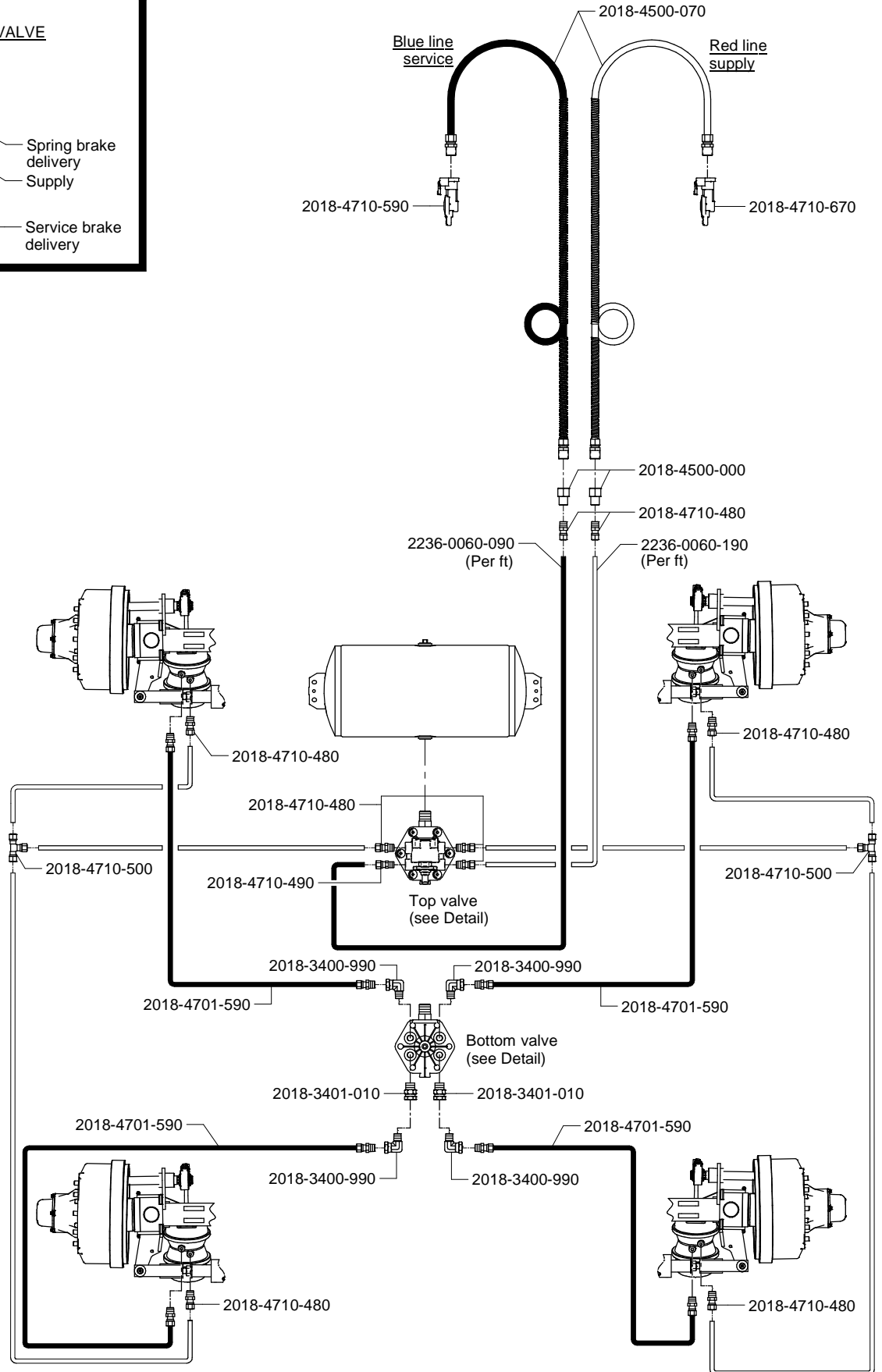


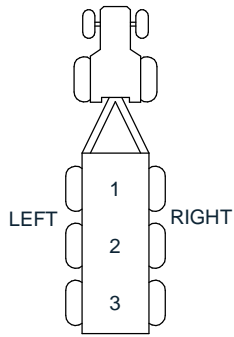
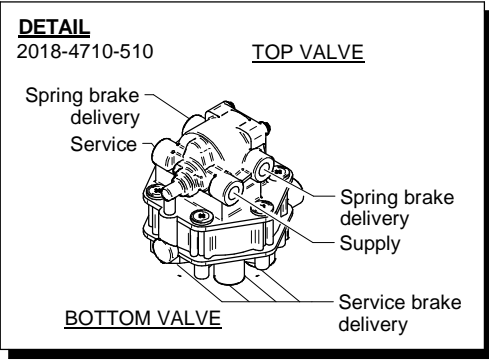




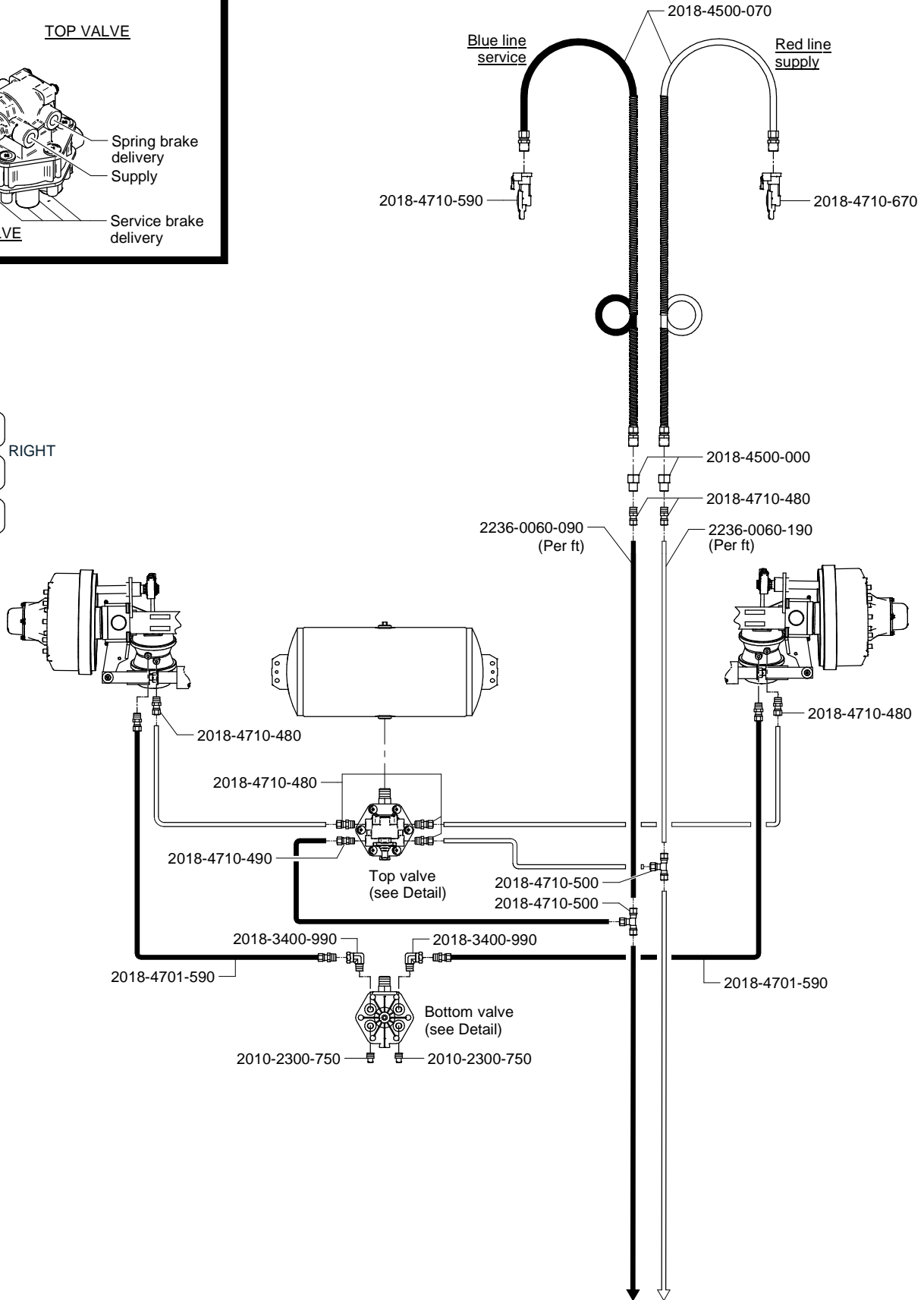
Axle 1

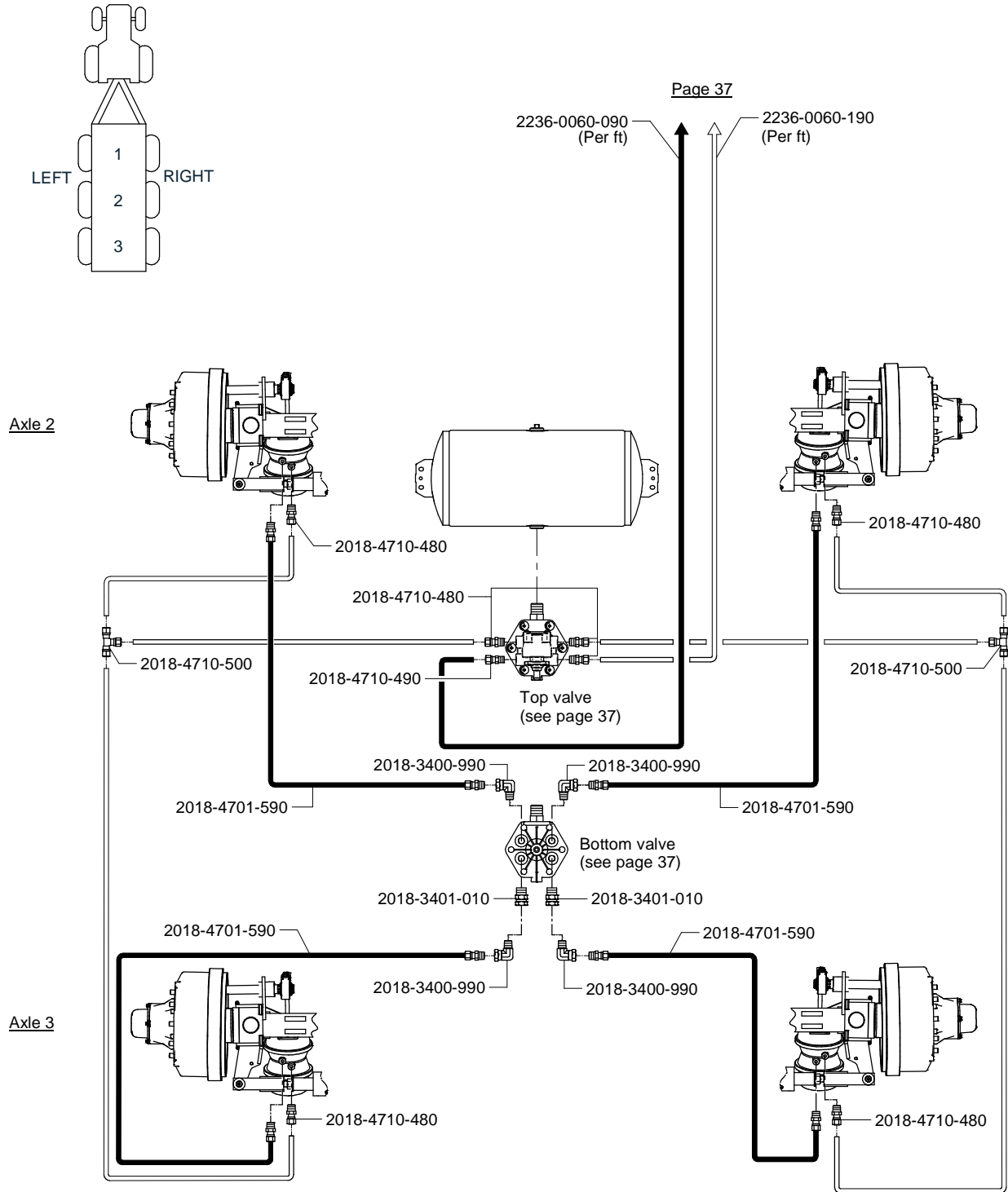
Axle 2

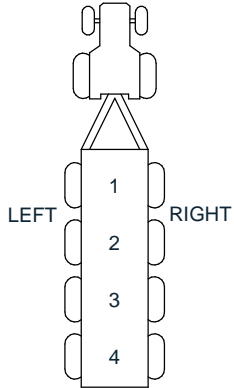
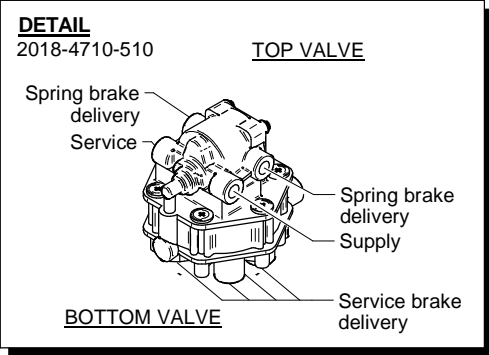




Axle 1

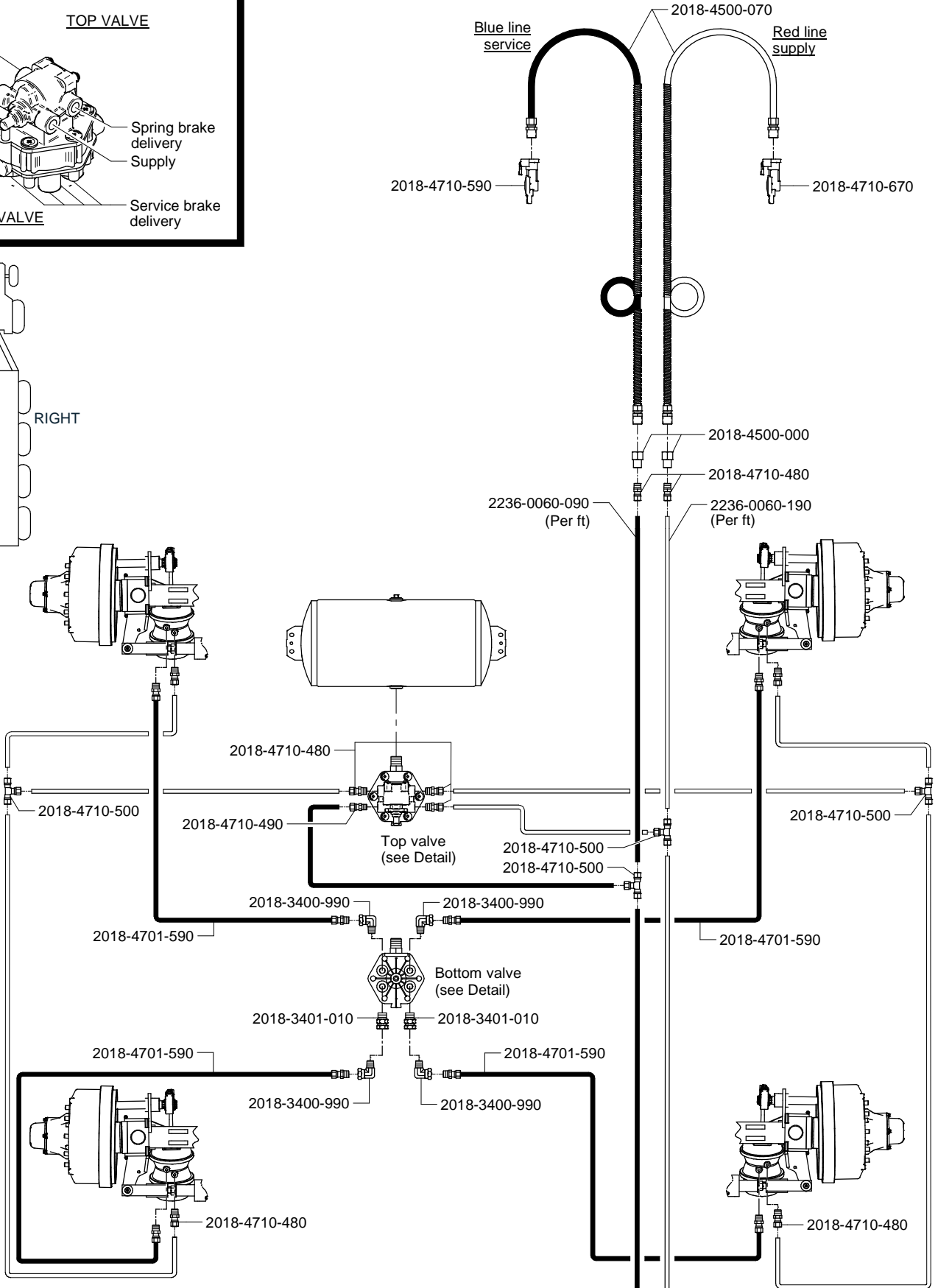




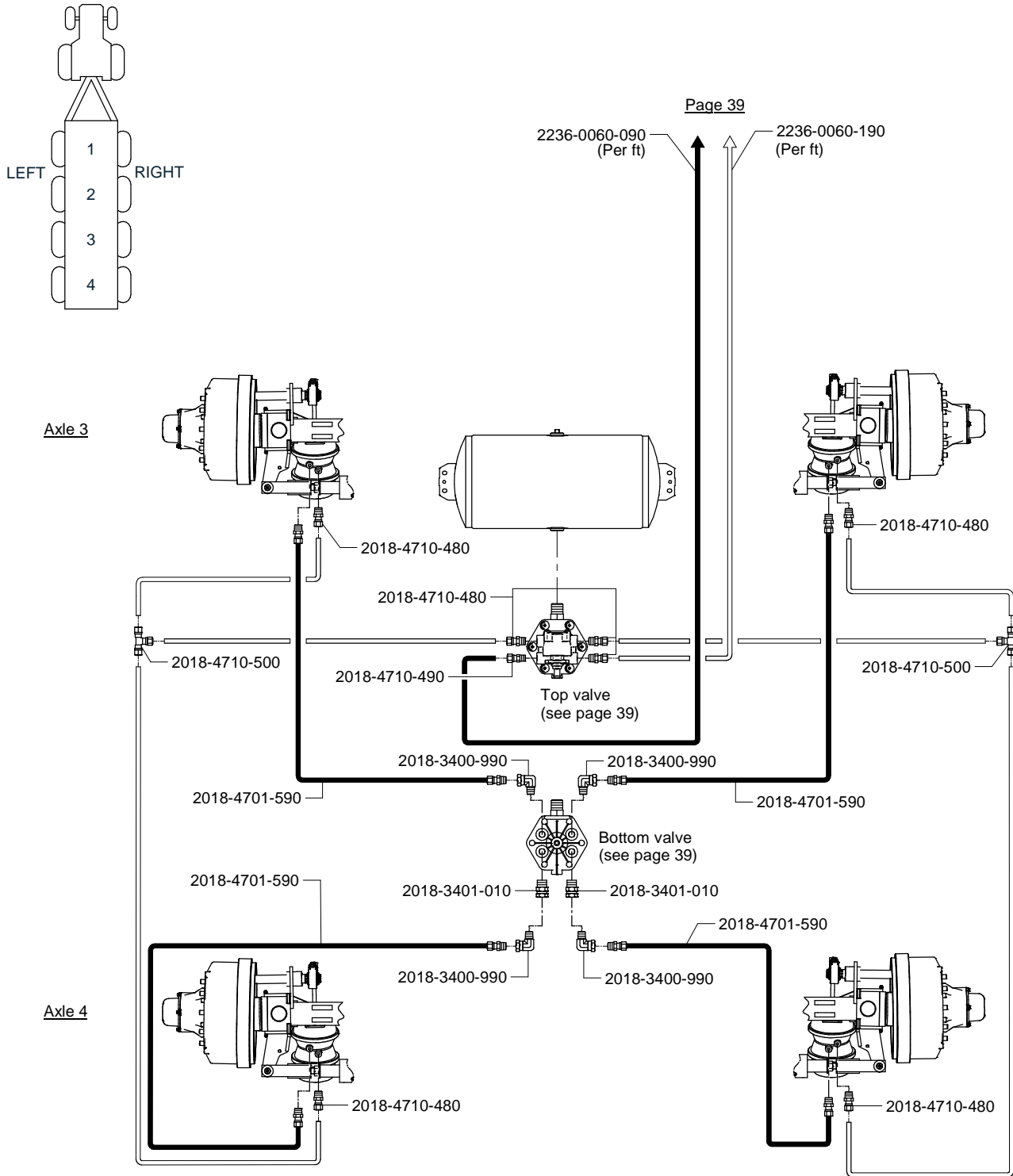


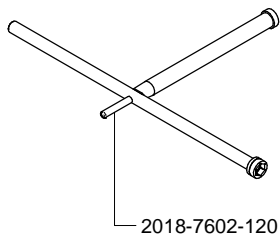
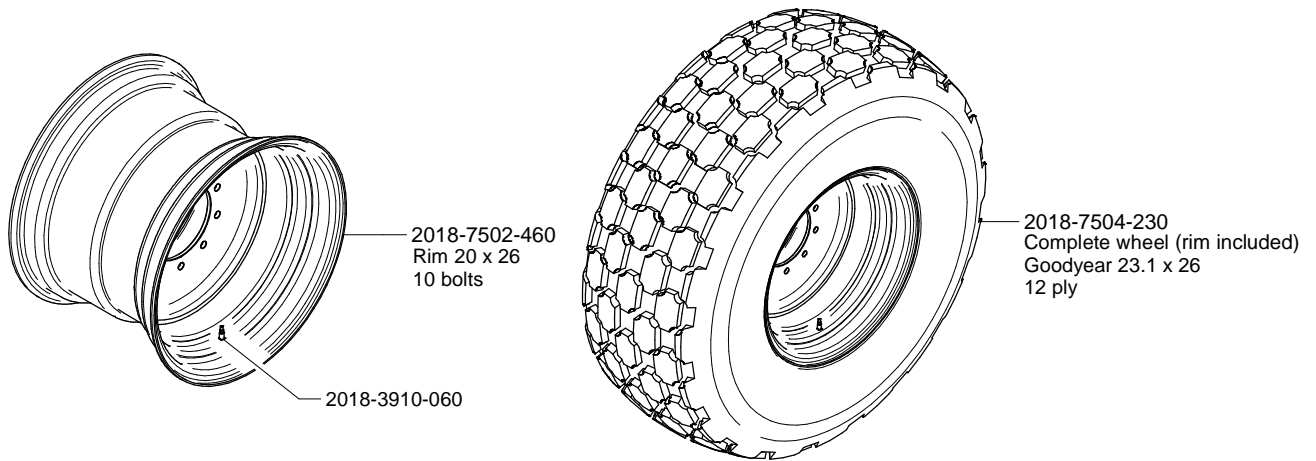
Axle 1

Axle 2

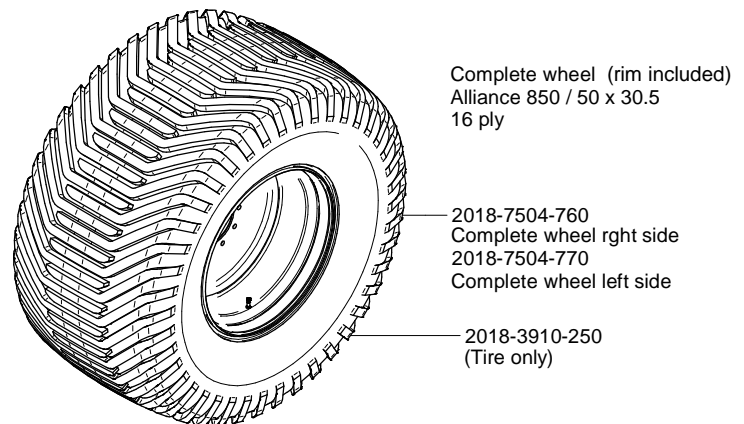
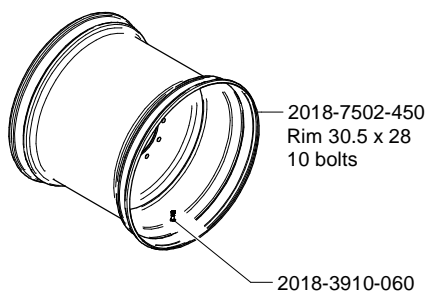
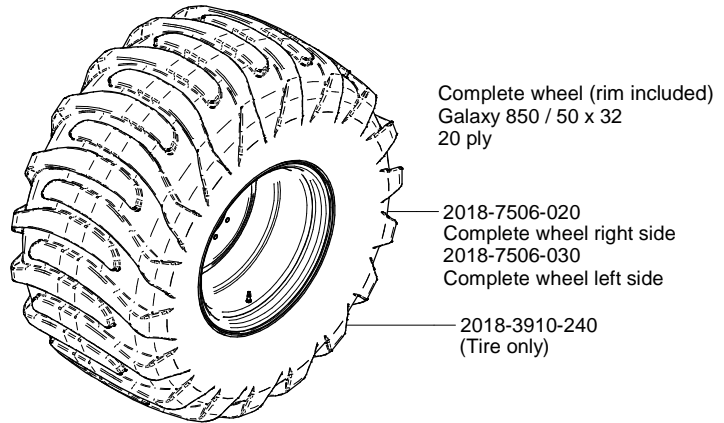
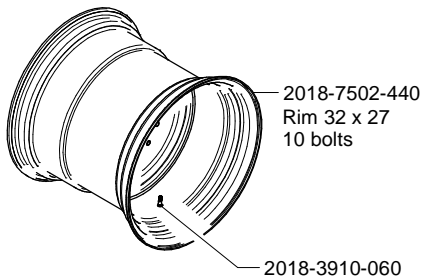
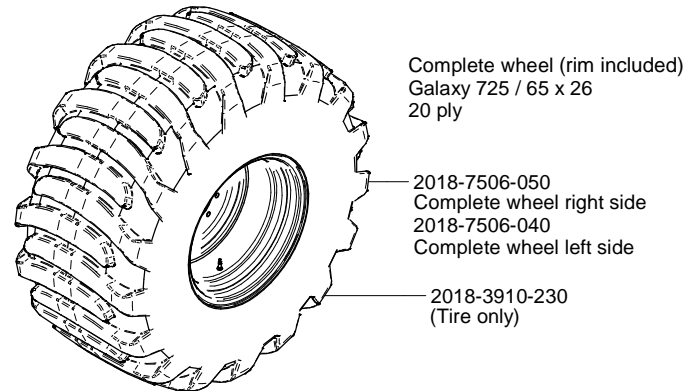
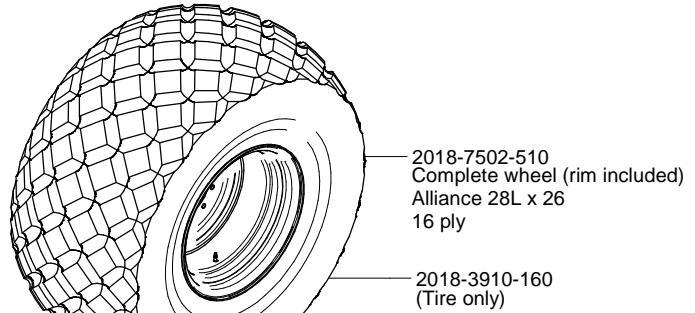
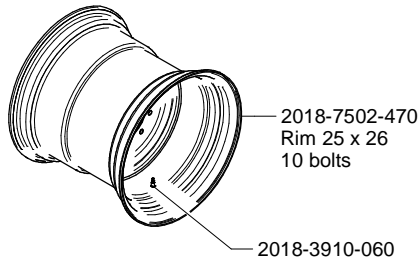
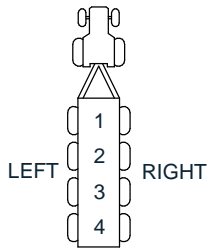




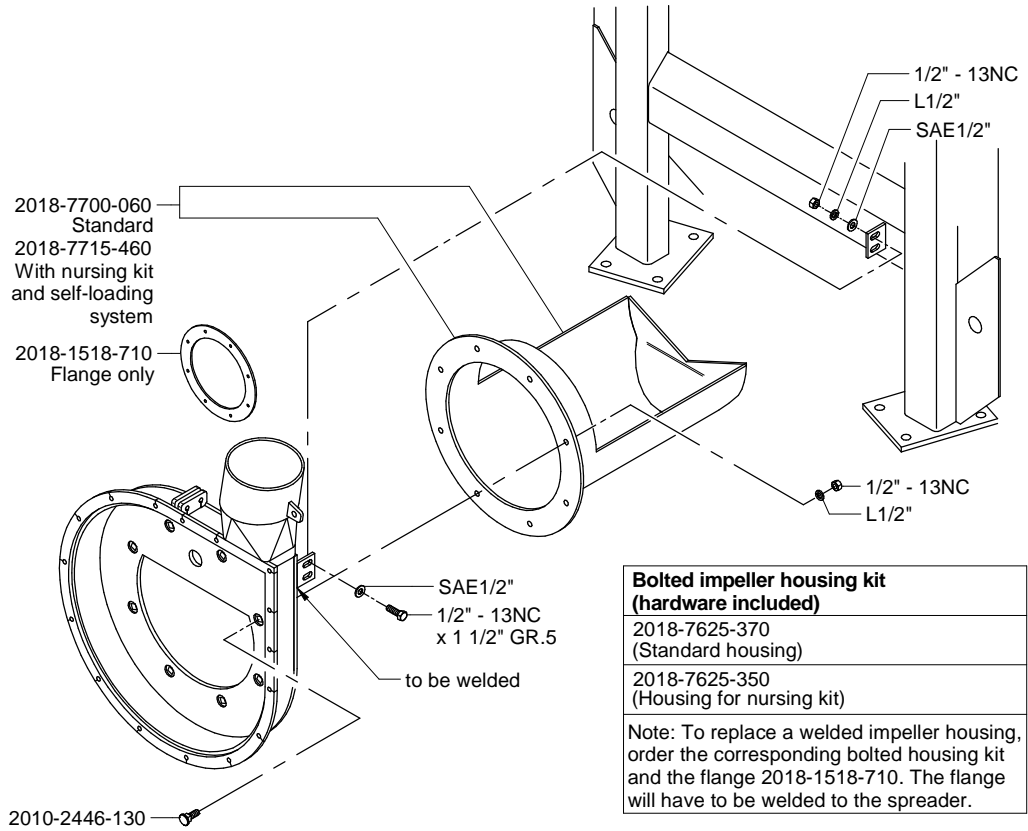




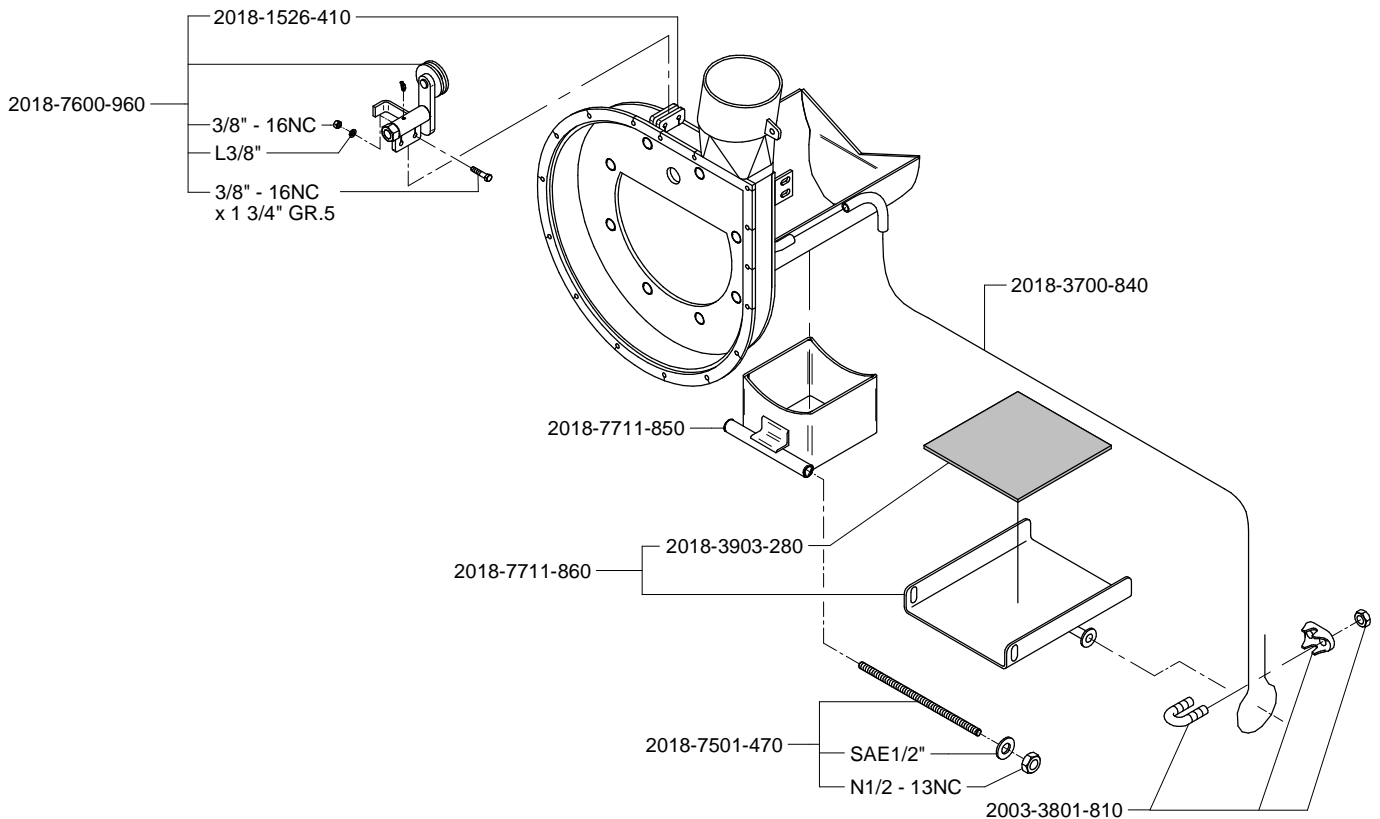
**NOTE:** Heavy-duty axle is mandatory with 850/50 tire.  
850/50 tire is incompatible with 6D 3600, 4000 and 4350 models.



**IMPELLER HOUSING, INTAKE AND FRONT DRAIN STANDARD**

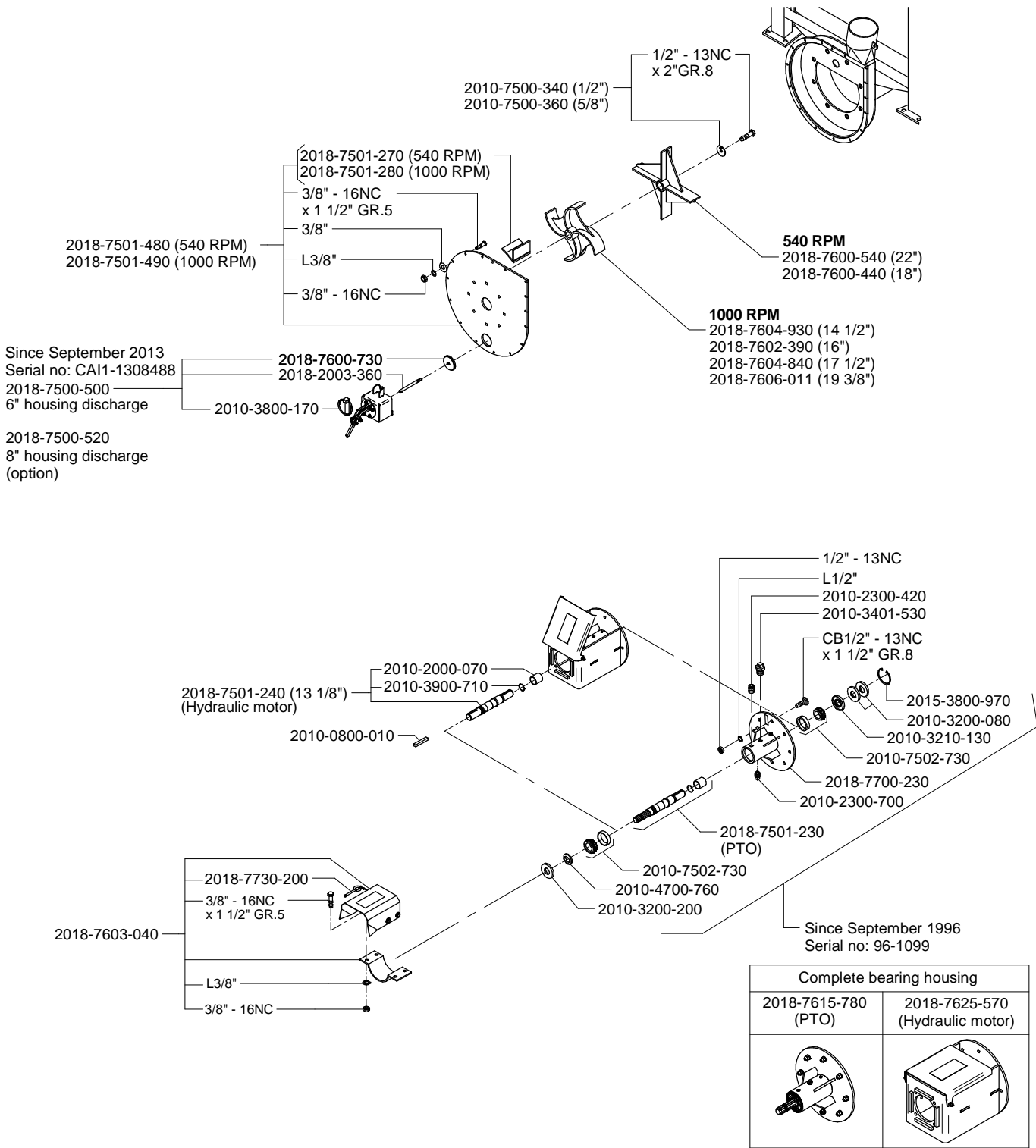


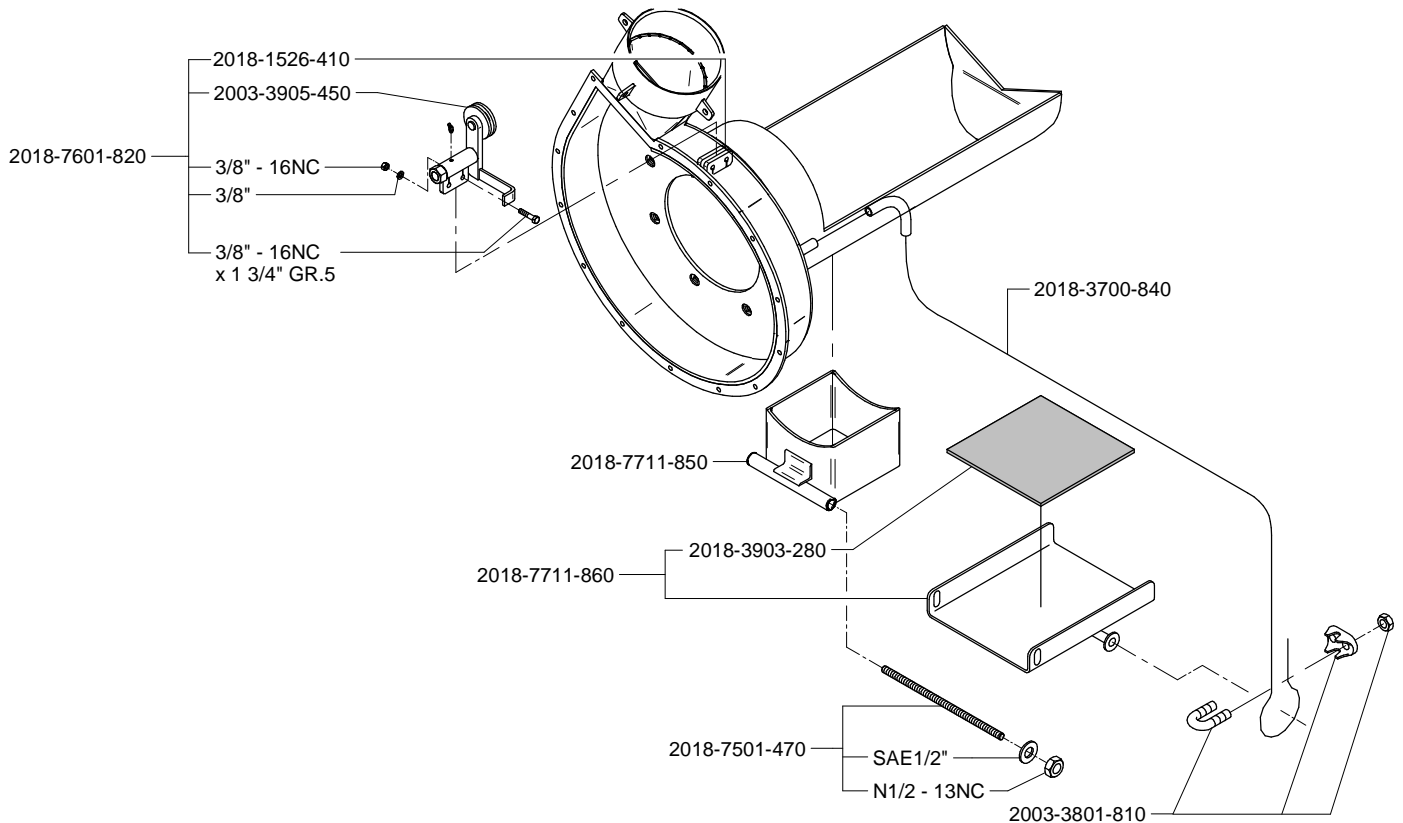
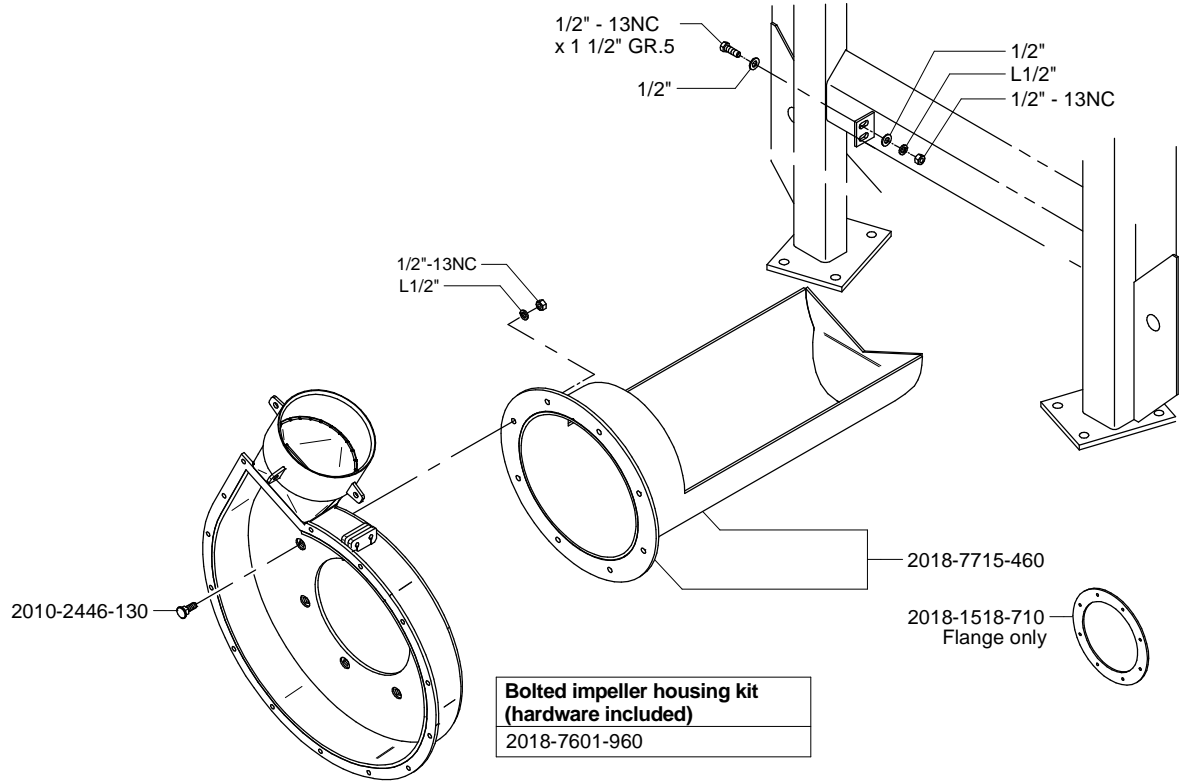
<b>Bolted impeller housing kit (hardware included)</b>
2018-7625-370 (Standard housing)
2018-7625-350 (Housing for nursing kit)
Note: To replace a welded impeller housing, order the corresponding bolted housing kit and the flange 2018-1518-710. The flange will have to be welded to the spreader.



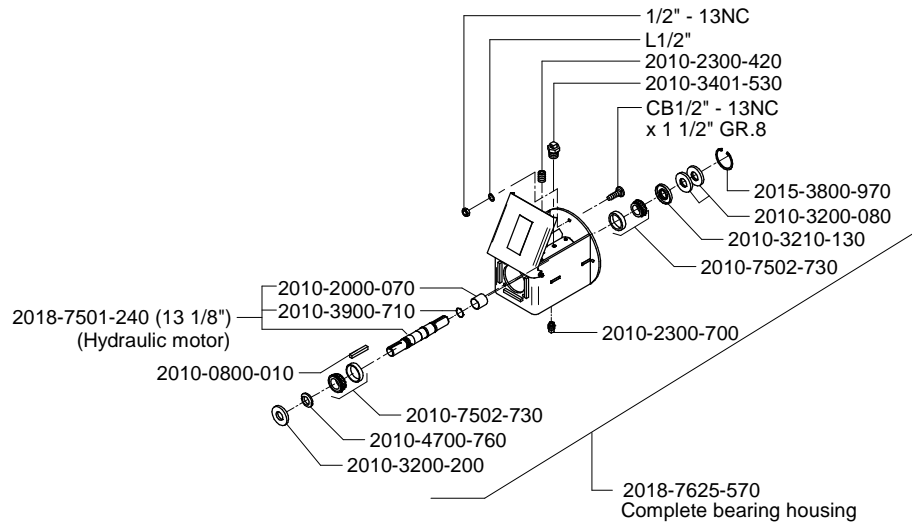
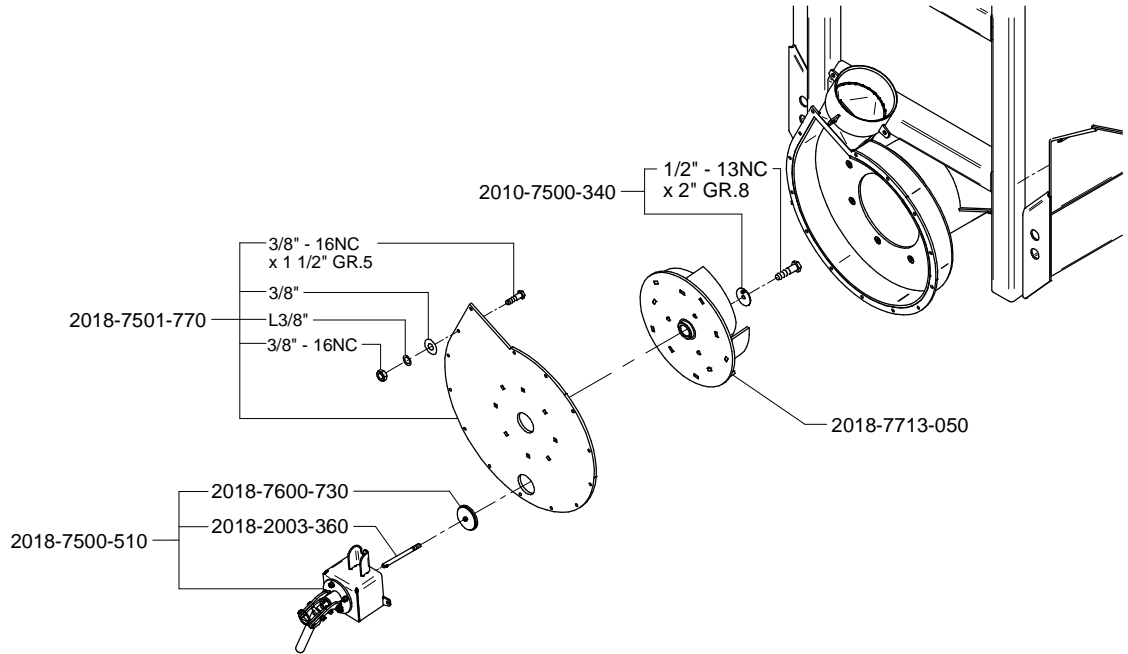
# LIQUID MANURE SPREADER - EL48

## BEARING HOUSING, IMPELLER AND HOUSING COVER PLATE STANDARD

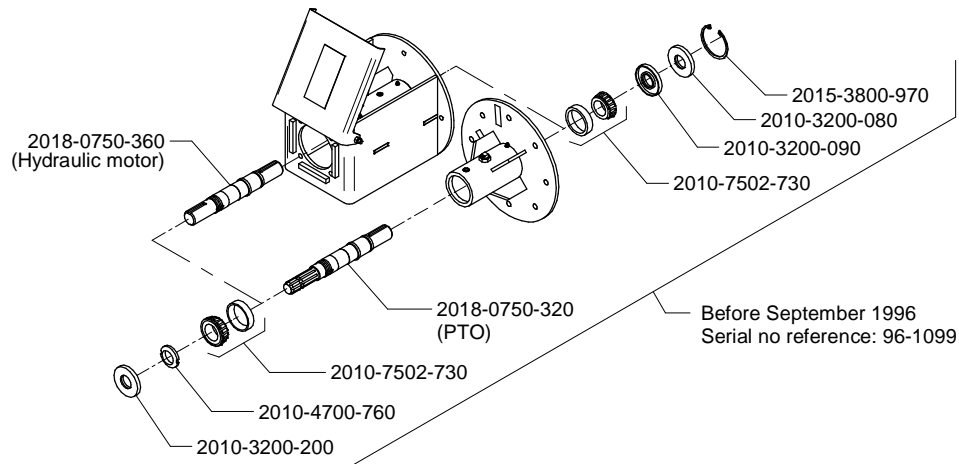
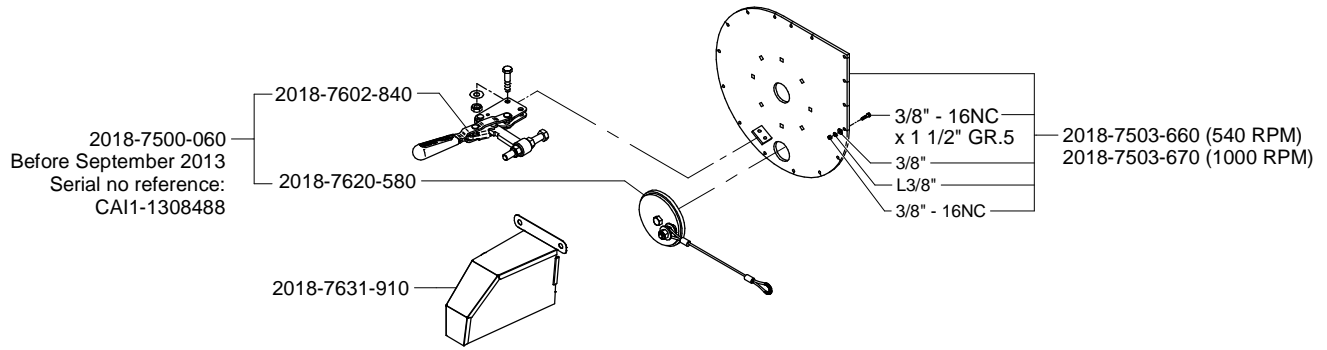




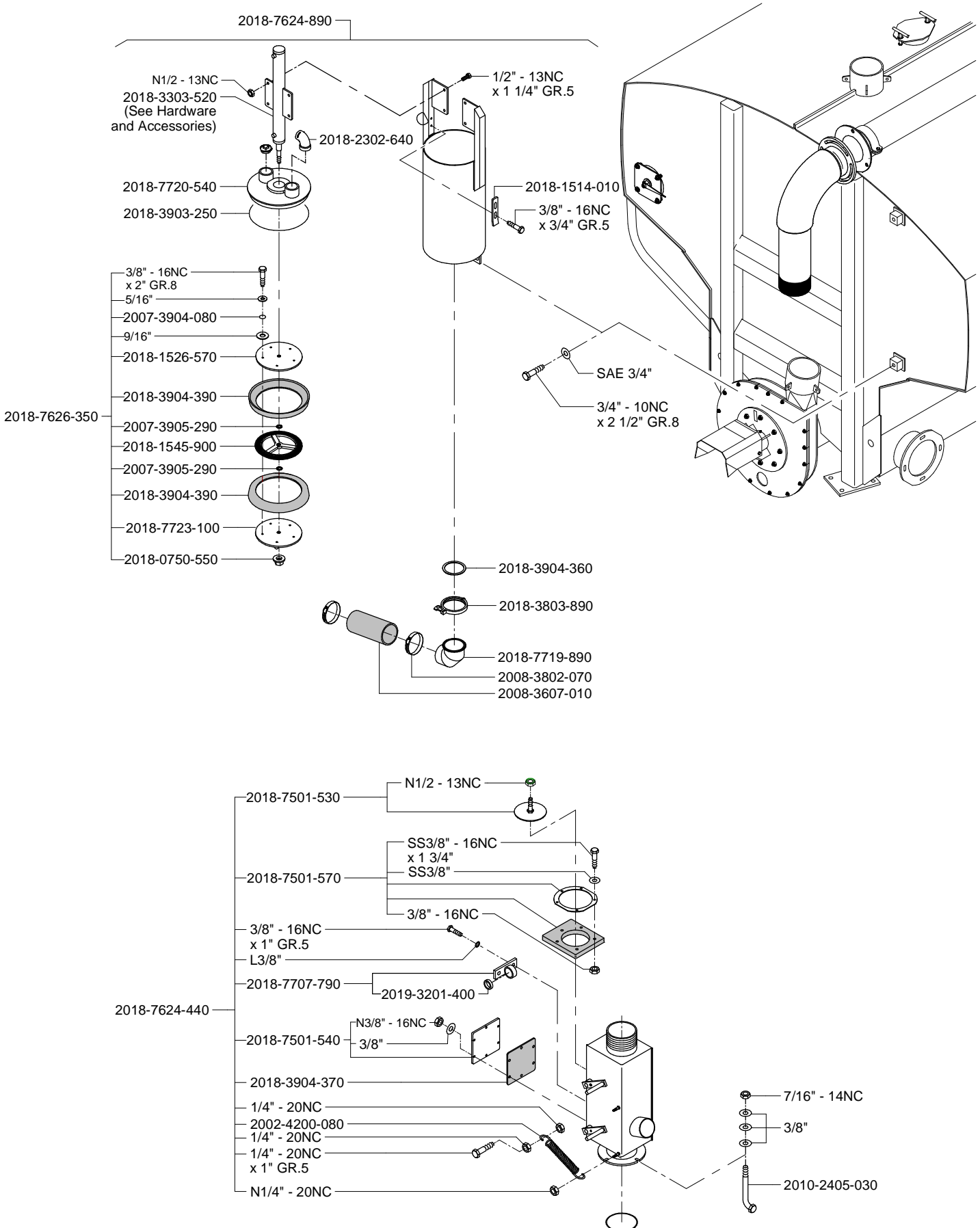
**BEARING HOUSING, IMPELLER, AND HOUSING COVER PLATE HE**

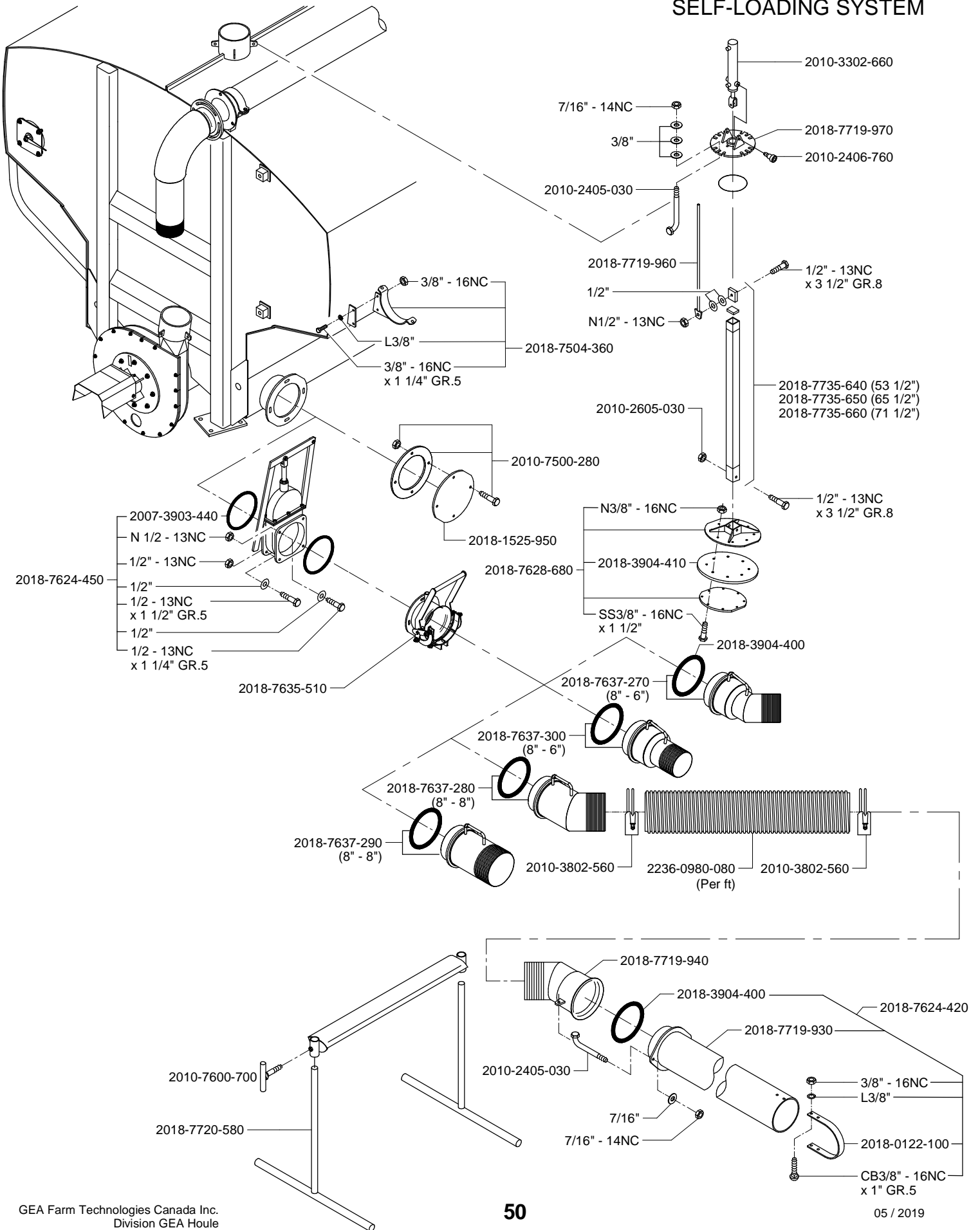


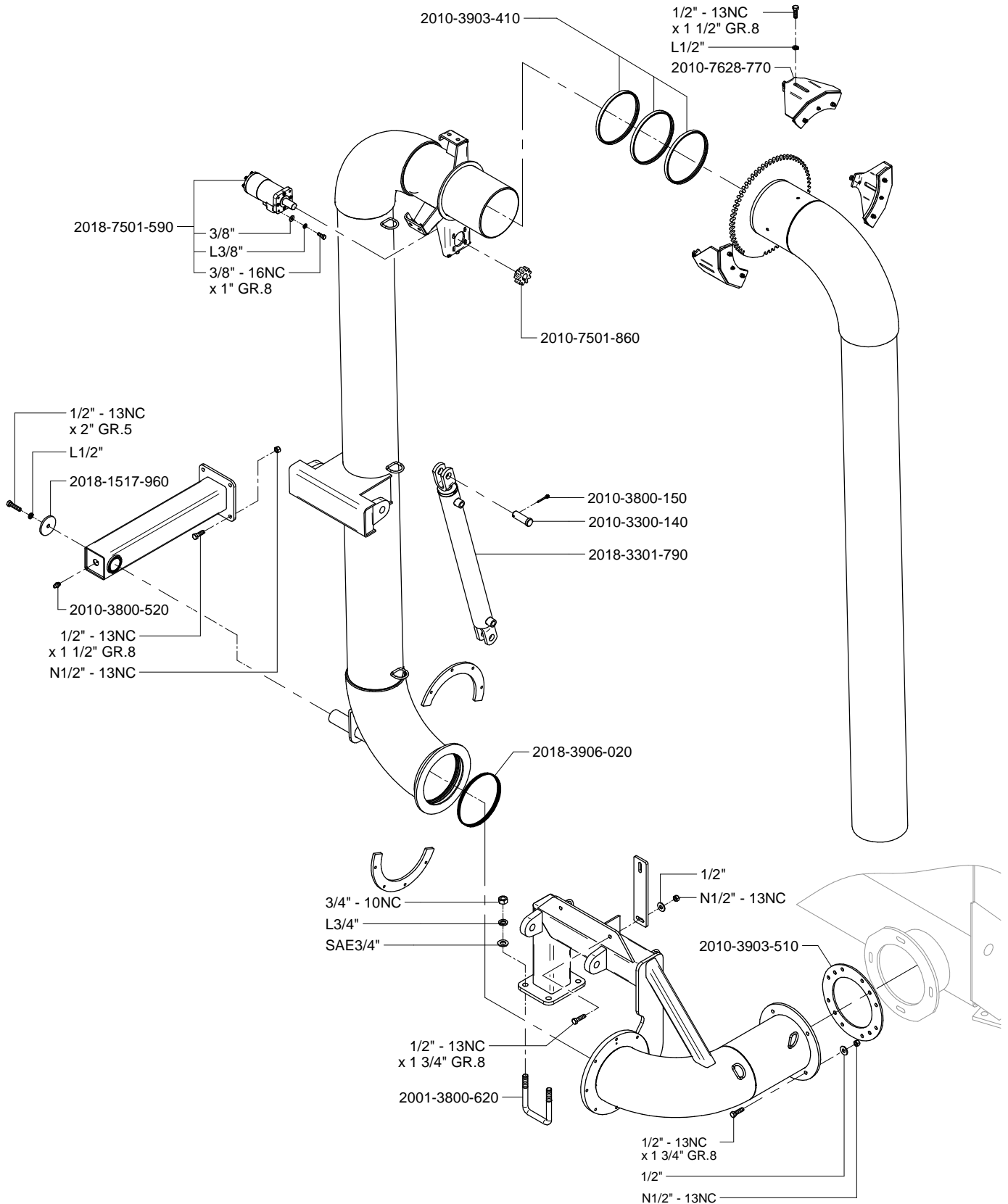
**BEARING HOUSING, PLUG AND HOUSING COVER PLATE  
(OLD MODEL)**



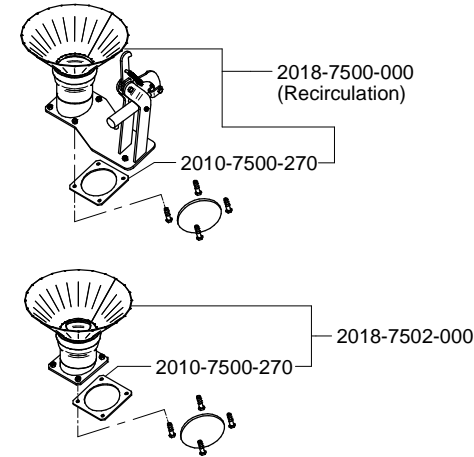








Note: For hydraulic cylinder or motor seal kit replacement, refer to Hardware & Accessories.



**Nursing kit manufactured since April 2014**

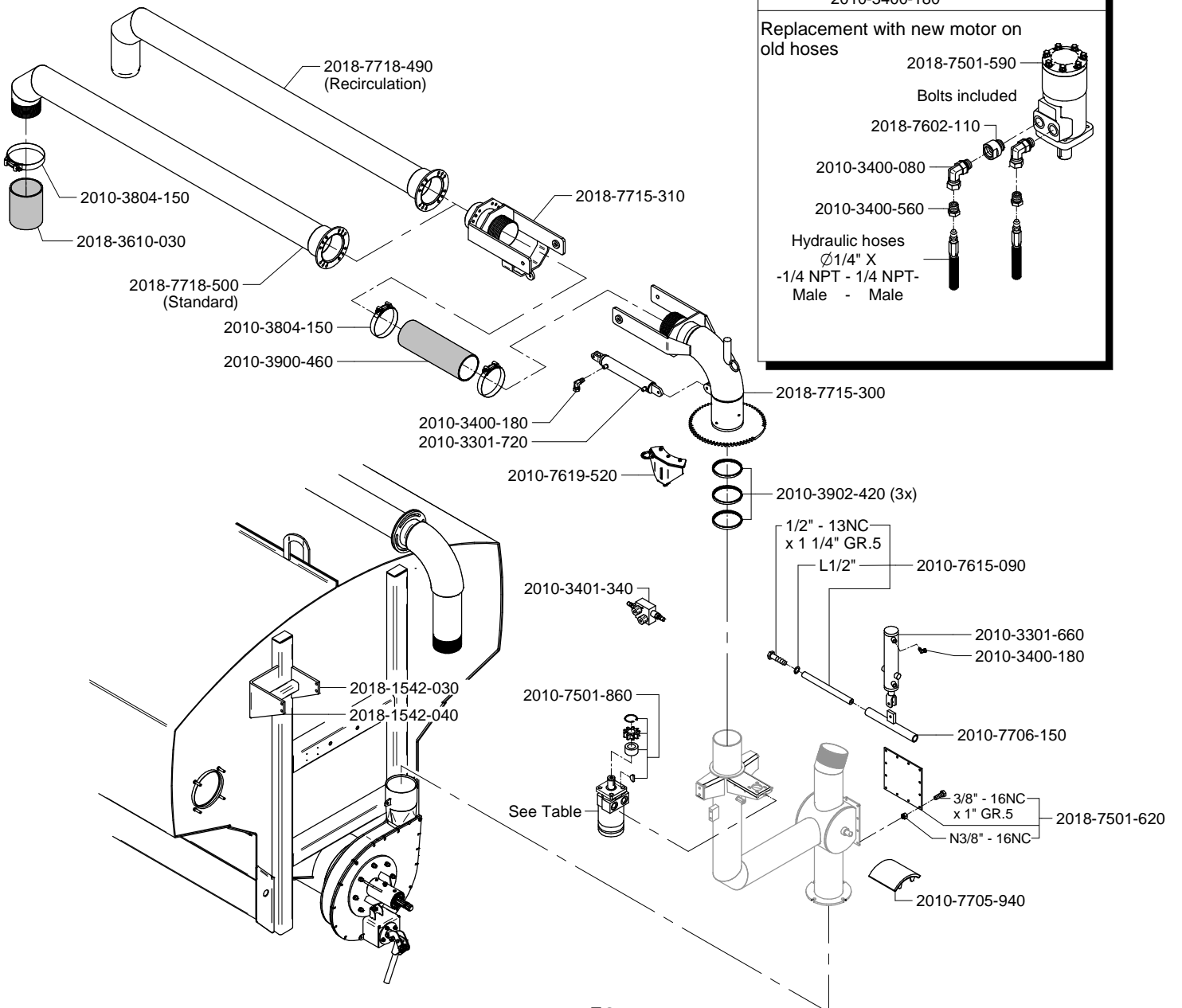
New motor and new hoses  
 2018-7501-590  
 Bolts included  
 2018-7602-110  
 2010-3400-080  
 Hydraulic hoses  
 Ø1/4" X  
 -3/8 NPT - 1/4 NPT-  
 Male - Male

**Nursing kit manufactured before April 2014**

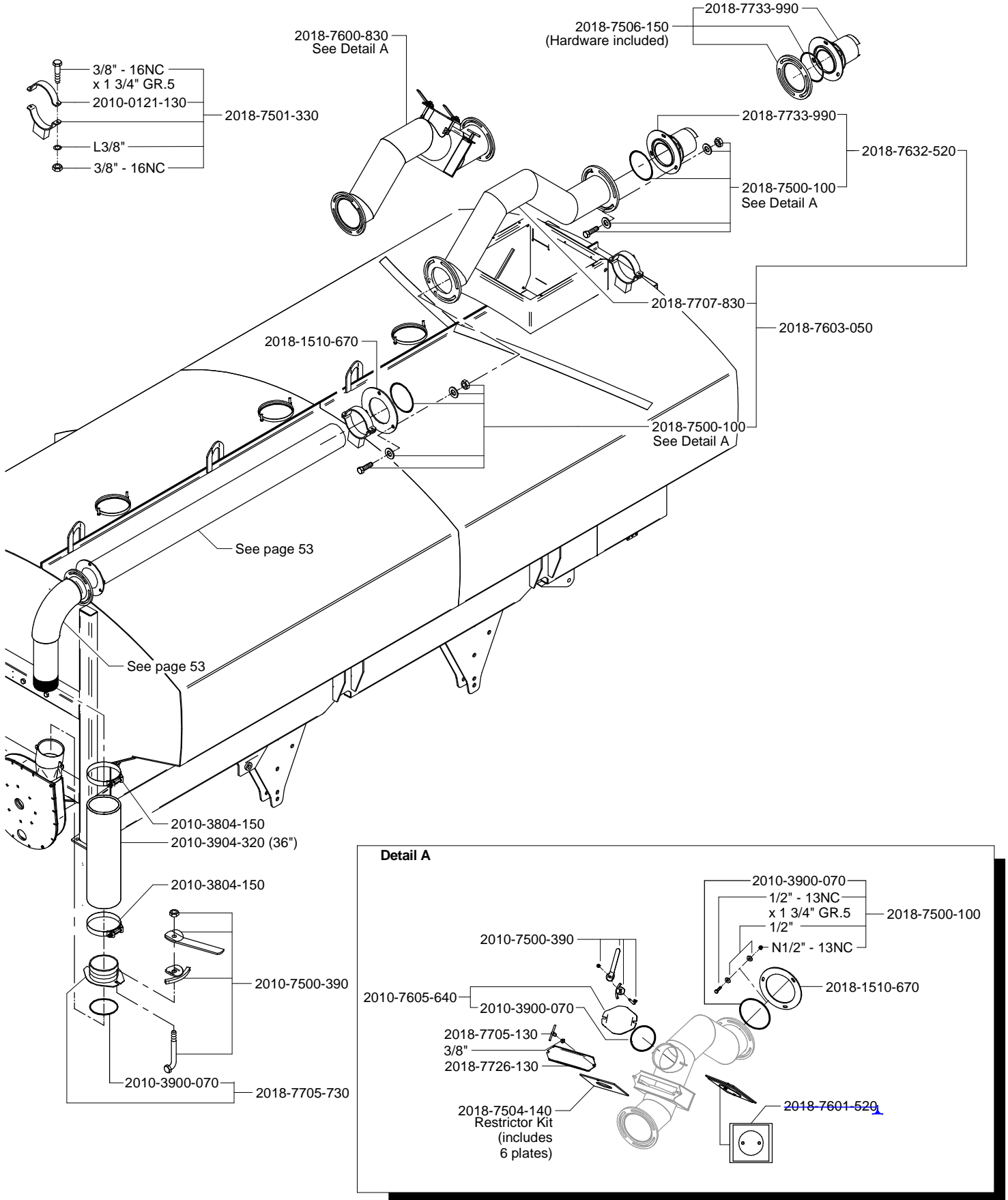
Old motor and old hoses  
 N/A  
 Port: NPT  
 2010-3400-680  
 2018-7718-510  
 Hydraulic hoses  
 Ø1/4" X  
 -1/4 NPT - 1/4 NPT-  
 Male - Male  
 2010-3400-180



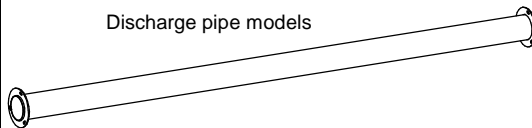
**Replacement with new motor on old hoses**

2018-7501-590  
 Bolts included  
 2018-7602-110  
 2010-3400-080  
 2010-3400-560  
 Hydraulic hoses  
 Ø1/4" X  
 -1/4 NPT - 1/4 NPT-  
 Male - Male



DISCHARGE PIPE 6"

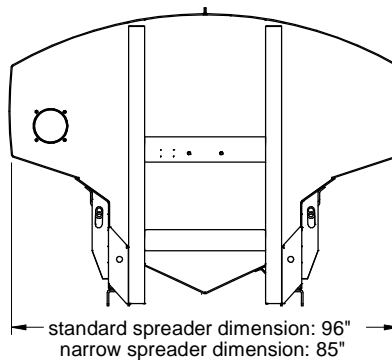


Elbow discharge pipe models				
Spreader model	Length	 6" elbow	 6" self-loading	 Discharge pipe models
EL48-4D-2850 (narrow)	16'	2018-7501-910	2018-7501-940	2018-7713-690
EL48-4D-3200	16'	2018-7501-910	2018-7501-940	2018-7713-690
EL48-4D-3200 (narrow)	18'	2018-7501-910	2018-7501-940	2018-7713-700
EL48-4D-3550 (narrow)	20'	2018-7501-910	2018-7501-940	2018-7713-710
EL48-4D-3600	18'	2018-7501-910	2018-7501-940	2018-7713-700
EL48-4D-4000	20'	2018-7501-910	2018-7501-940	2018-7713-710
EL48-4D-4000 (narrow)	20'	2018-7501-920	2018-7501-940	2018-7713-710
EL48-4D-4350	20'	2018-7501-920	2018-7501-940	2018-7713-710
EL48-4D-4400 (narrow)	22'	2018-7501-920	2018-7501-940	2018-7713-720
EL48-6D-3550 (narrow)	20'	2018-7501-910	2018-7501-940	2018-7713-710
EL48-6D-3600	18'	2018-7501-910	2018-7501-940	2018-7713-700
EL48-6D-4000	20'	2018-7501-910	2018-7501-940	2018-7713-710
EL48-6D-4000 (narrow)	20'	2018-7501-920	2018-7501-940	2018-7713-710
EL48-6D-4350	20'	2018-7501-920	2018-7501-940	2018-7713-710
EL48-6D-4400 (narrow)	22'	2018-7501-910	2018-7501-940	2018-7713-720
EL48-6D-4800	22'	2018-7501-920	2018-7501-940	2018-7713-720
EL48-6D-4800 (narrow)	24'	2018-7501-920	2018-7501-940	2018-7713-730
EL48-6D-5250	24'	2018-7501-920	2018-7501-940	2018-7713-730
EL48-6D-5600 (narrow)	28'	2018-7501-920	2018-7501-940	2018-7713-750
EL48-6D-6000 (narrow)	30'	2018-7501-920	2018-7501-940	2018-7713-760
EL48-6D-6100	28'	2018-7501-920	2018-7501-940	2018-7713-750
EL48-6D-6900	28'	2018-7501-930	2018-7501-940	2018-7713-750
EL48-8D-7400	30'	2018-7501-930	2018-7501-940	2018-7713-760
EL48-8D-7900	32'	2018-7501-930	2018-7501-940	2018-7713-770
EL48-8D-8800	36'	2018-7501-930	2018-7501-940	2018-7713-780

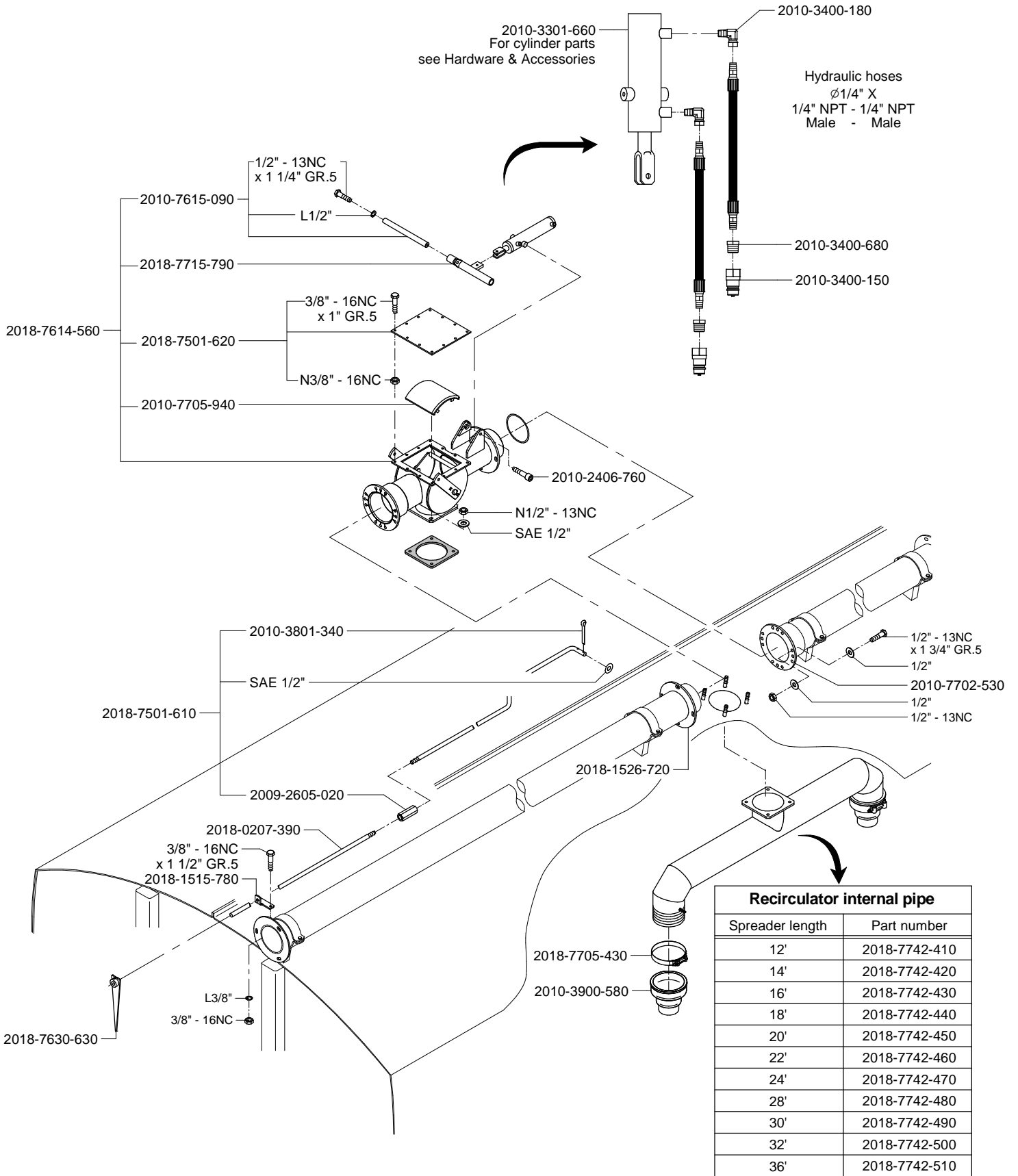


2018-1510-670  
Note: flange to weld on existing pipe.

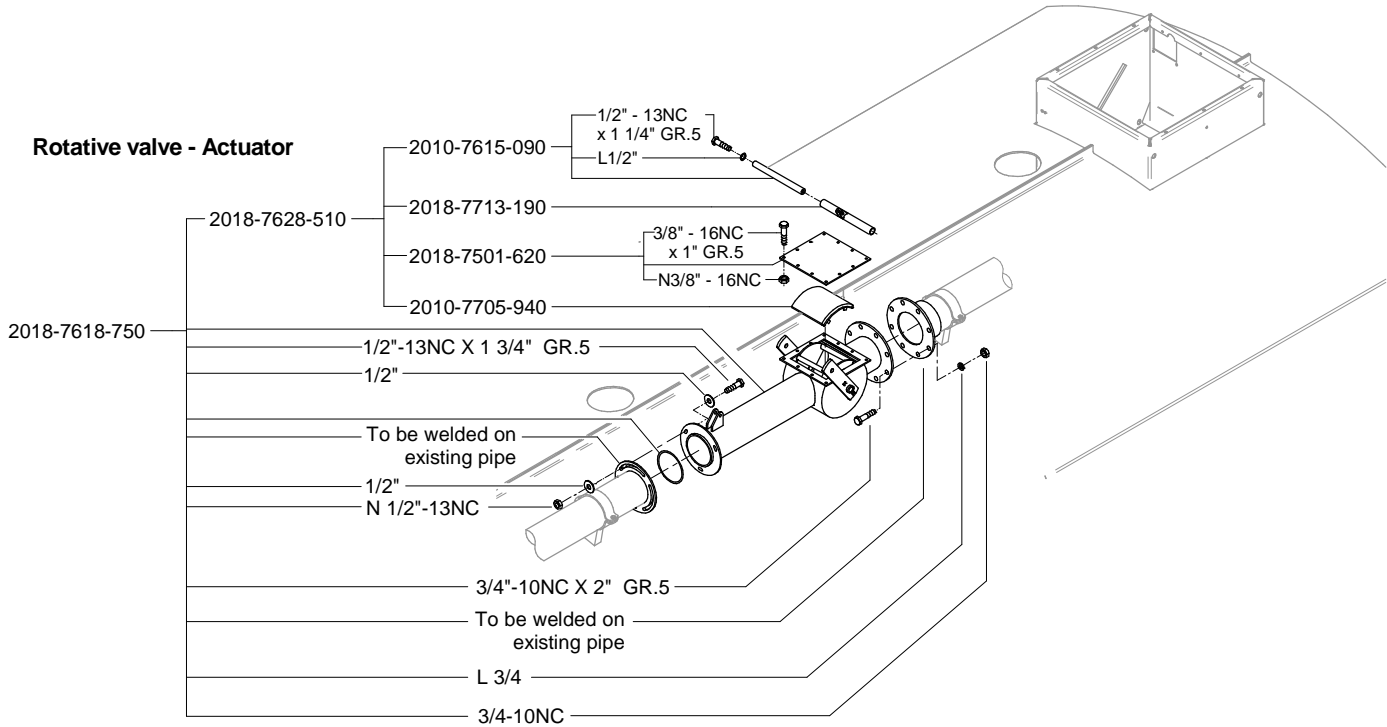
**Detail**



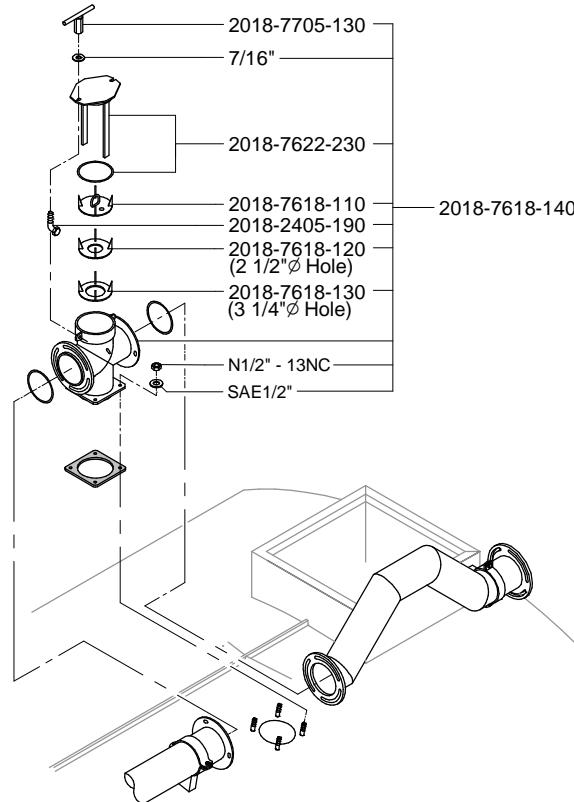
**IN-TANK RECIRCULATION KIT FOR 6" DISCHARGE PIPE**



**ROTATIVE VALVE FOR ACTUATOR AND  
CROSS-SHAPED ADAPTER WITH FLOW RESTRICTOR  
FOR 6" DISCHARGE PIPE**

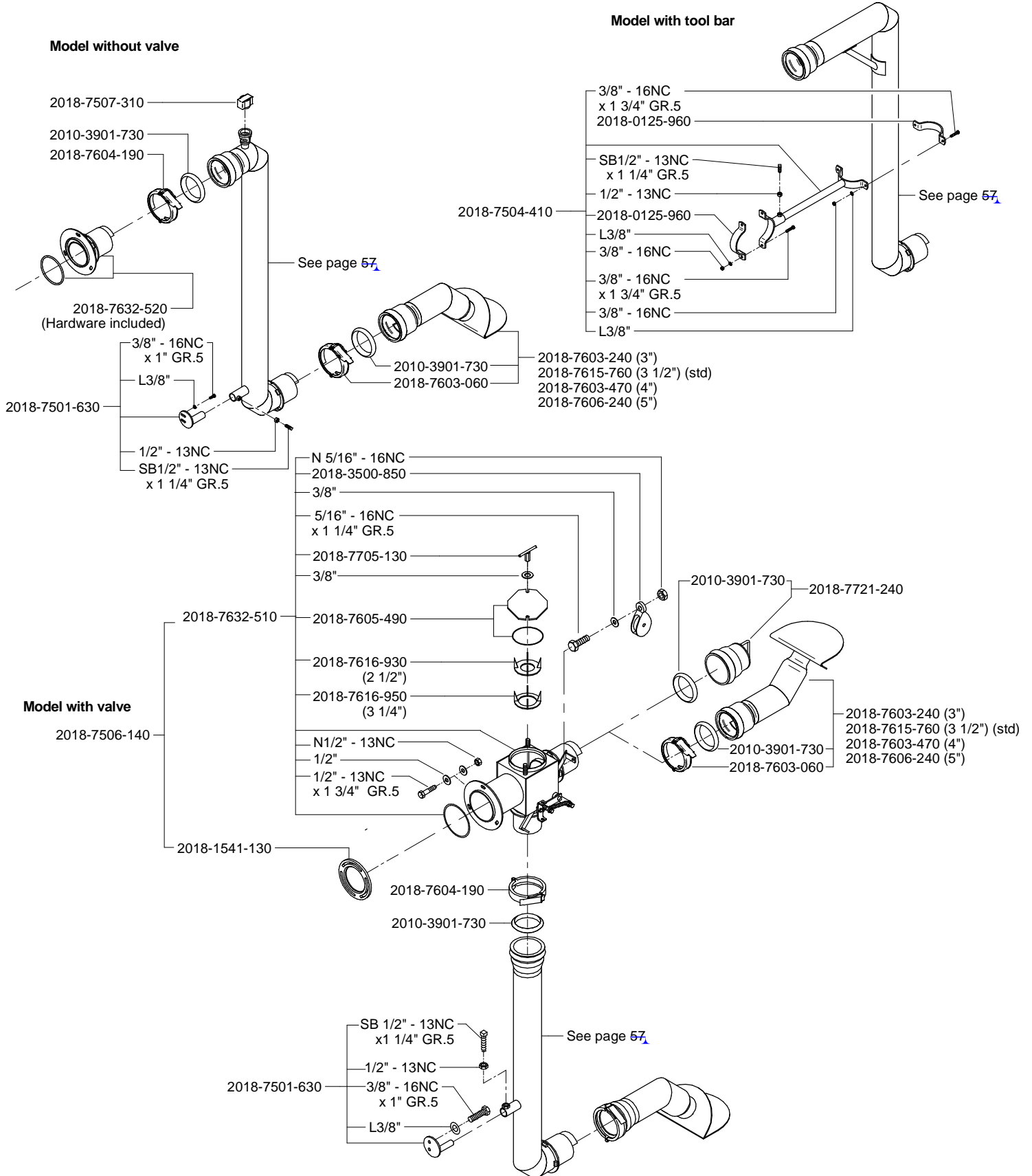


**Cross-shaped adapter  
with flow restrictor**


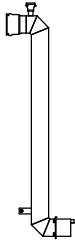
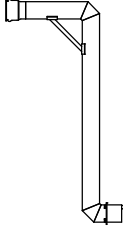
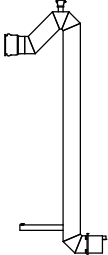



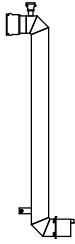
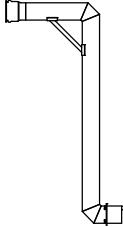


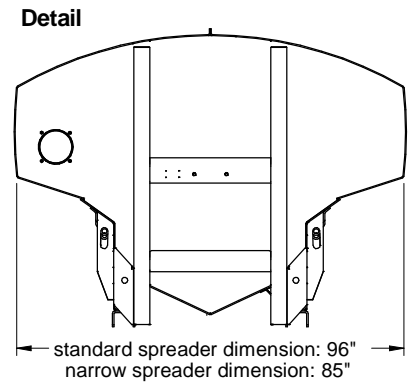
## SPREADING NOZZLE AND DIRECTIONAL VALVE FOR 6" DISCHARGE PIPE

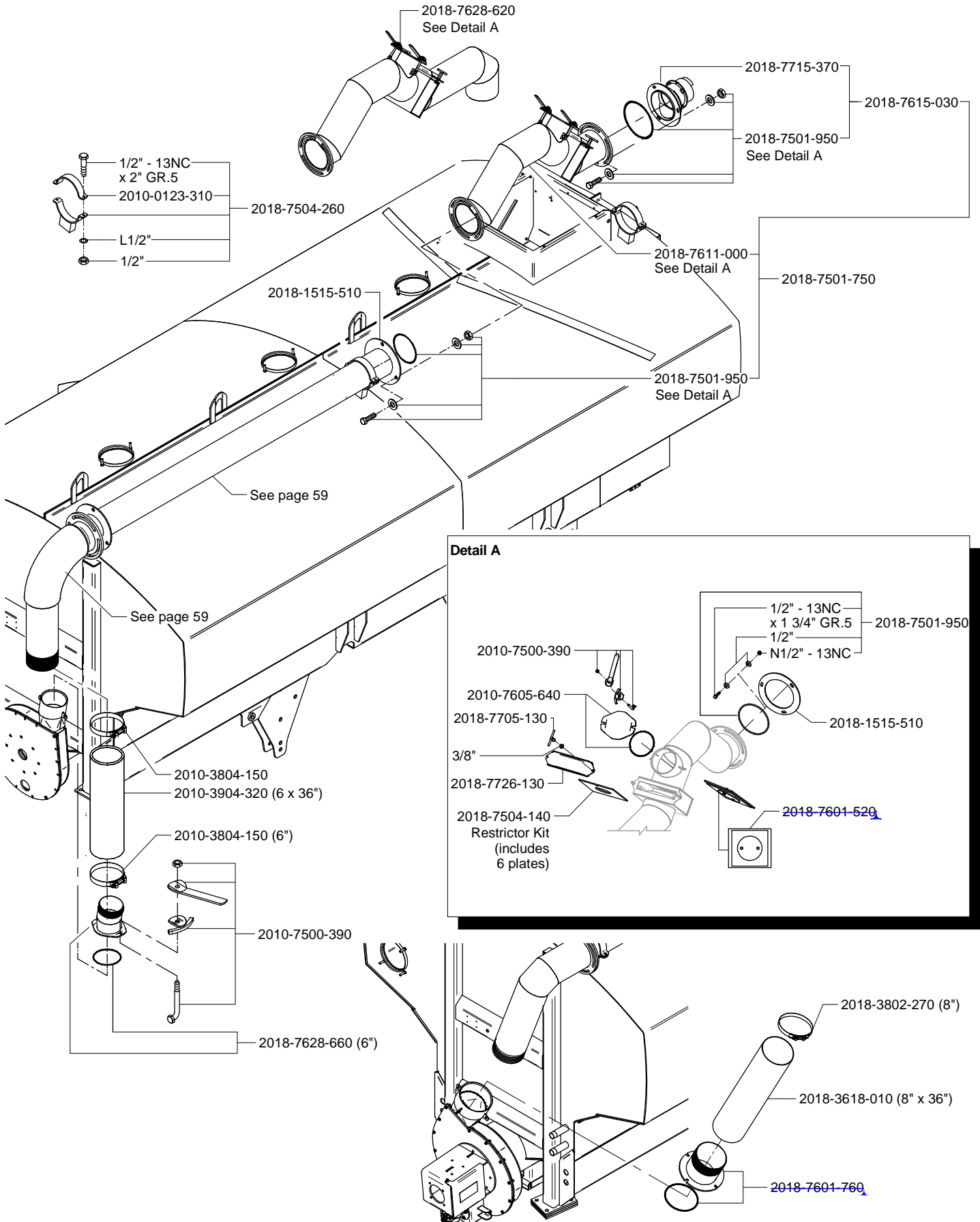




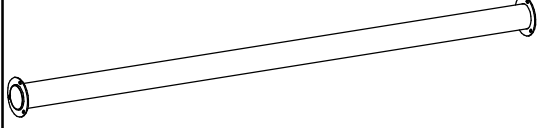
**SPREADING NOZZLE PIPE CHART  
FOR 6" DISCHARGE PIPE**

<b>STANDARD MODEL</b> (See Detail)							
Spreader model	Gallon (UK)	Gallon (US)	Liter	With valve 	Without valve 	With tool bar 	Incorporated anti-syphon 
EL48-4D-3200	3200	3850	14550	2018-7601-040	2018-7601-100	2018-7601-150	2018-7601-330
EL48-4D-3600	3600	4300	16350				
EL48-4D-4000	4000	4800	18200				
EL48-4D-4350	4350	5250	19750				
EL48-6D-3600	3600	4300	16350	2018-7601-370	2018-7601-360	2018-7601-350	2018-7601-340
EL48-6D-4000	4000	4800	18200				
EL48-6D-4350	4350	5250	19750				
EL48-6D-4800	4800	5800	21800				
EL48-6D-5250	5250	6300	23850	2018-7601-370	2018-7601-360	2018-7601-350	2018-7601-340
EL48-6D-6100	6100	7300	27750				
EL48-8D-7400	7400	8900	33650	2018-7601-060	2018-7601-110	2018-7601-170	2018-7601-390
EL48-8D-7900	7900	9500	35900				

<b>NARROW MODEL</b> (See Detail)						
Spreader model	Gallon (UK)	Gallon (US)	Liter	With valve 	Without valve 	With tool bar 
EL48-4D-2850	2850	3400	12850	2018-7601-040	2018-7601-100	2018-7601-150
EL48-4D-3200	3200	3850	14500			
EL48-4D-3550	3550	4250	16100			
EL48-4D-4000	4000	4800	18200			
EL48-4D-4400	4400	5280	20000			
EL48-6D-3550	3550	4250	16100	2018-7601-370	2018-7601-360	2018-7601-350
EL48-6D-4000	4000	4800	18200			
EL48-6D-4400	4400	5280	20000			
EL48-6D-4800	4800	5800	21800			
EL48-6D-5600	5600	6700	25450			
EL48-6D-6000	6000	7200	27300			



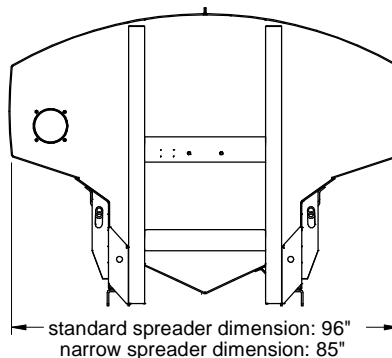


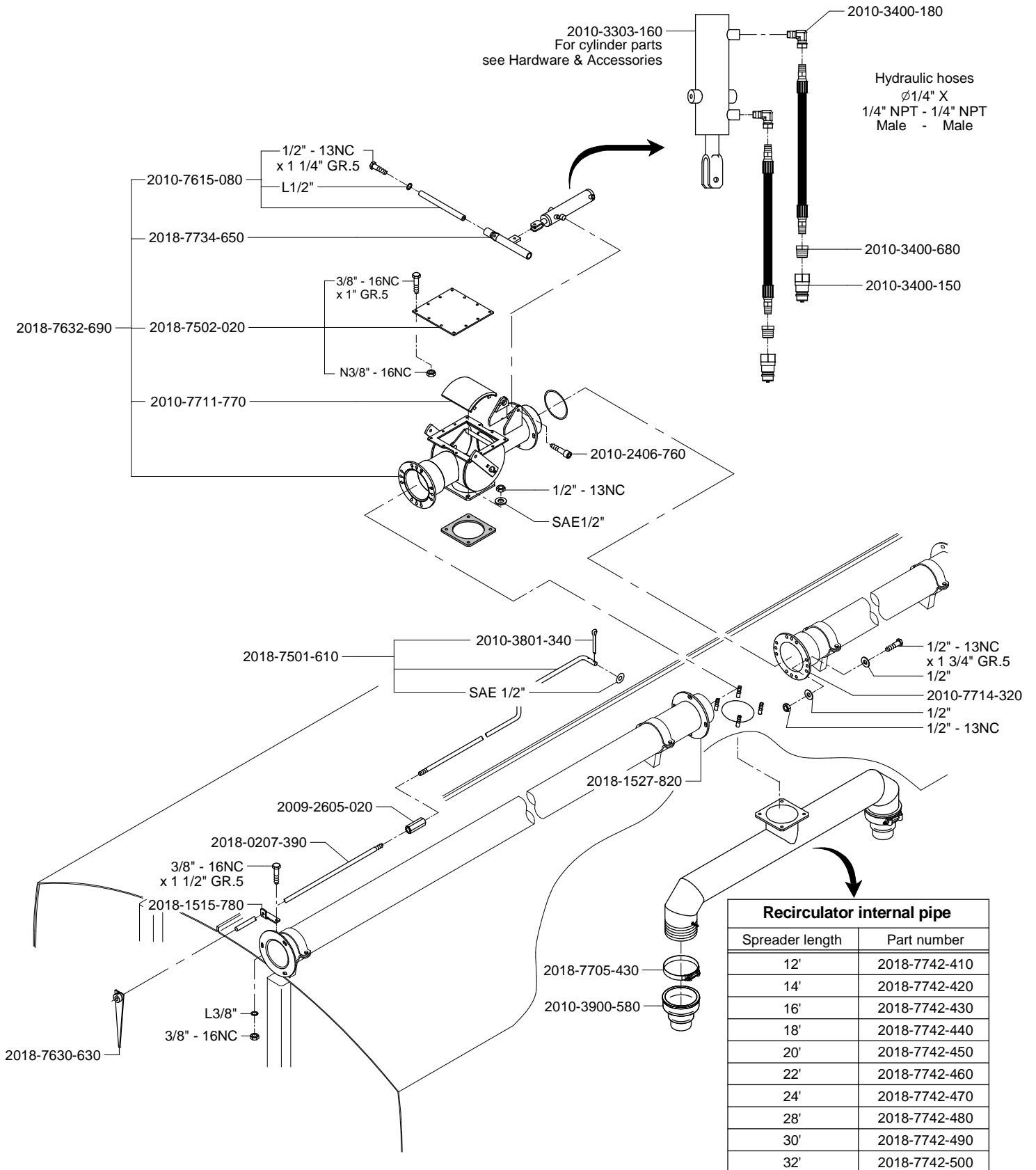
Elbow discharge pipe models				
Spreader model	Length	 8" option or 38' tow-bar	 HE impeller	 Discharge pipe models
EL48-4D-2850 (narrow)	16'	2018-7501-960	na.	2018-7713-400
EL48-4D-3200	16'	2018-7501-960	na.	2018-7713-400
EL48-4D-3200 (narrow)	18'	2018-7501-960	na.	2018-7713-410
EL48-4D-3550 (narrow)	20'	2018-7501-960	na.	2018-7713-420
EL48-4D-3600	18'	2018-7501-960	2018-7501-990	2018-7713-410
EL48-4D-4000	20'	2018-7501-960	na.	2018-7713-420
EL48-4D-4000 (narrow)	20'	2018-7501-970	2018-7501-200	2018-7713-420
EL48-4D-4350	20'	2018-7501-970	na.	2018-7713-420
EL48-4D-4400 (narrow)	22'	2018-7501-970	2018-7501-200	2018-7713-430
EL48-6D-3550 (narrow)	20'	2018-7501-960	na.	2018-7713-420
EL48-6D-3600	18'	2018-7501-960	na.	2018-7713-410
EL48-6D-4000	20'	2018-7501-960	na.	2018-7713-420
EL48-6D-4000 (narrow)	20'	2018-7501-970	na.	2018-7713-420
EL48-6D-4350	20'	2018-7501-970	na.	2018-7713-420
EL48-6D-4400 (narrow)	22'	2018-7501-960	2018-7501-200	2018-7713-430
EL48-6D-4800	22'	2018-7501-970	na.	2018-7713-430
EL48-6D-4800 (narrow)	24'	2018-7501-970	2018-7501-200	2018-7713-440
EL48-6D-5250	24'	2018-7501-970	2018-7501-200	2018-7713-440
EL48-6D-5600 (narrow)	28'	2018-7501-970	2018-7501-200	2018-7713-450
EL48-6D-6000 (narrow)	30'	2018-7501-970	2018-7501-200	2018-7713-460
EL48-6D-6100	28'	2018-7501-970	2018-7501-200	2018-7713-450
EL48-6D-6900	28'	2018-7501-980	na.	2018-7713-450
EL48-8D-7400	30'	2018-7501-980	na.	2018-7713-460
EL48-8D-7900	32'	2018-7501-980	2018-7501-210	2018-7713-470
EL48-8D-8800	36'	2018-7501-980	2018-7501-210	2018-7713-480

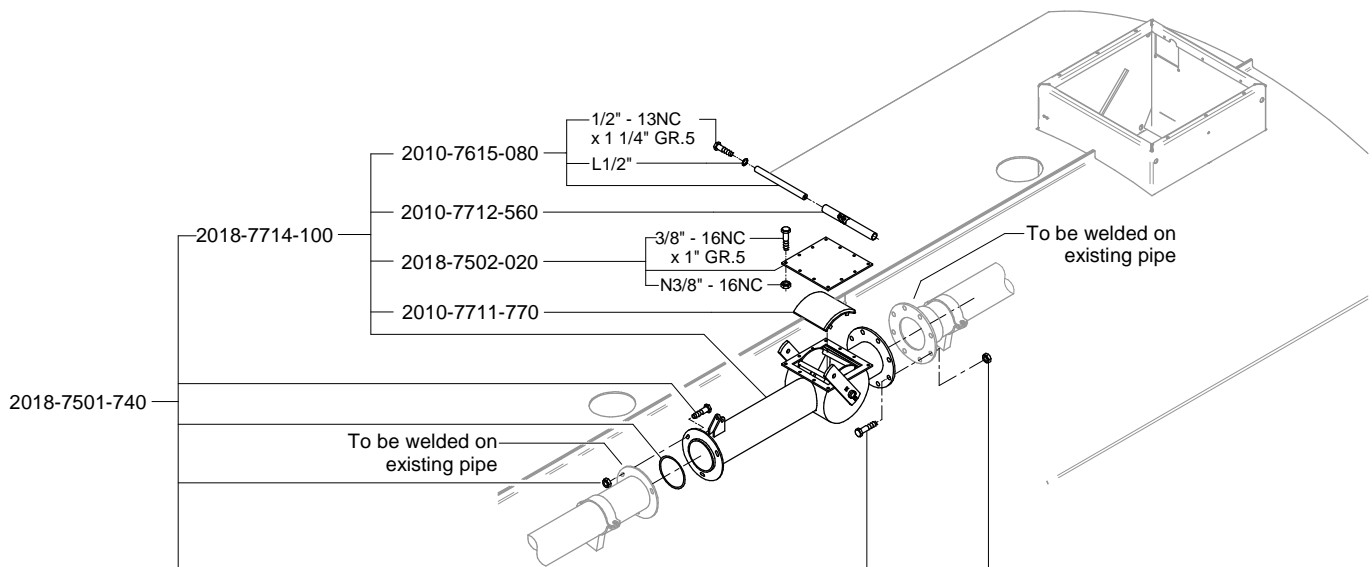


2018-1515-510  
Note: flange to weld  
on existing pipe.

**Detail**

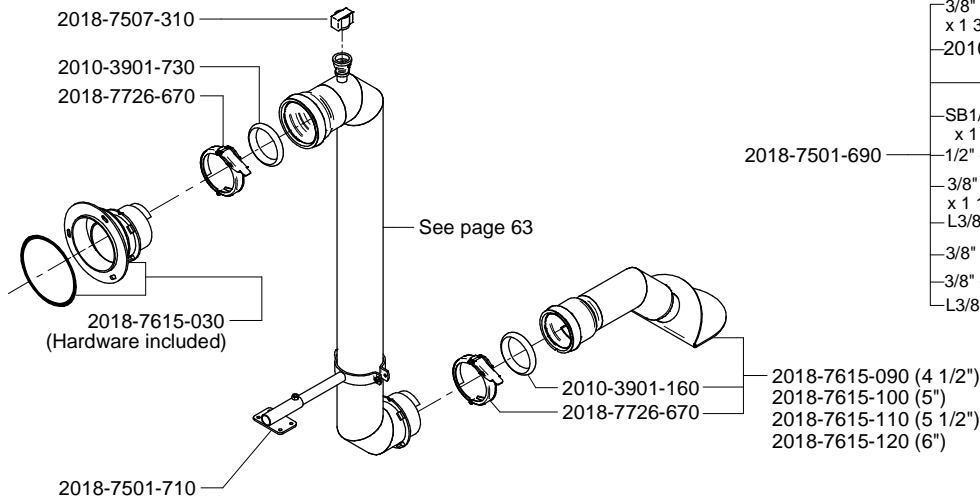




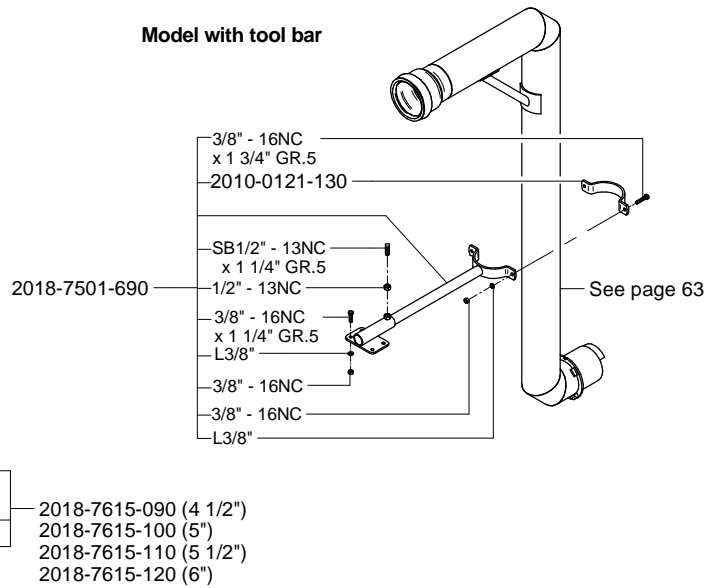


## SPREADING NOZZLE AND DIRECTIONAL VALVE FOR 8" DISCHARGE PIPE

### Model without valve

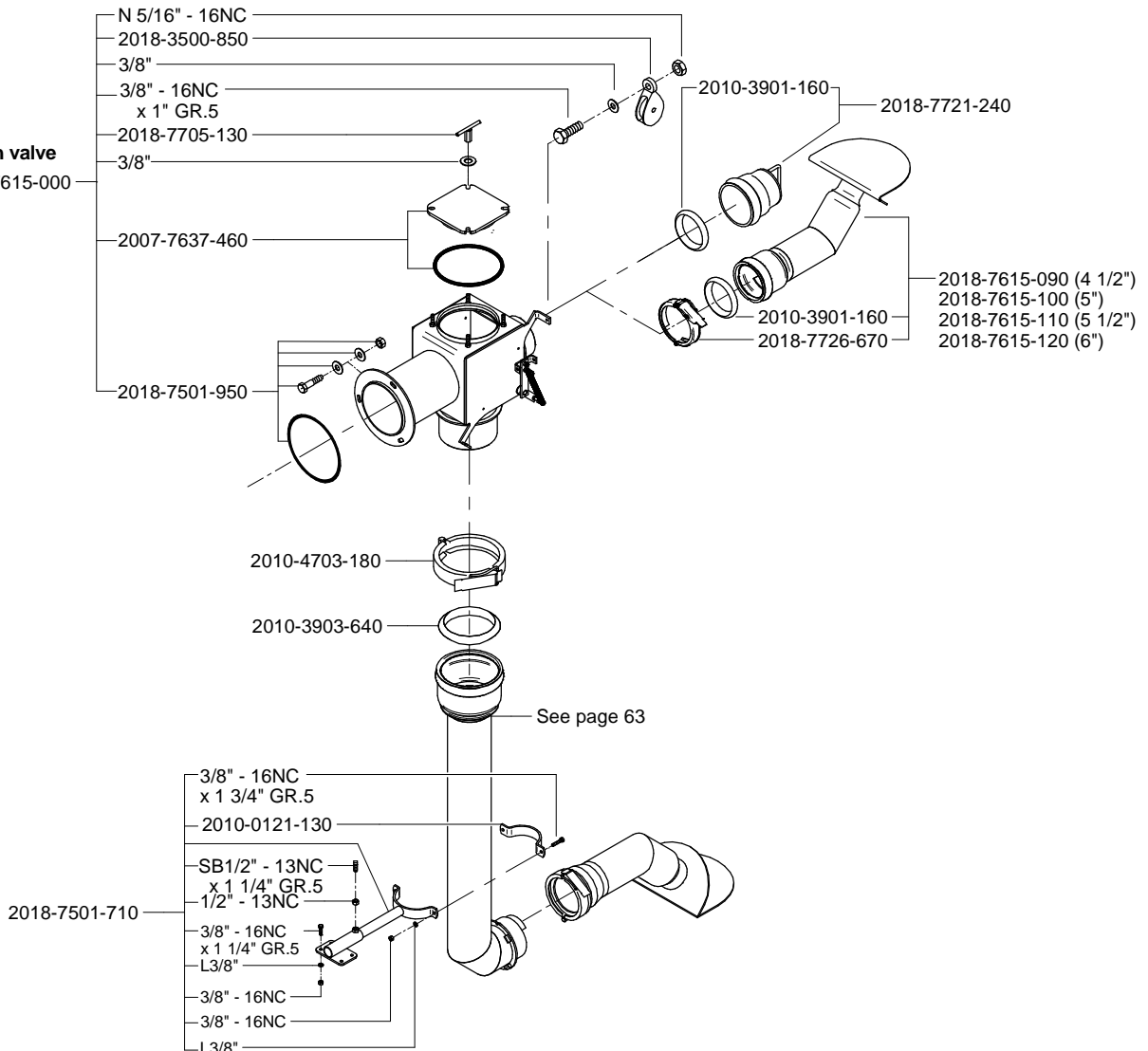


### Model with tool bar


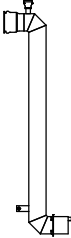
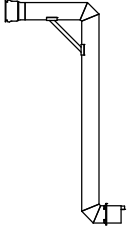


### Model with valve

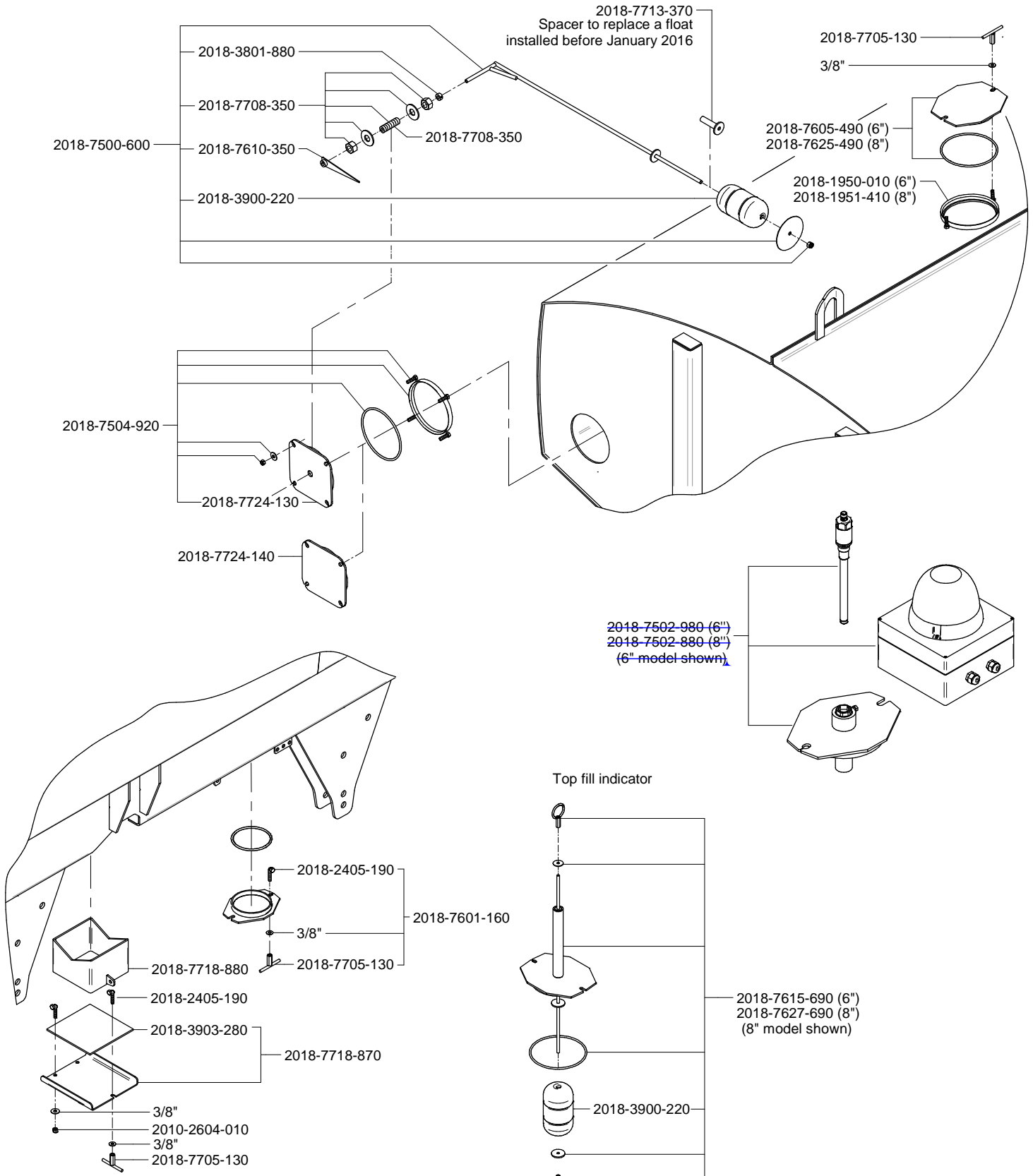
2018-7615-000



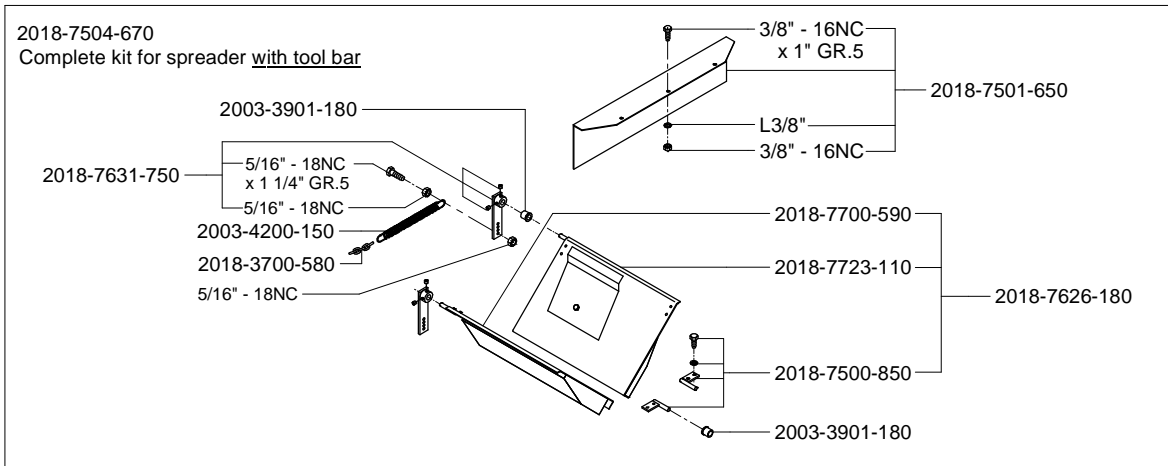
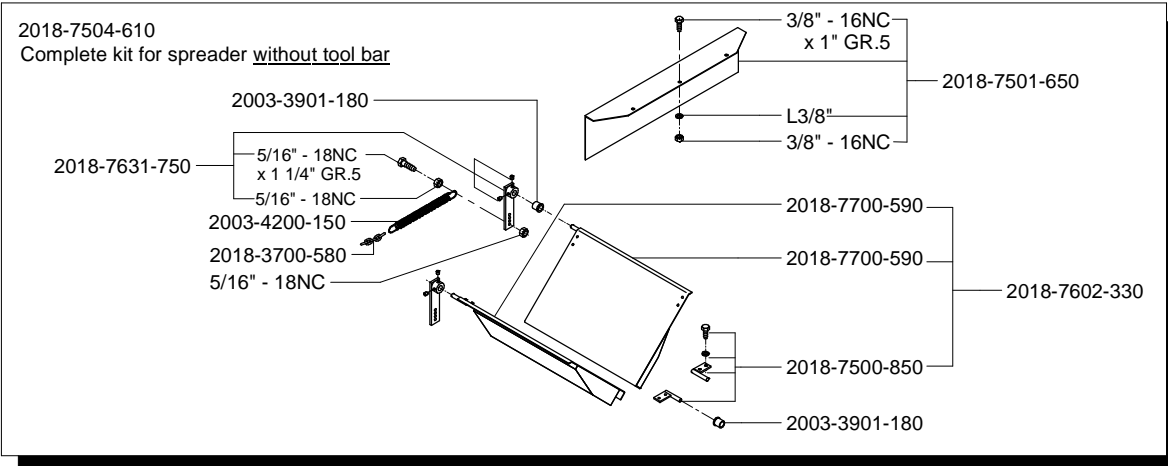
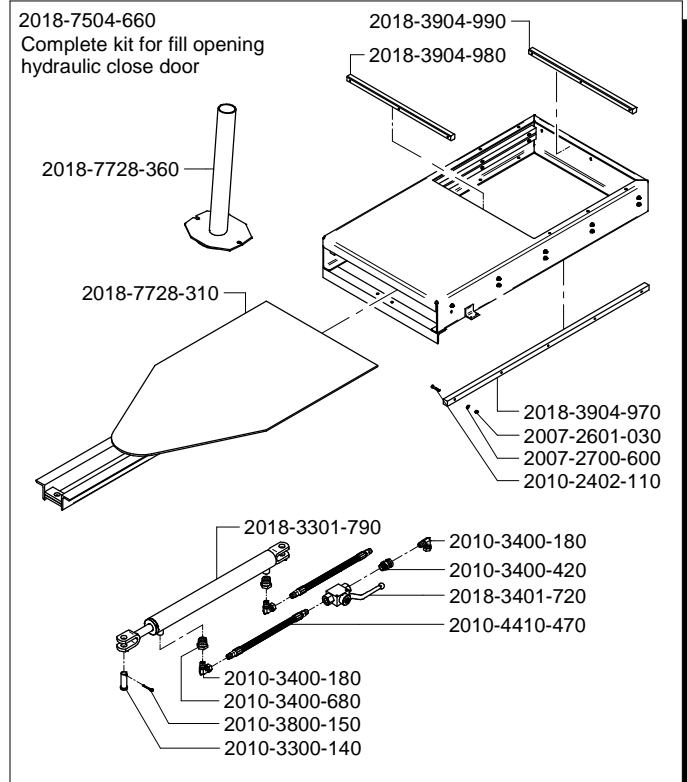
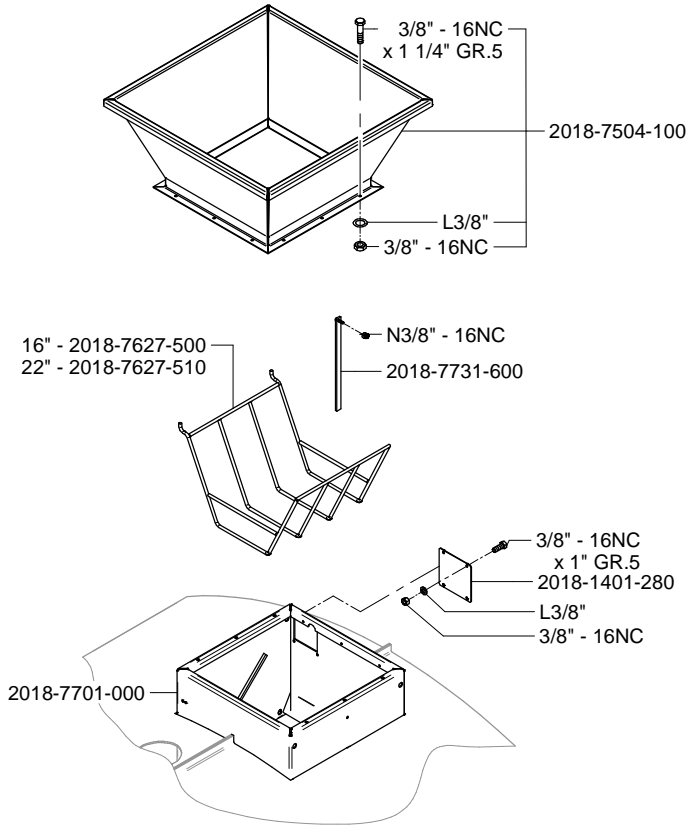
**SPREADING NOZZLE PIPE CHART  
FOR 8" DISCHARGE PIPE**

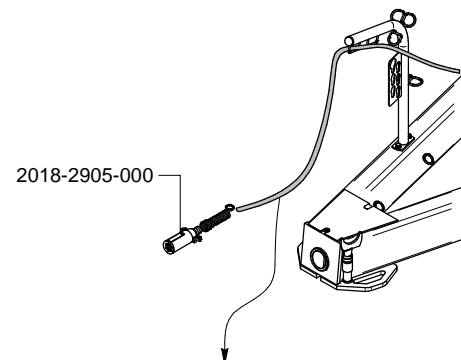
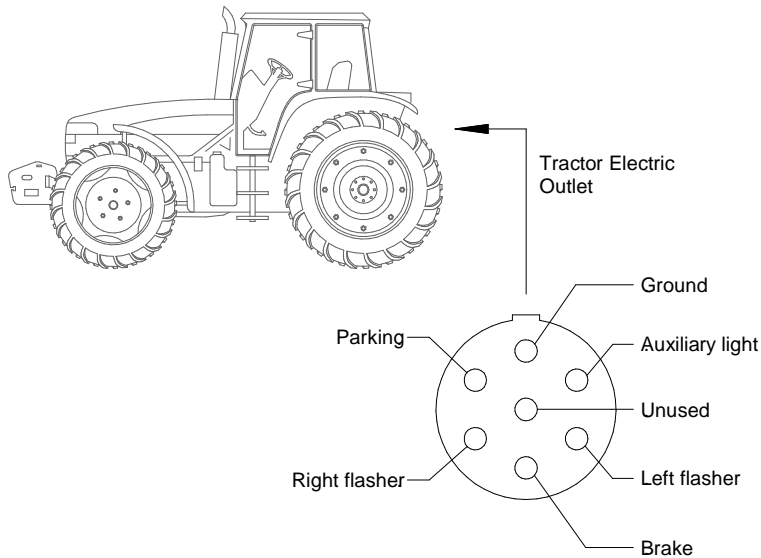
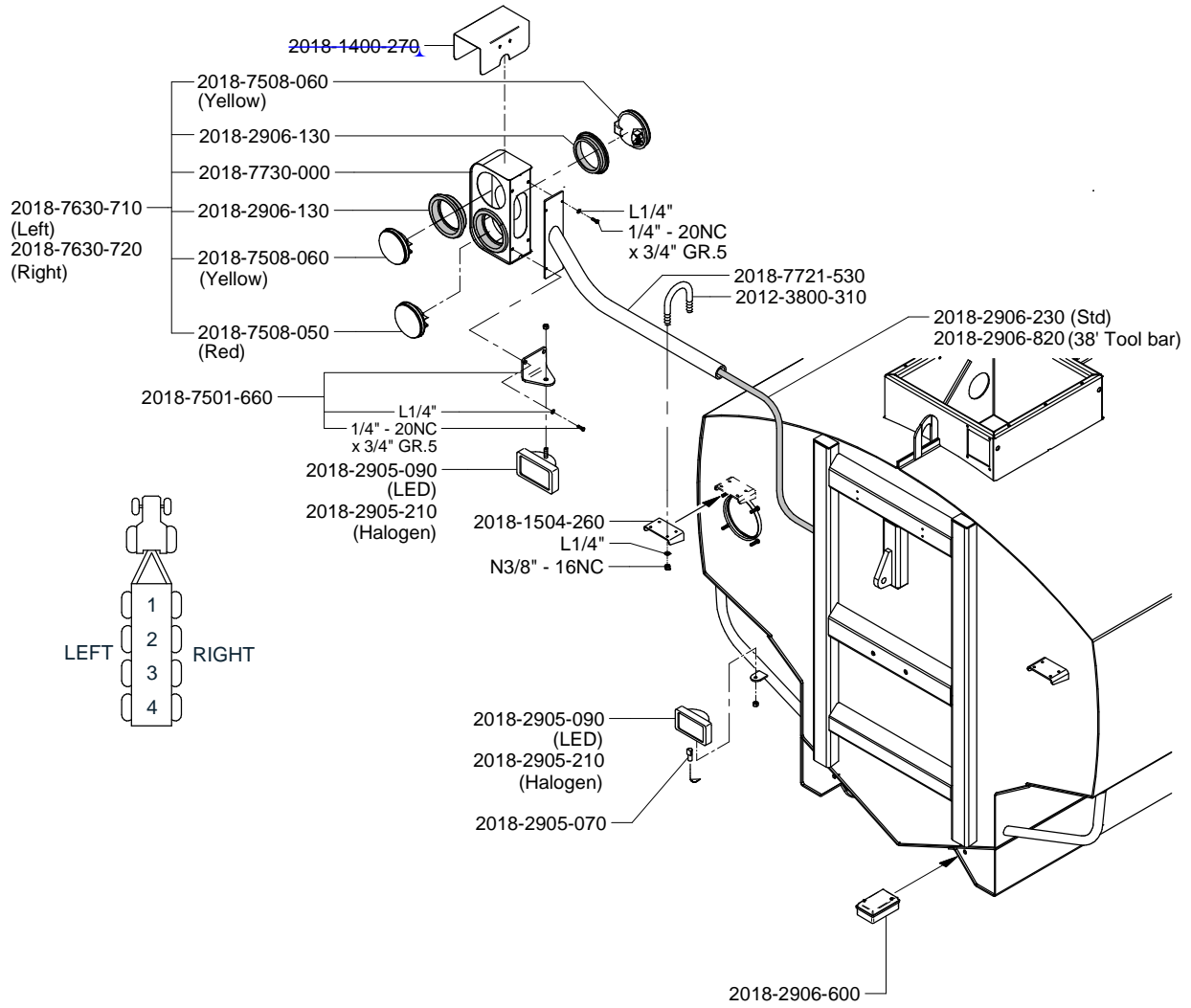
Spreader model	Gallon (UK)	Gallon (US)	Liter	With valve	Without valve	With tool bar
						
EL48-4D-3600	3600	4300	16350	2018-7602-000	2018-7602-020	2018-7602-010
EL48-4D-4000	4000	4800	18200			
EL48-4D-4400	4400	5300	20000			
EL48-6D-4400	4400	5300	20000	2018-7602-000	2018-7602-020	2018-7602-010
EL48-6D-4800	4800	5800	21800			
EL48-6D-5250	5250	6300	23850			
EL48-6D-5600	5600	6700	25500			
EL48-6D-6000	6000	7200	27275			
EL48-6D-6100	6100	7300	27750			
EL48-8D-7900	7900	9500	35900	2018-7602-140	2018-7602-180	2018-7602-160
EL48-8D-8800	8800	10500	40000			





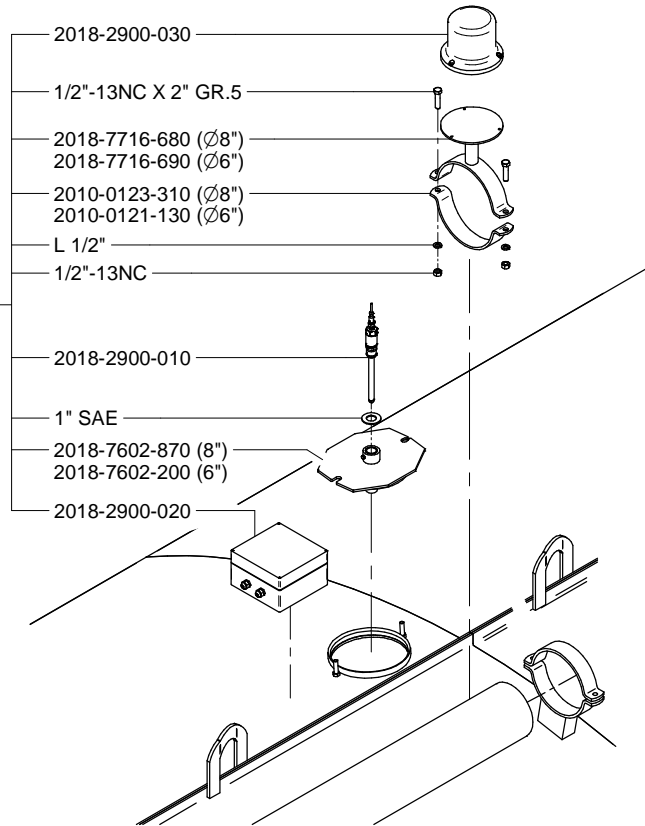
FILL OPENING

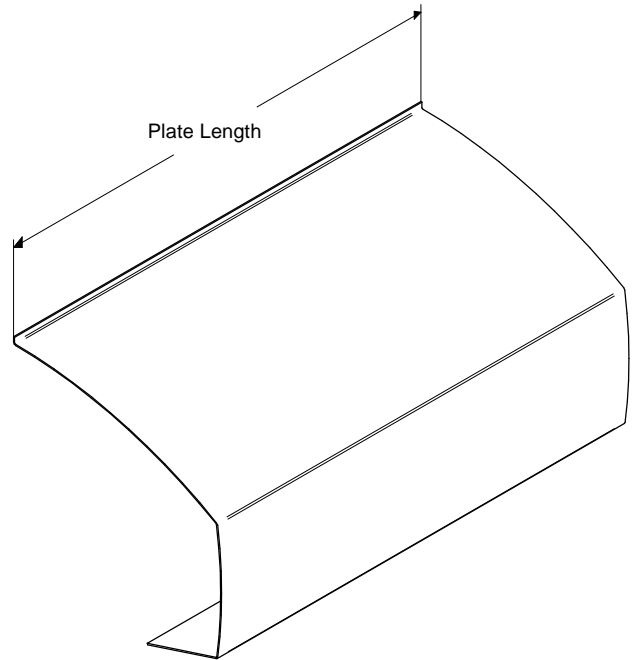
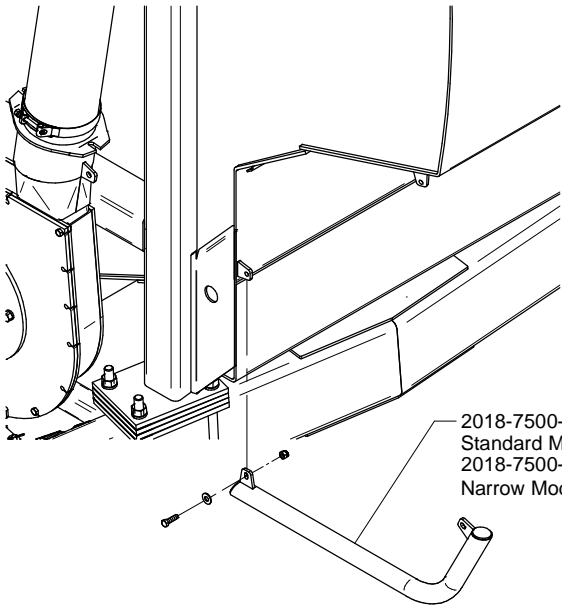




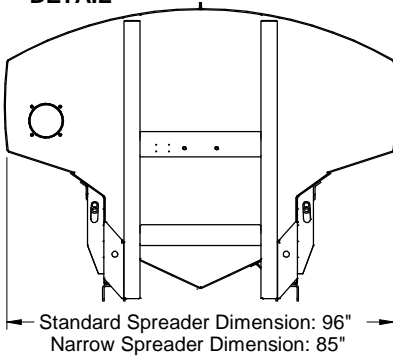
Signal light cable (plug not included)	
Spreader length	Part number
12' - 16'	2018-2906-170
18' - 20'	2018-2906-180
22' - 24'	2018-2906-190
28'	2018-2906-200
30' - 32'	2018-2906-210
36'	2018-2905-260

#	LID	PIPE
2018-7502-880	8"	8"
2018-7502-980	8"	6"
2018-7502-190	6"	8"
2018-7502-200	6"	6"





**DETAIL**



<b>STANDARD SPREADER (See detail)</b>					
Spreader Model				Plate Length	
Spreader Model	Gallon (UK)	Gallon (US)	Liters	steel 1/4" 6 ft	stainless steel. 5 ft
EL48-6D-5250	5250	6300	23850	2018-1560-540	2018-2001-200
EL48-6D-6100	6100	7300	27750	2018-1560-540	2018-2000-200
EL48-8D-7400	4832	5800	22050	2018-1560-690	N/A
EL48-8D-7900	7900	9500	35900	2018-1560-690	2018-2002-680
EL48-8D-8800	8800	10570	40000	N/A	2018-2002-680

<b>NARROW SPREADER (See Detail)</b>					
Capacity				Plate Length	
Spreader Model	Gallon (UK)	Gallon (US)	Liters	steel 1/4" 6 ft	stainless steel. 5 ft
EL48-4D-3600	3600	4300	16400	2018-1560-220	2018-2000-730
EL48-4D-4000	4000	4800	18200	2018-1560-220	2018-2000-730
EL48-4D-4400	4400	5280	20000	2018-1560-220	2018-2000-730
EL48-6D-4000	4400	5280	20000	2018-1560-220	2018-2000-730
EL48-6D-4800	4800	5800	21800	2018-1560-220	2018-2000-730
EL48-6D-5600	5600	6700	25450	2018-1560-220	2018-2000-730
EL48-6D-6000	6000	7200	27250	2018-1560-220	2018-2000-730

