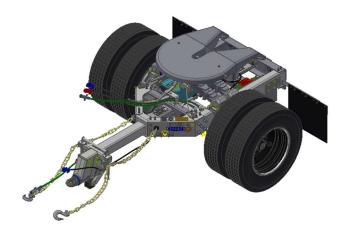
# OPERATION PROCEDURES PARTS & SERVICE MANUAL

As built for UPS



### SILVER EAGLE MODEL TST20 PART #30500



5825 NE Skyport Way - Portland, OR 97218 (503) 281-0727 - (800) 547-6792 - (503) 335-2171 Fax www.silvereaglemfg.com



## **Table of Contents MAINTENANCE PROCEDURES**



Warranty	3
Converter Dolly Required Maintenance	
Silver Eagle Fifth Wheel – Jaw Removal	5
Trip Block Spring Removal / Installation	6 – 7
Drawbar Eye Removal / Installation	8
System Schematic	
PARTS LISTING	
Master Assembly	10 – 13
Major Assembly	
Air Assembly	
Electrical Assembly	
Hydraulic System Assembly	
Axle Assembly	
Fifth Wheel Assembly	



#### FLEET WARRANTY PROGRAM



#### Warranty/Disclaimer

All products manufactured by Silver Eagle are warranted to the original buyer, for a period of twelve months after date of shipment, to be free of any defects in materials and workmanship, and to conform to their specification.

Silver Eagle will repair or replace, at its option, any products or components which are found to be defective or nonconforming, provided that Buyer gives written notice of the defects or nonconformity within the warranty period. Buyer shall return defective or nonconforming products or components to Silver Eagle at its manufacturing facility in Portland, Oregon. Silver Eagle will return the product or component to Buyer, freight prepaid, to any location in the continental United States. Silver Eagle warrants that any Manufacturer Warranty extended to the major components listed below are valid and assignable to Buyer. We agree to assign any such warranty to Buyer on these major components and such warranty periods will govern upon successful assignment of the warranty. Major components: Axle assembly; tires; wheels; jack assembly; electrical harness; lights.

This warranty shall be void in case of: (a) any Buyer modifications not expressly approved by Silver Eagle; (b) use of non-authorized replacement parts; (c) misuse or failure to maintain or service the product in accordance with Silver Eagle recommendations.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR OBLIGATIONS, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

If you have a possible Warranty issue, please contact our Warranty Department immediately at (800) 547-6792 this will expedite repair, and assure replacement parts are shipped as soon as possible.

To assist us in rapidly making a warranty determination

- Keep parts or take pictures as instructed by our Warranty Department.
- Repairs under warranty will not exceed the labor rate authorized by Warranty Department.
- If necessary, we may ask you to submit your claim in writing within 30 days.
- To speed repairs, we will ship any necessary parts or items. It is understood that, you will be billed normally for all items shipped until a determination has been made.

All returned warranty components are to be sent to the attention of Warranty Department

Silver Eagle Manufacturing Company 5825 NE Skyport Way Portland, OR 97218

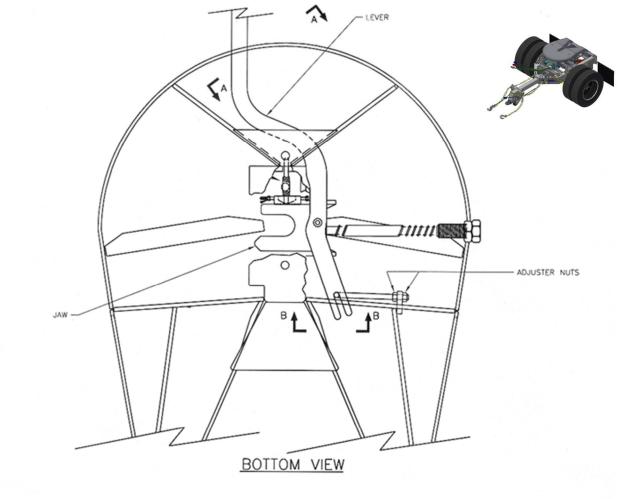


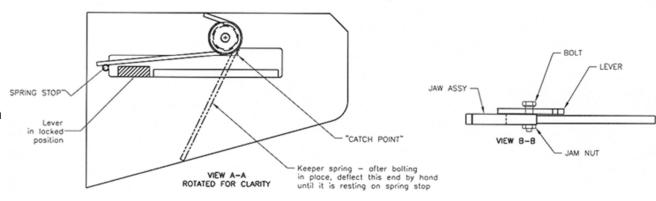
#### PERFORMANCE TESTING/ADJUSTMENTS

- 1. Pull the lever into the uncoupling position. This is where the lever is pulled out and held up by the "Catch Point" indicated in view A-A. If the lever won't stay up, the adjuster nuts on the adjuster at the back end of the lever are probably screwed in too far. Back them off until lever will stay on the catch point.
- 2. Test the 5th wheel for proper coupling with a test kingpin. Test with the lever in the uncoupling position. If it doesn't release from the "catch point", then the adjuster nuts probably need to be screwed in further.
- 3. With the jaw closed or in the coupled position, pick the lever up and out of the locked position. Hold the lever just shy of falling back into the locked position. Release the lever to ensure that it passes freely into the locked position.
- 4. When 5th Wheel functions properly, tighten the lever adjuster locknut securely.

#### **ADJUSTMENT OF LEVER & JAW ASSEMBLY**

- 1. Release Jam Nut (refer to View B-B)
- 2. Tighten bolt until lever is secure against Jaw assembly.
- 3. Loosen bolt ¼ turn or until assembly moves freely.
- 4. While holding bolt secure from turning, tighten jam nut.











Jaw Removal (Refer to Diagram D)

- 1. Make sure the jaw is closed. If not, it can be closed by pushing the trip block (26) forward with a rod or bar. The jaw should be all the way across the center casting (the handle will be in). **Caution: Keep your hands clear of the jaw, it is spring-loaded.**
- 2. Using a pair of vise grips, clamp the trip lock rod in front of the guide hole on 5<sup>th</sup> wheel center casting (26) so as to prevent it from moving aft when jaw is removed.
- 3. When removing the guide bolt (23), applying an anti-seizing compound to the exposed threads often makes the removal process easier.
- 4. Remove the jaw spring (22) by pulling it through the push rod guide nut.
- 5. Pull the fifth wheel lever (17) all the way out.
- 6. Disconnect the fifth wheel lever (17) from the jaw/pushrod assy (25).
- 7. Remove the jaw/pushrod assy (25) from the 5<sup>th</sup> wheel table.
- 8. Lubricate and install the replacement jaw/pushrod assy (25) in the table making sure the pointed tine on the jaw is to aft end of the dolly
- 9. Slide jaw/pushrod assy in place without spring. Align hole in jaw with mating hole in lever.
- 10. Apply loctite 242 medium strength thread adhesive or equivalent to cleaned threads of capscrew (16) and jam nut.
- 11. Thread capscrew (16) into jaw/pushrod assy (25) with two washers (7) between the capscrew head & the lever. Torque the jaw bolt to approximately 70 ft-lbs. The lever should have minimum clearance to allow free rotation against the jaw without binding through its full travel.
- 12. Tighten the jam nut (1/6-1/4) turn after contacting the jaw while ensuring the capscrew does not turn.
- 13. Slide pushrod spring (22) on push rod of the jaw.
- 14. While holding lever back far enough so the jaw pushrod protrudes into the guide nut, tighten the guide nut (23) securely
- 15. Remove the vise grips from the trip block rod.
- 16. Test the table to ensure the jaw opens and closes properly.





#### Jaw Spring Removal/ Reassembly (item 22)

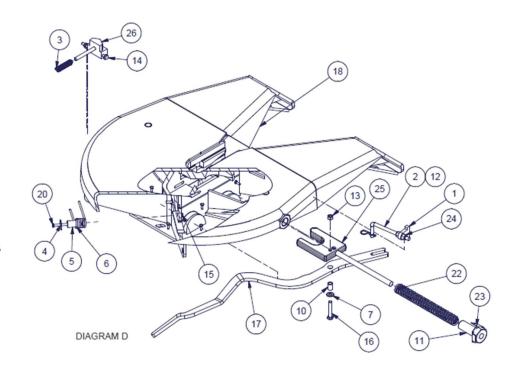
- ➤ Complete steps 1 through 4 of Jaw Removal.
- Completes steps 13 through 17.

#### Lever Removal/ Reassembly (item 17)

- > Remove lever (17)
- ➤ During Reassembly make sure the 2" jam nut is jammed to the 2" standard nut.
- > Test the table to ensure the jaw opens and closes properly.

#### Lever Removal/ Reassembly

- Complete step 1 & 6 of jaw removal
- > Install new lever
- Complete steps 10 thru 12 of jaw removal.
- Test the table to ensure the jaw opens and closes properly.







#### TRIP BLOCK / TRIP BLOCK SPRING REMOVAL / REASSEMBLY

- Complete steps 1 through 5
- Remove the 3/8 bolt, 3/8 lock nut and the two 3/8 washers
- Release the vise grips. Caution: The trip block is under spring Pressure. Keep hands clear of it when releasing vise grips.
- Remove the trip block (26) and the trip block spring through the throat of the 5<sup>th</sup> wheel table. Caution: The jaw is under spring pressure. Use pliers or another suitable devise to remove old trip block and spring.
- Install the new trip block and / or trip block spring in the throat of the 5<sup>th</sup> wheel table. Caution: The jaw is under spring pressure.
  Use pliers or another suitable devise to install new trip block and spring.
- Push the trip block (26) as far forward as possible, with a rod or bar and reinstall vise grips to the trip block rod of item (26) in front of 5<sup>th</sup> wheel center casting.
- ➤ With anti-seize applied to the 3/8 bolt, reinstall the bolt, two washers and lock nut making sure the trip block can freely move fore and aft when pushing on it with a rod or bar (leaving the lock nut 1/6"-3/32" from being fully tightened should work well).
- > Release the vise grips. Caution: The trip block is under spring pressure. Keep hands clear of it when releasing vice grips.
- Test the table to ensure the jaw opens and closes properly.



#### DRAWBAR EYE REMOVAL & INSTALLATION INSTRUCTIONS

- 1. Place dolly under a trailer. Set brakes on trailer and dolly.
- 2. Remove safety wire if present, on 1283 nut.
- 3. Remove 1283 nut and 1193 washer or 15315 and 15660
- 4. Use forklift or eye removal tool (Silver Eagle part no. 15314) to pull against drawbar eye and remove it from the shock housing.
- 5. Clean any debris from inside of shock absorber bushing and lubricate with rubber lubricant or soapy water
- 6. Lubricate the shock absorber bushing with rubber lubricant or soapy water and install into the shock housing.
- 7. Lubricate the shank of the new drawbar eye with rubber lubricant or soapy water and install into the shock housing.

**NOTE:** The shank of the drawbar eye will only be able to be pushed into the shock absorber bushings a little way by hand. There are three methods of pushing it in the final amount:

- (1) Place the dolly under a trailer or up against a sold wall. Set the brakes on the trailer and dolly. Use a forklift or hostler to push against the drawbar eye until it is seated on the shock absorber bushing.
- (2) Use a sledge hammer to hammer on the end of the drawbar eye until it is seated in the shock absorber bushing.
- (3) Use the eye removal tool as #4 above.
- 8. After the drawbar eye is in place, clean the threads on the shank. **VERY IMPORTANT:** Coat the threads with Never-SeeZ, pipe compound, or some other similar product, to prevent corrosion and keep the nut from seizing.
- 9. Install a new washer and thread the nut onto the shank.
- 10. Tighten the nut until the rubber shock absorber bushing bulges toward the outer edge of the shock housing at the corners this is approximately 400-500 ft/lbs of torque.

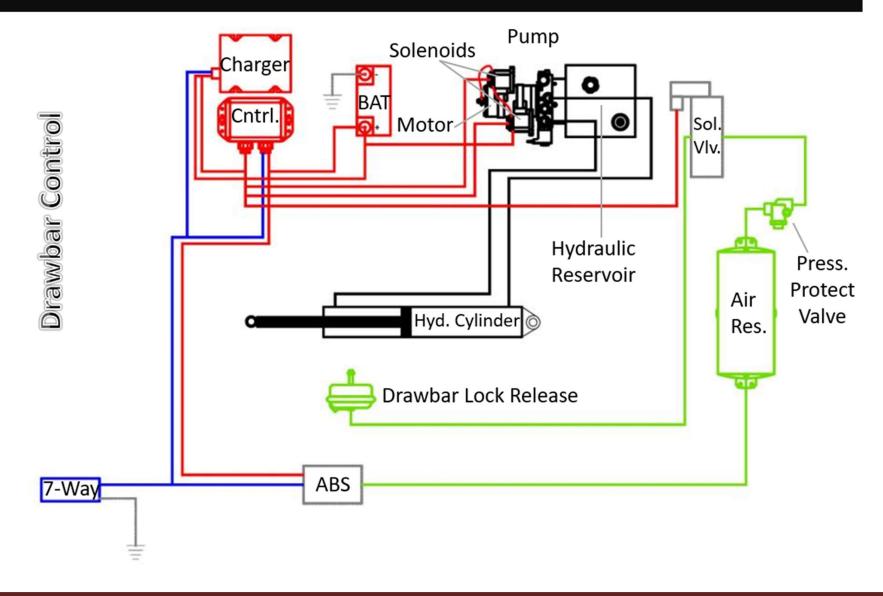
**NOTE:** Shock absorber bushing may split if tightened excessively.

- 11. Install the safety/ground wire through one side of the nut and shank. This is accomplished by drilling through one side of the nut and shank providing a hole for the bolt and nut securing the safety wire. This completes the ground circuit and prevents the nut from backing off.
- 12. Periodically check the tightness of the nut and adjust as necessary. You should not be able to turn the lunette eye by hand at any time.





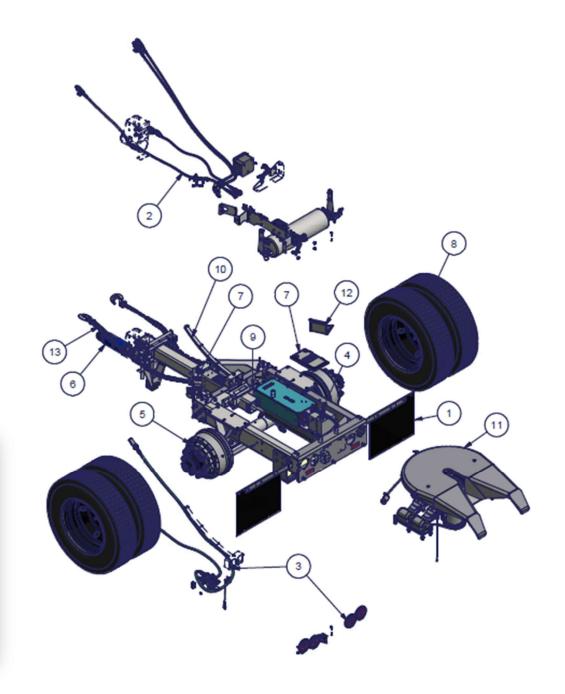
## System Schematic



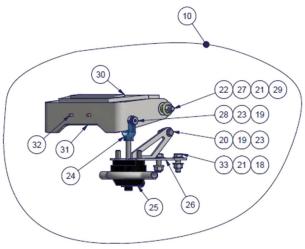


### Master Assembly: 30500

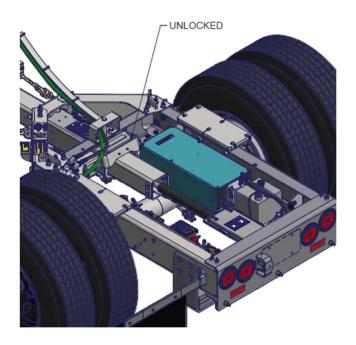
ITEM	QTY	PART	DESCRIPTION
1	1	30568	FRAME ASSY, TST20
2	1	30728	AIR SYSTEM ASSY, TST20
3	1	30729	ELECT SYSTEM ASSY, TST20
4	1	30730	HYD SYSTEM ASSY, TST20
5	1	31049	INSTL, AXLE ASSY, TST20
6	1	31050	INSTL, DRAWBAR, TST20
7	1	31085	INSTL, DECAL/REGISTRATION BOX, TST20, UPS
8	4	32885	TIRE/WHL YOK RY587 295/75R22.5, 39.8 UPS PKG
9	1	33055	INSTL, DWB LOCK SYSTEM, TST20
10	1	34053	INSTL, CABLE TENDER ASSY, UPS, TST20
11	1	34793	INSTL, TABLE INTERLUBE, TST20
12	1	35495	INSTAL, EXPD MTL BASKET, TST20
13	2	36325	SAFETY CHAIN ASSY 1/2 RT U-BOLT W/5T CL HOOK

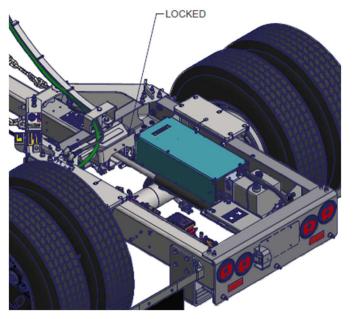


Drawbar Lock System: 33055



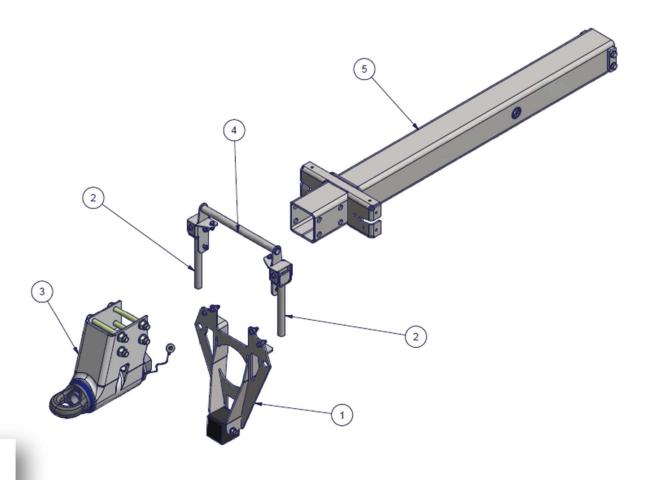
ITEM	QTY	PART DESCRIPTION	
18	4	1150 WASHER, 1/2", FLAT, SAE, PLTD	ASHER
19	3	1273 WASHER 3/8 SAE PLTD	
20	1	19076 CAPSCREW 3/8-16 X 1-1/2 HX GR 8 PLTD	PSCRI
21	4	1942 NUT 1/2-13 METAL LOCK HX GR C PLTD	T 1/2
22	2	21536 CAPSCREW 1/2-13 X 2-1/4 GR 8 ZINC PLTD HX	PSCRI
23	2	2451 NUT 3/8-16 METAL LOCK HX GR C PLTD	T 3/8
24	1	33057 CLEVIS & PIN, 1/2-20, UNIVERSAL	VIS 8
25	1	33058 AIR CHAMBER TYPE 09, 10.4" ROD, HALDEX	CHA
26	1	33060 WLDMNT, DWB LOCK AIR CHAMBER MNT, TST20	.DMN
27	4	3369 WASHER 1/2 FLAT WIDE PLTD	SHE
28	1	33690 BOLT, SHOULDER, 1/2 X 1-1/4, ALLOY STEEL	LT, SI
29	2	34339 TUBE, BUSH SLEEVE LOCK HOOP, TST20	BE, B
30	1	34846 WLDMNT, LOCK HOOP, TST20	DMN
31	1	34872 LINER, TEFLON/DELRIN LOCK HOOP PAD, TST20	ER, T
32	2	9659 HUCK, MAGNA-LOK, MGL100-R8-12, .415725	CK, N
33	2	9706 CAPSCREW 1/2-13 X 1 1/2 HX GR 8 PLTD	PSCR





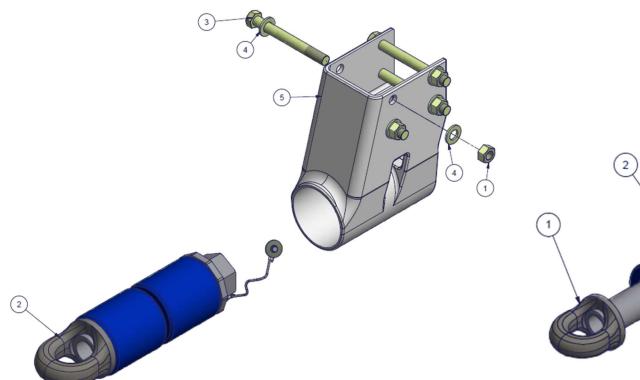


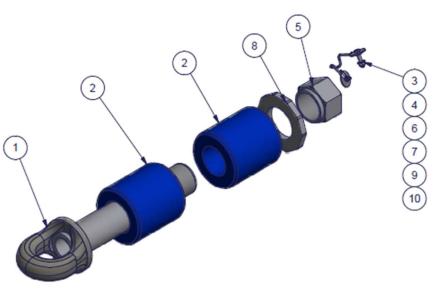
### Drawbar System: 31050



QTY	PART	DESCRIPTION
1	33021	INSTL, STIFF LEG, TST20
2	33104	INSTL, HANDLE, TST20
1	33105	INSTL, DWB NOSE, TST20
1	34261	INSTL, TOP HANDLE, TST20
1	34912	INSTL, SLIDER ASSY, TST20
	1 2 1	1 33021 2 33104 1 33105 1 34261

#### Drawbar Nose: 33105





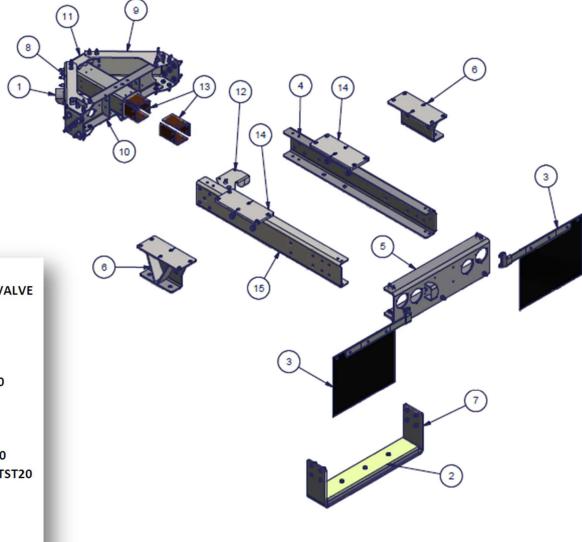
#### ITEM QTY PART DESCRIPTION

- 1 4 12676 NUT 3/4-10 METAL LOCK HX GR 8 PLTD
- 2 1 24405 KIT,EYE&SHANK,HEX NUT,W/SFTY WIRE, POLLY BUS
- 3 4 29392 CAPSCREW 3/4-10 X 7 HX GR 8 PLTD
- 4 8 3367 WASHER 3/4 FLAT F436 HRDN PLTD
- 5 1 35725 CAST, DWB NOSE 8" OFFSET, TST20

ITEM	QTY	PART	DESCRIPTION
1	1	1171	EYE & SHANK, 3/8, HRDN
2	2	12171	BUSHING, SHOCK ABS ROUND POLYURETHANE
3	1	1374	WASHER 1/4 SAE PLTD
4	1	1401	NUT 1/4-20 METAL LOCK HX GR C PLTD
5	1	15315	NUT, SHANK, HEX
6	2	1564	WASHER 1/4 X 1-1/4 FENDER PLTD
7	1	1566	SCREW, 1/4-20 UNC X 1/2,WSHD,THD-FRMG,HX,PLTD
8	1	15660	WASHER, SHANK, DRAWBAR EYE, 1/2", HEX NUT
9	1	1585	SAFETY WIRE ASSY, 1/8 X 7
10	1	4164	CAPSCREW 1/4-20 X 1-1/4 HX GR 5 PLTD



### Major Assembly: 30568

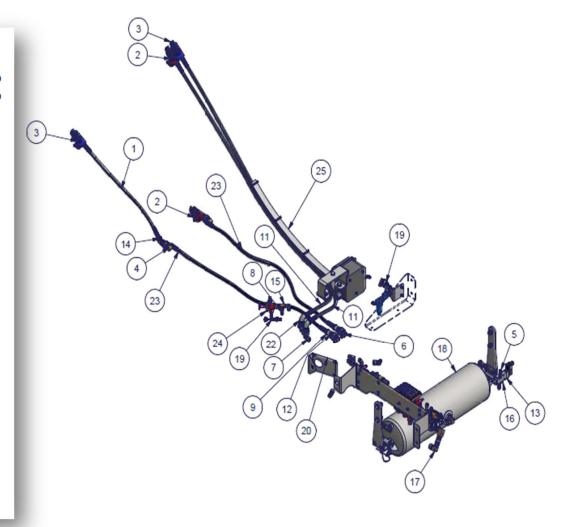


ITEM	QTY	PART DESCRIPTION
1	1	17779 INSTALLATION, GUARD, PUSH-PULL VALVE
2	1	22223 INSTALLATION, 120# BALLAST, VII,
3	1	25976 INSTALLATION, ECO MUD FLAPS UPS
4	1	30566 PL, SIDE CHANNEL CS, TST20
6	1	30572 WLDMNT, TAIL PLATE, TST20
7	2	30586 WLDMNT, TALL SIDE SUPPORT, TST20
8	1	30965 INSTL, BALLAST HANGER
9	1	32973 WLDMNT, DWB RS, TST20
10	1	32974 WLDMNT, DWB CS, TST20
12	1	34844 WLDMT, FRNT CROSSMEMBER, TST20
13	1	34845 WLDMNT, OUTER SLIDER HOUSING, TST20
14	1	34848 PL, SENSOR MNT, TST20
15	8	34867 LINER, TEFLON/DELRIN, 4X6X.200
16	2	34869 PL, TABLE SPACER,TST20
17	1	34982 WLDMNT, SIDE CHANNEL RS, TST20

### Air Assembly: 30728

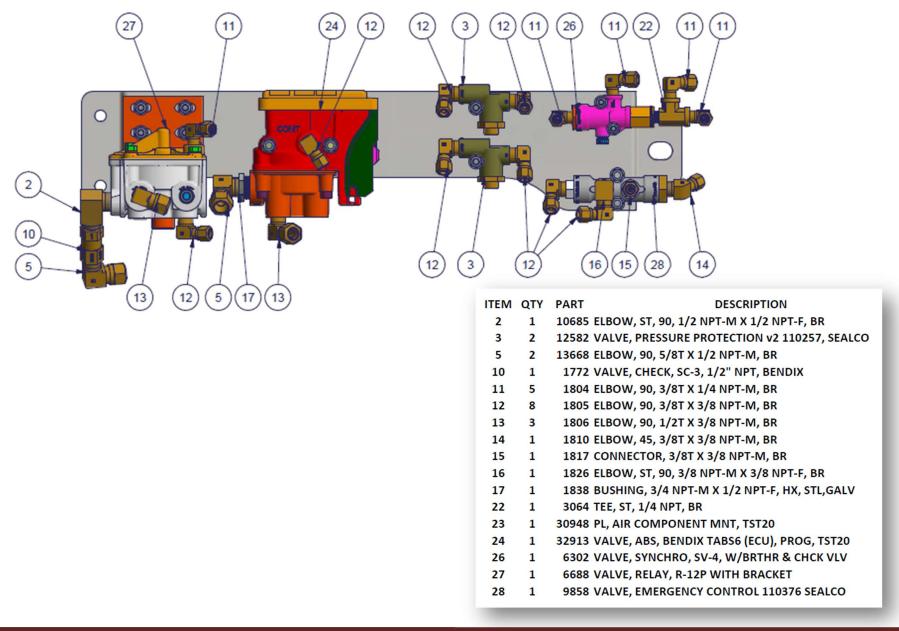
#### ITEM QTY PART DESCRIPTION

- 1 11823 HOSE AIR, 3/8x27, RUBBER, 1/2 X 1/2 CONN
- 2 16455 GLADHAND UNIV POLY SEAL W/GUARD/SCREEN P RED
- 3 2 16456 GLADHAND UNIV POLY SEAL W/GUARD/SCREEN P RED
- 4 2 1801 ELBOW, ST, 45, 3/8 NPT-M X 3/8 NPT-F, BR
- 5 1804 ELBOW, 90, 3/8T X 1/4 NPT-M, BR
- 3 1805 ELBOW, 90, 3/8T X 3/8 NPT-M, BR
- 7 3 1806 ELBOW, 90, 1/2T X 3/8 NPT-M, BR
- 8 1 1816 CONNECTOR, 3/8T X 1/4 NPT-M, BR
- 9 2 1832 COUPLING, 1/2 NPT-F, TAPERED, MI, GALV
- 10 2 21179 NUT 8-32 NYL INS HX STNLS
- 11 2 24983 HOSE AIR, 3/8X86, RUBBER 1/2 X 1/2 CONN
- 12 6 28083 FITTING, BULKHEAD, 3/8 X 1/2 NPT-M, 1-29/32"
- 13 1 28209 SLND AIR VLV, 3 WAY, 2 POS, 1/4 NPT, 12V
- 14 1 2846 ELBOW, 45, 1/2 NPT-F, GALV
- 15 1 3064 TEE, ST, 1/4 NPT, BR
- 16 1 32149 BREATHER, 1/4 NPT-M, STL PLTD
- 17 1 33239 VALVE PLATE ASSY, TST20
- 18 1 33241 INSTL, AIR TANK, TST20
- 19 1 34307 INSTAL, AUTO TIRE INFL, DUAL, TN, THA, TST20
- 20 1 34371 PL, AIR/ELEC ROUT MNT, TST20
- 21 2 35242 CAPSCREW, 8-32 X 1-3/4 SOCKET HEAD ZINC PLTD
- 22 2 4495 ELBOW, 90, 1/2 NPT-F, GALV
- 23 2 5683 HOSE AIR, 3/8x54, RUBBER, 3/8S X 1/2 CONN
- 24 1 9978 VALVE, PUSH-PULL, BOLT-ON, SEALCO
- 25 1 34053 INSTL, CABLE TENDER ASSY, UPS, TST20

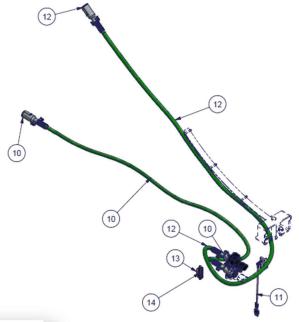




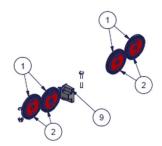
#### Valve Plate Assembly: 33239



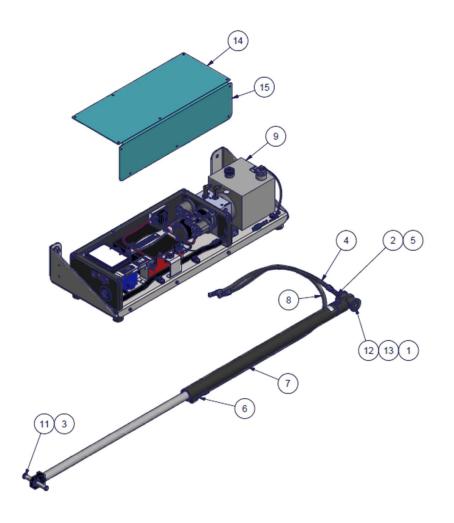
### Electrical Assembly: 30729



ITEM	QTY	PART DESCRIPTION	
1	4	11239 RETAINING RING, GROTE LED	
2	4	13280 LAMP RED 4" RD 6-DIODE LED FLG	
5	1	14880 HARNESS 2 FLANGED SOCK 4 LT LED LIC LIGH	HT UPS
9	1	32963 INSTL, LICENSE PLATE LIGHT KIT, LED	
10	1	35020 CABLE 7-WAY STR 9' GRN ABS, GROTE	
11	1	34344 INSTL, LOCK HOOP SENSOR, TST20	
12	1	34088 CABLE 7-WAY STR 11' GRN ABS, GROTE	
13	1	9562 LENS, AMBER, TRUCKLITE, ABS	
14	1	9563 GROMMET, LAMP, TRUCKLITE, MODEL 30	

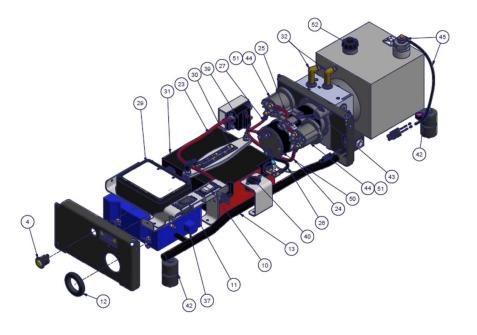


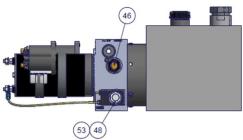
### Hydraulic System Assembly: 30730

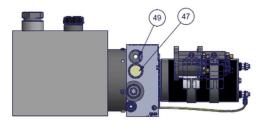


ITEM	QTY	PART DESCRIPTION
1	1	1172 WASHER 5/8 FLAT F436 HRDN PLTD
2	1	29415 ELBOW, 90, #4 JIC-M X #4 JIC-F, STL
3	1	29586 SNAP RING, EXTERNAL, 5/8"
4	1	29819 HOSE, HYD #4-JIC-F x HOSE-4-24" OAL
5	1	30414 FITTING, ST, #6 SAE-ORB X #4 JIC-M, STL
6	1	32864 FITTING, ST, #4 SAE-ORB X #4 JIC-M, STL
7	1	32955 CYL, HYD, 29"STK 1.63"BORE 1.25"ROD PWRPAC
8	1	33064 HOSE, HYD #4-JIC-F x HOSE-4-58" OAL
9	1	33226 INSTL, ELEC/HYD PUMP PACKAGE, TST20
11	1	34849 PIN, CYL MNT, TST20
12	1	35235 PIN, REAR CYL MNT, TST20
13	1	6035 COTTER PIN, 5/32 X 1-1/2, STNLS
14	1	34917 INSTL, POWER UNIT TOP COVER, TST20
15	1	34918 INSTL, POWER UNIT SIDE COVER, TST20

### Elec/Hyd Pump Package: 33226

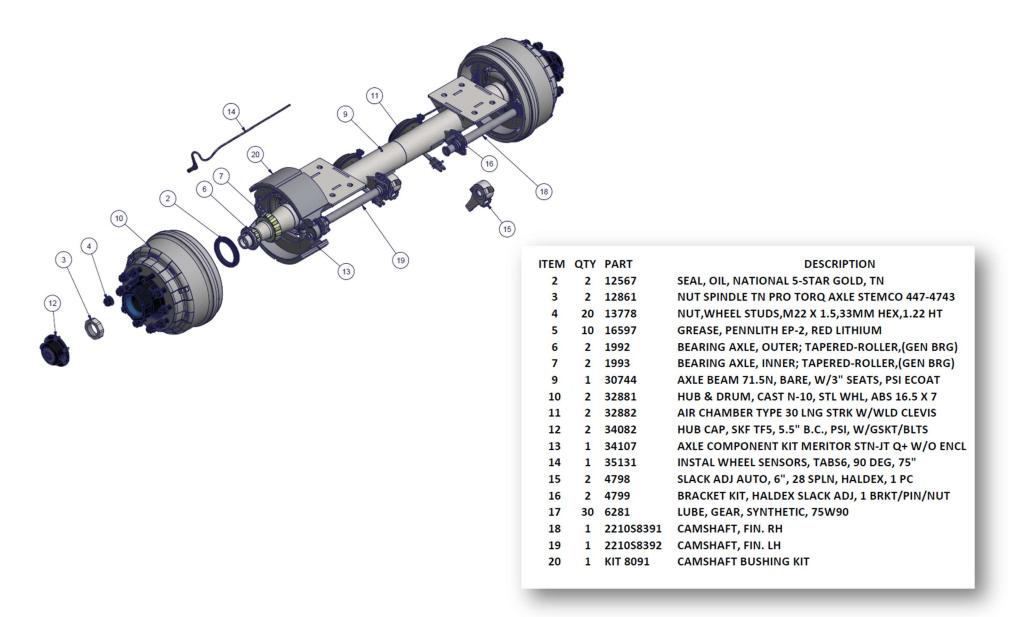






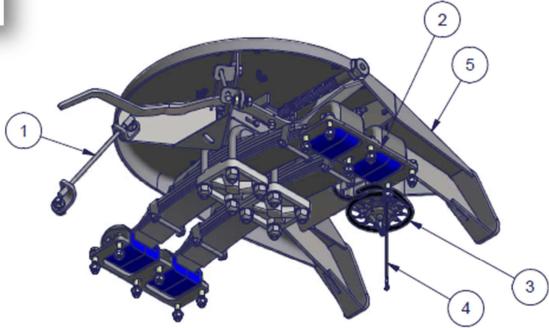
17504	OT1/	DART
		PART DESCRIPTION
4	1	17747 LAMP, MARKER, MODEL 33 LED, YELLOW W/GROMMET
10	1	28205 ROCKER SWITCH, HD, DPDT, 3POS, 2 CRT, MNTRY
11	1	28206 ROCKER SWITCH, HI AMP, SPDT, 2POS, BLACK
12	1	29130 GROMMET, 1-1/2 X 3/32 X 2 X 2-3/8 X 3/8
13	1	33234 WIRE HARNESS, ELEC/HYD POWER UNIT, TST20
23	1	34096 WIRE, 6GA RED, 1/4" X 1/4" RING TERM, 14" LONG
24	1	34097 WIRE, 6GA RED, 1/4" X 5/16" RING TERM, 10" LONG
25	1	34098 WIRE, 6GA RED, 5/16" X 5/16" RING TERM, 7"LNG
26	1	34099 WIRE, 6GA BLK, 1/4" X 5/16" RING TERM, 7" LONG
27	1	34120 WIRE, CALIBRATED W/LEADS, TST20
29	1	34250 CONTROLLER, TST20, PROGRAMMED
30	1	34638 KIT, BATTERY TIE-DOWN WIDE, TST20
31	1	34641 BATTERY, AGM, DEEP CYCLE, 15AH
32	2	34693 ELBOW, 90, #6 SAE-ORB X #4 JIC-M, X-LNG, STL
37	1	34919 INSTL, DC-DC CONVERTER / CHARGER, TST20
38	1	34920 INSTL, POWER UNIT PUMP, TST20
39	1	34921 INSTL, CIRCUIT BREAKER 150A
40	1	34922 INSTL, CIRCUIT BREAKER 30A
42	4	35682 INSTL, ISOLATOR KIT, TST20
43	1	33679 SENSOR, PRESSURE SWITCH, NO, 2800PSI
44	2	34048 CONTACTOR, TROMBETTA, 150AMP DC
45	1	34644 INSTL, OIL FLOAT SWITCH, TST20
46	1	34645 VALVE, DBL PILT CHCK, CARTRIDGE, TST20
47	1	34646 VALVE, RELIEF "P3", TST20
48	1	34647 VALVE, POSITION CART, 4-2/2-P
49	1	34649 VALVE, CROSS-OVER RELIEF, TST20
50	1	34650 MOTOR, DC, 12V, 3", 2 TERM, SLOW SP, TST20
51	2	34651 CLAMP, HOSE, WORM GR, 2.3-3.25 ID
52	1	34652 CAP, RESERV, BREATHER-FILLER, TST20
53	1	35790 COIL, POSITION VALVE, TST20

### Axle Assembly: 30745



### Fifth Wheel Assembly: 34793

T20
Y



### Fifth Wheel Kit: 34812

TEM QTY			
1 10077 ADJUSTER, LEVER, 5TH WHL, FRONT PULL DRILLED 1 1123 SPRING, TRIP BLOCK, SERIES 10-60 2 11259 WASHER 3/8 X 1-1/2 MIN OD FENDER THICK PLTD 5 1 11260 POST, KEEPER SPRING, LEVER, 5TH WHL, FRONT PULL 6 1 11419 SPRING KEEPER, LEVER, 5TH WHL, FRONT PULL 7 1 1150 WASHER, 1/2", FLAT, SAE, PLTD 8 4 12172 SPRING BOOT POLYURETHANE PAIR 10 1 13381 BUSHING, 1/2 I.D. X 3/4 O.D. X 1 11 1 1342 GUIDE, PUSHROD, SEMCO TABLE, 40-60 12 1 15801 HAIRPIN COTTER, 1/2-5/8 DIA, .120", PLTD 13 1 1942 NUT 1/2-13 METAL LOCK HX GR C PLTD 14 1 1965 CAPSCREW 3/8-16 X 5 HX GR 5 PLTD 15 2 2451 NUT 3/8-16 METAL LOCK HX GR C PLTD 16 1 27494 CAPSCREW 1/2-13 X 2-3/4 HX GR 8 PLTD FULL THD 17 1 34086 LEVER, 5TH WHL, FNT PULL, RS, SHR HNDL, LUBE 18 1 34813 5TH WHL WLDMT, EXT RAMP, LUBE T-DOLLY 19 1 34822 INSTAL, 7 LEAF SPRINGS 20 1 4107 CAPSCREW 3/8-16 X 3-1/4 HX GR 5 PLTD 21 8369 SPRING, JAW, SERIES 10-60 23 1 8535 WASHER LOCK TAB 16 GA 24 2 8820 NUT 1/2-13 TOP LOCK JAM HX GR C PLTD 25 1 8944 JAW ASSY, HUCKED PUSHROD, LH	ITEM	QTY	PART DESCRIPTION
1 1123 SPRING, TRIP BLOCK, SERIES 10-60  1 11259 WASHER 3/8 X 1-1/2 MIN OD FENDER THICK PLTD  1 11260 POST, KEEPER SPRING, LEVER, 5TH WHL, FRONT PULL  1 11419 SPRING KEEPER, LEVER, 5TH WHL, FRT PULL, RS, ECOAT  1 1150 WASHER, 1/2", FLAT, SAE, PLTD  4 12172 SPRING BOOT POLYURETHANE PAIR  1 13381 BUSHING, 1/2 I.D. X 3/4 O.D. X 1  1 1342 GUIDE, PUSHROD, SEMCO TABLE, 40-60  1 15801 HAIRPIN COTTER, 1/2-5/8 DIA, .120", PLTD  1 1942 NUT 1/2-13 METAL LOCK HX GR C PLTD  1 1965 CAPSCREW 3/8-16 X 5 HX GR 5 PLTD  2 2451 NUT 3/8-16 METAL LOCK HX GR C PLTD  1 27494 CAPSCREW 1/2-13 X 2-3/4 HX GR 8 PLTD FULL THD  1 34086 LEVER, 5TH WHL, FNT PULL, RS, SHR HNDL, LUBE  1 34813 5TH WHL WLDMT, EXT RAMP, LUBE T-DOLLY  1 34822 INSTAL, 7 LEAF SPRINGS  1 4107 CAPSCREW 3/8-16 X 3-1/4 HX GR 5 PLTD  2 1 8369 SPRING, JAW, SERIES 10-60  2 1 8535 WASHER LOCK TAB 16 GA  2 8820 NUT 1/2-13 TOP LOCK JAM HX GR C PLTD	1	1	10076 ANCHOR, LEVER ADJUSTMENT, 5TH WHL, FRONT PULL
4 2 11259 WASHER 3/8 X 1-1/2 MIN OD FENDER THICK PLTD 5 1 11260 POST, KEEPER SPRING, LEVER, 5TH WHL, FRONT PULL 6 1 11419 SPRING KEEPER, LEVER, 5TH WHL, FRT PULL, RS, ECOAT 7 1 1150 WASHER, 1/2", FLAT, SAE, PLTD 8 4 12172 SPRING BOOT POLYURETHANE PAIR 10 1 13381 BUSHING, 1/2 I.D. X 3/4 O.D. X 1 11 1 1342 GUIDE, PUSHROD, SEMCO TABLE, 40-60 12 1 15801 HAIRPIN COTTER, 1/2-5/8 DIA, .120", PLTD 13 1 1942 NUT 1/2-13 METAL LOCK HX GR C PLTD 14 1 1965 CAPSCREW 3/8-16 X 5 HX GR 5 PLTD 15 2 2451 NUT 3/8-16 METAL LOCK HX GR C PLTD 16 1 27494 CAPSCREW 1/2-13 X 2-3/4 HX GR 8 PLTD FULL THD 17 1 34086 LEVER, 5TH WHL, FNT PULL, RS, SHR HNDL, LUBE 18 1 34813 5TH WHL WLDMT, EXT RAMP, LUBE T-DOLLY 19 1 34822 INSTAL, 7 LEAF SPRINGS 20 1 4107 CAPSCREW 3/8-16 X 3-1/4 HX GR 5 PLTD 21 8369 SPRING, JAW, SERIES 10-60 22 1 8535 WASHER LOCK TAB 16 GA 23 2 8820 NUT 1/2-13 TOP LOCK JAM HX GR C PLTD 25 1 8944 JAW ASSY, HUCKED PUSHROD, LH	2	1	10077 ADJUSTER, LEVER, 5TH WHL, FRONT PULL DRILLED
1 11260 POST,KEEPER SPRING,LEVER,5TH WHL,FRONT PULL 1 11419 SPRING KEEPER,LEVER,5TH WHL,FRT PULL,RS,ECOAT 1 1150 WASHER, 1/2", FLAT, SAE, PLTD 8 4 12172 SPRING BOOT POLYURETHANE PAIR 10 1 13381 BUSHING, 1/2 I.D. X 3/4 O.D. X 1 11 1 1342 GUIDE, PUSHROD, SEMCO TABLE, 40-60 12 1 15801 HAIRPIN COTTER, 1/2-5/8 DIA, .120", PLTD 13 1 1942 NUT 1/2-13 METAL LOCK HX GR C PLTD 14 1 1965 CAPSCREW 3/8-16 X 5 HX GR 5 PLTD 15 2 2451 NUT 3/8-16 METAL LOCK HX GR C PLTD 16 1 27494 CAPSCREW 1/2-13 X 2-3/4 HX GR 8 PLTD FULL THD 17 1 34086 LEVER, 5TH WHL, FNT PULL, RS, SHR HNDL, LUBE 18 1 34813 5TH WHL WLDMT, EXT RAMP, LUBE T-DOLLY 19 1 34822 INSTAL, 7 LEAF SPRINGS 20 1 4107 CAPSCREW 3/8-16 X 3-1/4 HX GR 5 PLTD 21 8369 SPRING, JAW, SERIES 10-60 23 1 8535 WASHER LOCK TAB 16 GA 24 2 8820 NUT 1/2-13 TOP LOCK JAM HX GR C PLTD 25 1 8944 JAW ASSY, HUCKED PUSHROD, LH	3	1	1123 SPRING, TRIP BLOCK, SERIES 10-60
1 11419 SPRING KEEPER, LEVER, 5TH WHL, FRT PULL, RS, ECOAT 1 1150 WASHER, 1/2", FLAT, SAE, PLTD 8 4 12172 SPRING BOOT POLYURETHANE PAIR 10 1 13381 BUSHING, 1/2 I.D. X 3/4 O.D. X 1 11 1 1342 GUIDE, PUSHROD, SEMCO TABLE, 40-60 12 1 15801 HAIRPIN COTTER, 1/2-5/8 DIA, .120", PLTD 13 1 1942 NUT 1/2-13 METAL LOCK HX GR C PLTD 14 1 1965 CAPSCREW 3/8-16 X 5 HX GR 5 PLTD 15 2 2451 NUT 3/8-16 METAL LOCK HX GR C PLTD 16 1 27494 CAPSCREW 1/2-13 X 2-3/4 HX GR 8 PLTD FULL THD 17 1 34086 LEVER, 5TH WHL, FNT PULL, RS, SHR HNDL, LUBE 18 1 34813 5TH WHL WLDMT, EXT RAMP, LUBE T-DOLLY 19 1 34822 INSTAL, 7 LEAF SPRINGS 20 1 4107 CAPSCREW 3/8-16 X 3-1/4 HX GR 5 PLTD 21 8369 SPRING, JAW, SERIES 10-60 22 1 8535 WASHER LOCK TAB 16 GA 23 2 8820 NUT 1/2-13 TOP LOCK JAM HX GR C PLTD 25 1 8944 JAW ASSY, HUCKED PUSHROD, LH	4	2	11259 WASHER 3/8 X 1-1/2 MIN OD FENDER THICK PLTD
1 1150 WASHER, 1/2", FLAT, SAE, PLTD 8 4 12172 SPRING BOOT POLYURETHANE PAIR 10 1 13381 BUSHING, 1/2 I.D. X 3/4 O.D. X 1 11 1 1342 GUIDE, PUSHROD, SEMCO TABLE, 40-60 12 1 15801 HAIRPIN COTTER, 1/2-5/8 DIA, .120", PLTD 13 1 1942 NUT 1/2-13 METAL LOCK HX GR C PLTD 14 1 1965 CAPSCREW 3/8-16 X 5 HX GR 5 PLTD 15 2 2451 NUT 3/8-16 METAL LOCK HX GR C PLTD 16 1 27494 CAPSCREW 1/2-13 X 2-3/4 HX GR 8 PLTD FULL THD 17 1 34086 LEVER, 5TH WHL, FNT PULL, RS, SHR HNDL, LUBE 18 1 34813 5TH WHL WLDMT, EXT RAMP, LUBE T-DOLLY 19 1 34822 INSTAL, 7 LEAF SPRINGS 20 1 4107 CAPSCREW 3/8-16 X 3-1/4 HX GR 5 PLTD 22 1 8369 SPRING, JAW, SERIES 10-60 23 1 8535 WASHER LOCK TAB 16 GA 24 2 8820 NUT 1/2-13 TOP LOCK JAM HX GR C PLTD 25 1 8944 JAW ASSY, HUCKED PUSHROD, LH	5	1	11260 POST,KEEPER SPRING,LEVER,5TH WHL,FRONT PULL
8 4 12172 SPRING BOOT POLYURETHANE PAIR 10 1 13381 BUSHING, 1/2 I.D. X 3/4 O.D. X 1 11 1 1342 GUIDE, PUSHROD, SEMCO TABLE, 40-60 12 1 15801 HAIRPIN COTTER, 1/2-5/8 DIA, .120", PLTD 13 1 1942 NUT 1/2-13 METAL LOCK HX GR C PLTD 14 1 1965 CAPSCREW 3/8-16 X 5 HX GR 5 PLTD 15 2 2451 NUT 3/8-16 METAL LOCK HX GR C PLTD 16 1 27494 CAPSCREW 1/2-13 X 2-3/4 HX GR 8 PLTD FULL THD 17 1 34086 LEVER, 5TH WHL, FNT PULL, RS, SHR HNDL, LUBE 18 1 34813 5TH WHL WLDMT, EXT RAMP, LUBE T-DOLLY 19 1 34822 INSTAL, 7 LEAF SPRINGS 20 1 4107 CAPSCREW 3/8-16 X 3-1/4 HX GR 5 PLTD 22 1 8369 SPRING, JAW, SERIES 10-60 23 1 8535 WASHER LOCK TAB 16 GA 24 2 8820 NUT 1/2-13 TOP LOCK JAM HX GR C PLTD 25 1 8944 JAW ASSY, HUCKED PUSHROD, LH	6	1	11419 SPRING KEEPER,LEVER,5TH WHL,FRT PULL,RS,ECOAT
10 1 13381 BUSHING, 1/2 I.D. X 3/4 O.D. X 1 11 1 1342 GUIDE, PUSHROD, SEMCO TABLE, 40-60 12 1 15801 HAIRPIN COTTER, 1/2-5/8 DIA, .120", PLTD 13 1 1942 NUT 1/2-13 METAL LOCK HX GR C PLTD 14 1 1965 CAPSCREW 3/8-16 X 5 HX GR 5 PLTD 15 2 2451 NUT 3/8-16 METAL LOCK HX GR C PLTD 16 1 27494 CAPSCREW 1/2-13 X 2-3/4 HX GR 8 PLTD FULL THD 17 1 34086 LEVER, 5TH WHL, FNT PULL, RS, SHR HNDL, LUBE 18 1 34813 5TH WHL WLDMT, EXT RAMP, LUBE T-DOLLY 19 1 34822 INSTAL, 7 LEAF SPRINGS 20 1 4107 CAPSCREW 3/8-16 X 3-1/4 HX GR 5 PLTD 21 8369 SPRING, JAW, SERIES 10-60 23 1 8535 WASHER LOCK TAB 16 GA 24 2 8820 NUT 1/2-13 TOP LOCK JAM HX GR C PLTD 25 1 8944 JAW ASSY, HUCKED PUSHROD, LH	7	1	1150 WASHER, 1/2", FLAT, SAE, PLTD
11	8	4	12172 SPRING BOOT POLYURETHANE PAIR
12	10	1	13381 BUSHING, 1/2 I.D. X 3/4 O.D. X 1
13	11	1	1342 GUIDE, PUSHROD, SEMCO TABLE, 40-60
14	12	1	15801 HAIRPIN COTTER, 1/2-5/8 DIA, .120", PLTD
15 2 2451 NUT 3/8-16 METAL LOCK HX GR C PLTD 16 1 27494 CAPSCREW 1/2-13 X 2-3/4 HX GR 8 PLTD FULL THD 17 1 34086 LEVER, 5TH WHL, FNT PULL, RS, SHR HNDL, LUBE 18 1 34813 5TH WHL WLDMT, EXT RAMP, LUBE T-DOLLY 19 1 34822 INSTAL, 7 LEAF SPRINGS 20 1 4107 CAPSCREW 3/8-16 X 3-1/4 HX GR 5 PLTD 22 1 8369 SPRING, JAW, SERIES 10-60 23 1 8535 WASHER LOCK TAB 16 GA 24 2 8820 NUT 1/2-13 TOP LOCK JAM HX GR C PLTD 25 1 8944 JAW ASSY, HUCKED PUSHROD, LH	13	1	1942 NUT 1/2-13 METAL LOCK HX GR C PLTD
16 1 27494 CAPSCREW 1/2-13 X 2-3/4 HX GR 8 PLTD FULL THD 17 1 34086 LEVER, 5TH WHL, FNT PULL, RS, SHR HNDL, LUBE 18 1 34813 5TH WHL WLDMT, EXT RAMP, LUBE T-DOLLY 19 1 34822 INSTAL, 7 LEAF SPRINGS 20 1 4107 CAPSCREW 3/8-16 X 3-1/4 HX GR 5 PLTD 22 1 8369 SPRING, JAW, SERIES 10-60 23 1 8535 WASHER LOCK TAB 16 GA 24 2 8820 NUT 1/2-13 TOP LOCK JAM HX GR C PLTD 25 1 8944 JAW ASSY, HUCKED PUSHROD, LH	14	1	1965 CAPSCREW 3/8-16 X 5 HX GR 5 PLTD
17 1 34086 LEVER, 5TH WHL, FNT PULL, RS, SHR HNDL, LUBE 18 1 34813 5TH WHL WLDMT, EXT RAMP, LUBE T-DOLLY 19 1 34822 INSTAL, 7 LEAF SPRINGS 20 1 4107 CAPSCREW 3/8-16 X 3-1/4 HX GR 5 PLTD 22 1 8369 SPRING, JAW, SERIES 10-60 23 1 8535 WASHER LOCK TAB 16 GA 24 2 8820 NUT 1/2-13 TOP LOCK JAM HX GR C PLTD 25 1 8944 JAW ASSY, HUCKED PUSHROD, LH	15	2	2451 NUT 3/8-16 METAL LOCK HX GR C PLTD
18	16	1	27494 CAPSCREW 1/2-13 X 2-3/4 HX GR 8 PLTD FULL THD
19 1 34822 INSTAL, 7 LEAF SPRINGS 20 1 4107 CAPSCREW 3/8-16 X 3-1/4 HX GR 5 PLTD 22 1 8369 SPRING, JAW, SERIES 10-60 23 1 8535 WASHER LOCK TAB 16 GA 24 2 8820 NUT 1/2-13 TOP LOCK JAM HX GR C PLTD 25 1 8944 JAW ASSY, HUCKED PUSHROD, LH	17	1	34086 LEVER, 5TH WHL, FNT PULL, RS, SHR HNDL, LUBE
20 1 4107 CAPSCREW 3/8-16 X 3-1/4 HX GR 5 PLTD 22 1 8369 SPRING, JAW, SERIES 10-60 23 1 8535 WASHER LOCK TAB 16 GA 24 2 8820 NUT 1/2-13 TOP LOCK JAM HX GR C PLTD 25 1 8944 JAW ASSY, HUCKED PUSHROD, LH	18	1	34813 5TH WHL WLDMT, EXT RAMP, LUBE T-DOLLY
22 1 8369 SPRING, JAW, SERIES 10-60 23 1 8535 WASHER LOCK TAB 16 GA 24 2 8820 NUT 1/2-13 TOP LOCK JAM HX GR C PLTD 25 1 8944 JAW ASSY, HUCKED PUSHROD, LH	19	1	34822 INSTAL, 7 LEAF SPRINGS
23 1 8535 WASHER LOCK TAB 16 GA 24 2 8820 NUT 1/2-13 TOP LOCK JAM HX GR C PLTD 25 1 8944 JAW ASSY, HUCKED PUSHROD, LH	20	1	4107 CAPSCREW 3/8-16 X 3-1/4 HX GR 5 PLTD
24 2 8820 NUT 1/2-13 TOP LOCK JAM HX GR C PLTD 25 1 8944 JAW ASSY, HUCKED PUSHROD, LH	22	1	8369 SPRING, JAW, SERIES 10-60
25 1 8944 JAW ASSY, HUCKED PUSHROD, LH	23	1	8535 WASHER LOCK TAB 16 GA
	24	2	8820 NUT 1/2-13 TOP LOCK JAM HX GR C PLTD
26 1 9640 TRIP BLOCK WELDMENT, LH, SERIES 30-60	25	1	8944 JAW ASSY, HUCKED PUSHROD, LH
	26	1	9640 TRIP BLOCK WELDMENT, LH, SERIES 30-60

