

LOADMASTER... *Your Waste Equipment Partner*



ELITE SERIES

Parts & Spares Manual

LOADMASTER

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APRIL 2019




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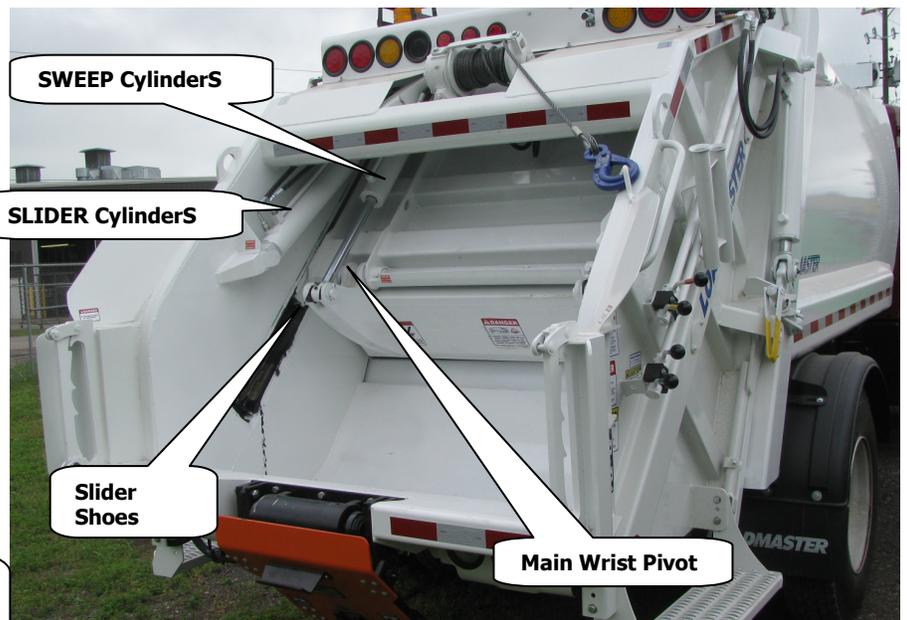
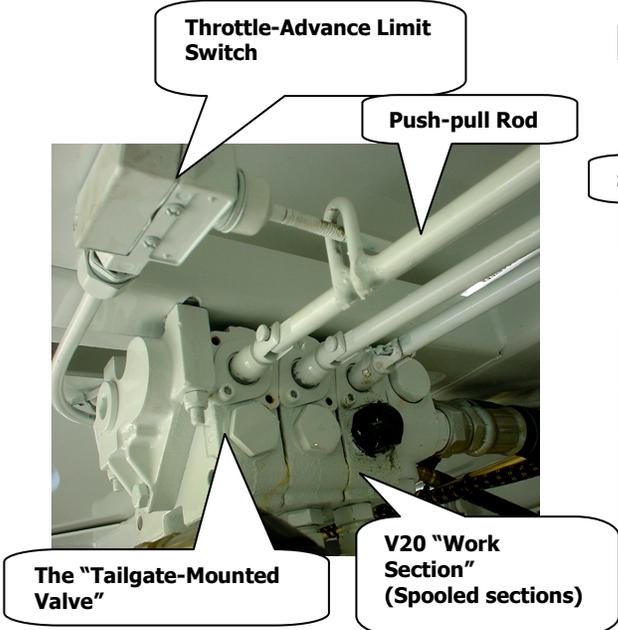
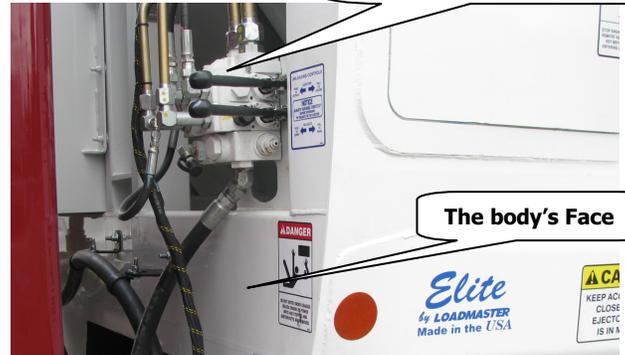
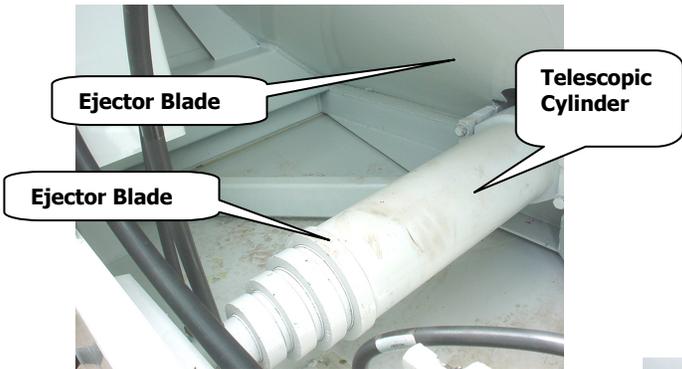
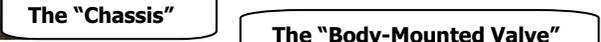
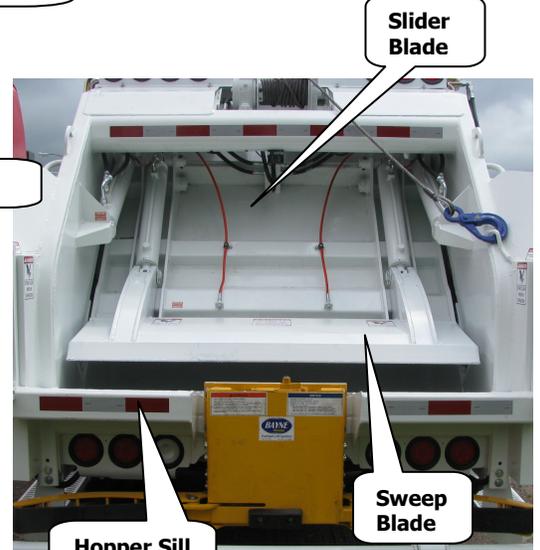
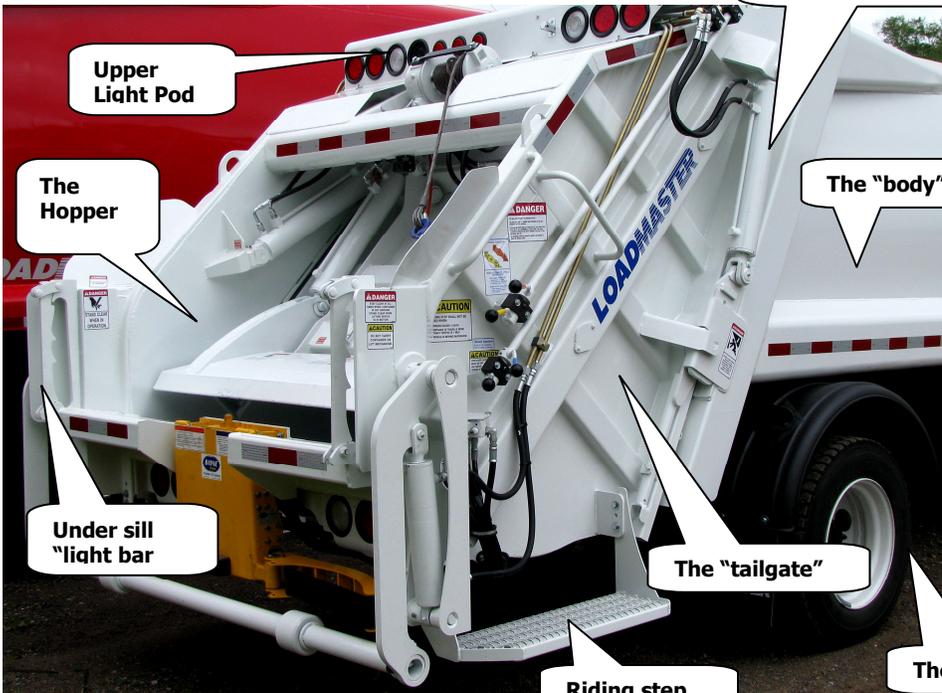
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NOMENCLATURE...the "words" Loadmaster uses...use this lingo to "talk"



NOMENCLATURE...the "words" Loadmaster uses...best lingo to communicate with LOADMASTER people

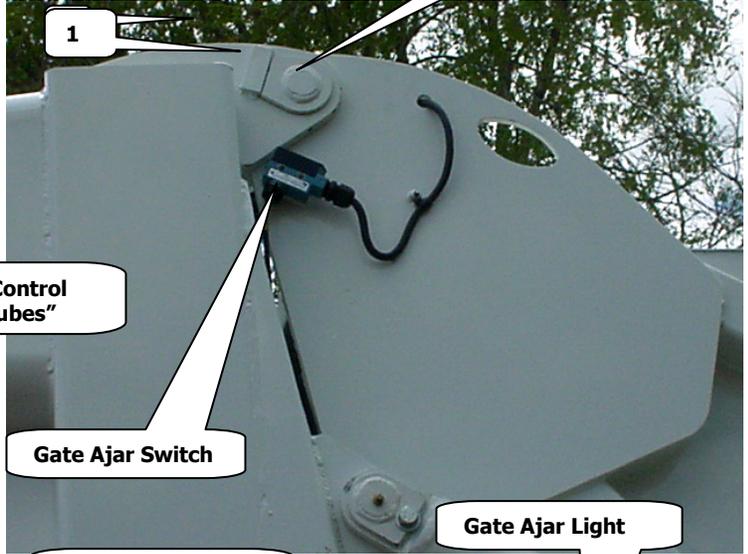


"Decals"

Tail side-Control
"Shafts/Tubes"

"Button
Switches"

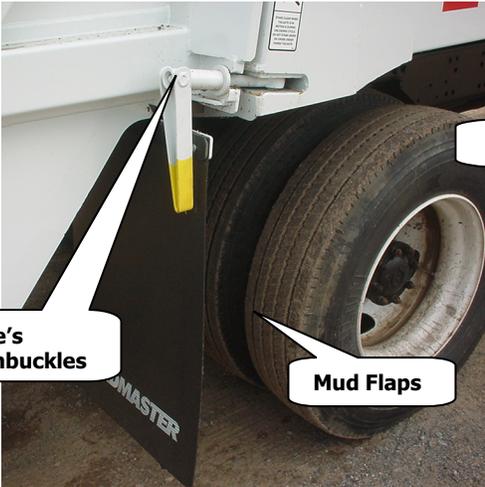
Knobbed Lever



Gate's "hinge"

Gate Ajar Switch

Gate Ajar Light



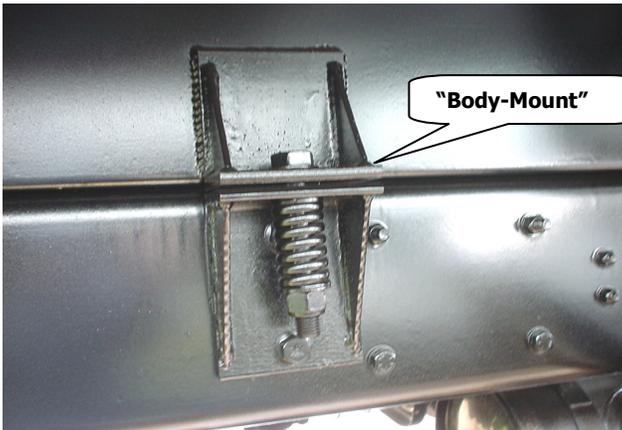
Gate's
Turnbuckles

Mud Flaps

In-cab "Rocker Panel"



Rocker Switches



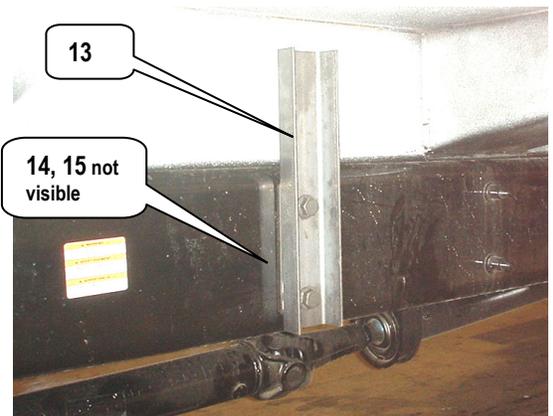
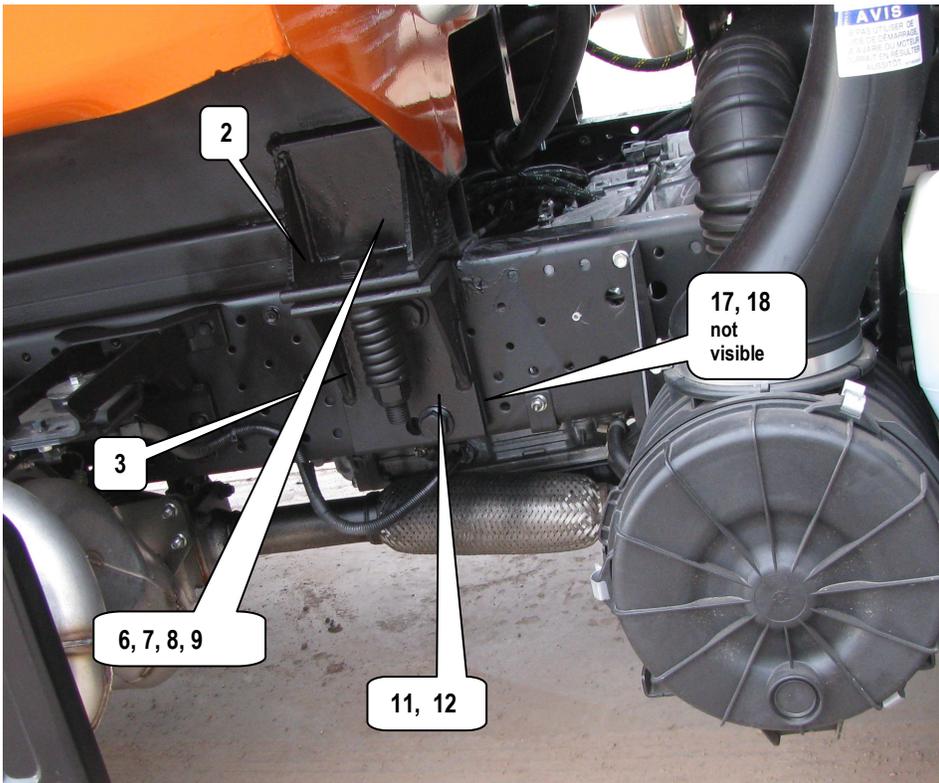
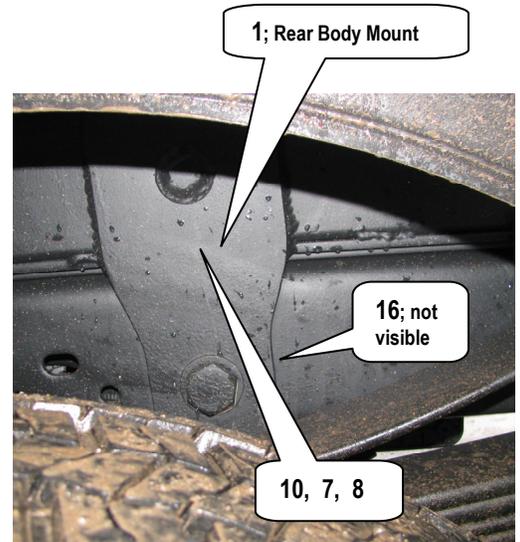
"Body-Mount"

Access Door



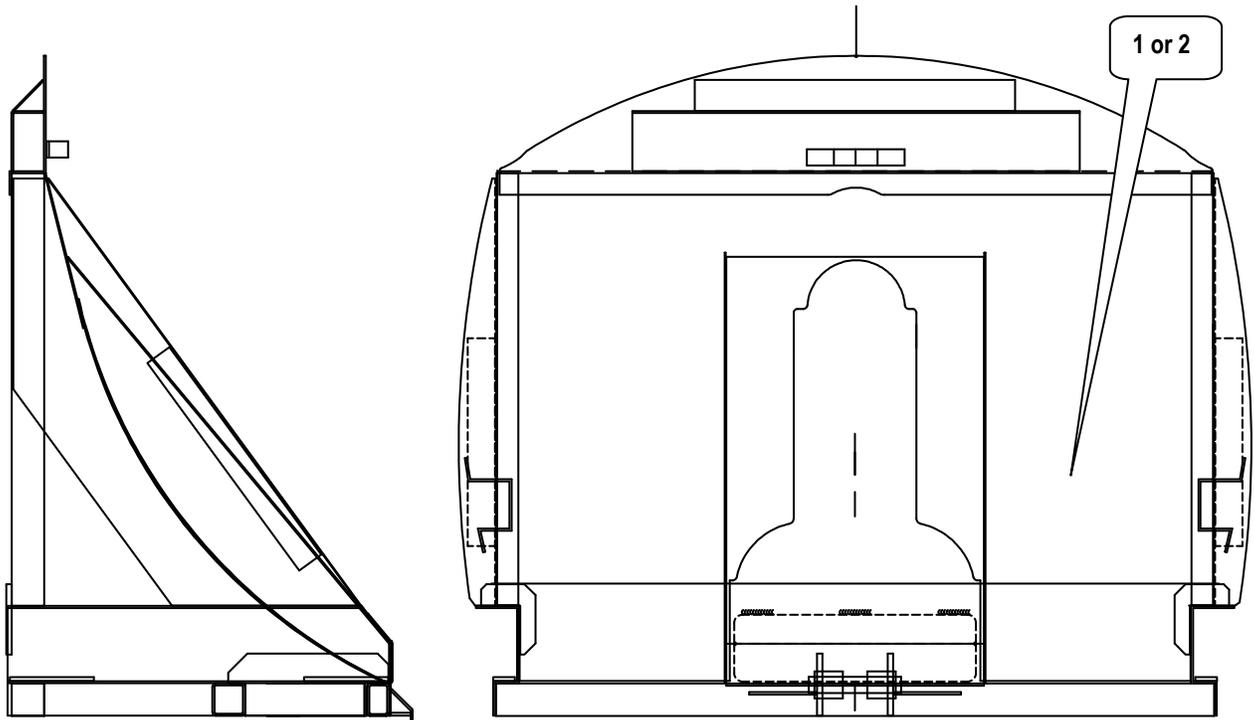
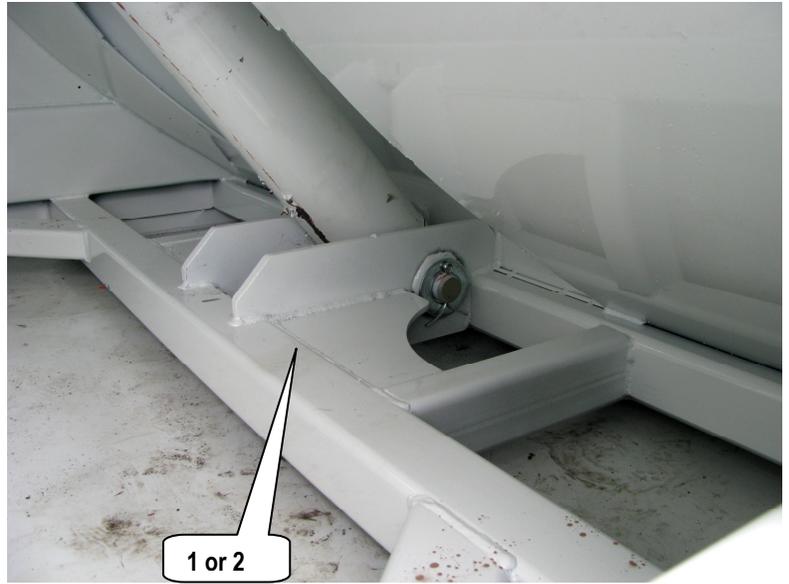
BODY MOUNTS (to the chassis)

NO	Q	DESCRIPTION	PART NO
1	2	Rearmost Body Mount Plate	0030278
2	2	Forward Body Mount Weld Assy- UPPER weld-on 6" wide style (one spring "std" style)	0103038
3	-	Forward Body Mount Weld Assy- LOWER bolt-on 6" wide style (one spring "std" style)	0103032
4	-	Forward Body Mount Weld Assy- UPPER weld-on 3 3/4" special NARROW width style (one spring)	0103107
5	-	Forward Body Mount Weld Assy- LOWER bolt-on 3 3/4" special NARROW width style (one spring)	0103108
6	2	Capscrew- 1" UNC x 7" lg (gr 5)	9950581
7	4	Lock Nut 1" UNC	9950034
8	8	Flatwasher- 1" SAE	9950110
9	2	Compression Spring	9960044
10	2	Capscrew- 1" UNC x 3 1/2" lg GRADE 8	9950850
11	8	3/4" UNC x 2" lg Flange head Frame Bolt (Gr 8)	9950802
12	8	3/4" UNC Flange head Hex Nut (Grade 8 frame)	9950050
13	2	Mid Guide Channel (slipper guide) <i>NOT used for 6 yard Elite (needed for 8,10,11)</i>	0070099
14	a/r	Shimmer (for Mid Slipper Guide) 1/8" thk	0031617
15	a/r	Shimmer (for Mid Slipper Guide) 1/4" thk	0030819
16	a/r	Shimmer (for Rearmost body mount) 1/8" thk	0040525
17	a/r	Shimmer (for Front Lower mount) 1/8" thk	0021427
18	a/r	Shimmer (for Front Lower mount) 1/4" thk	0030898



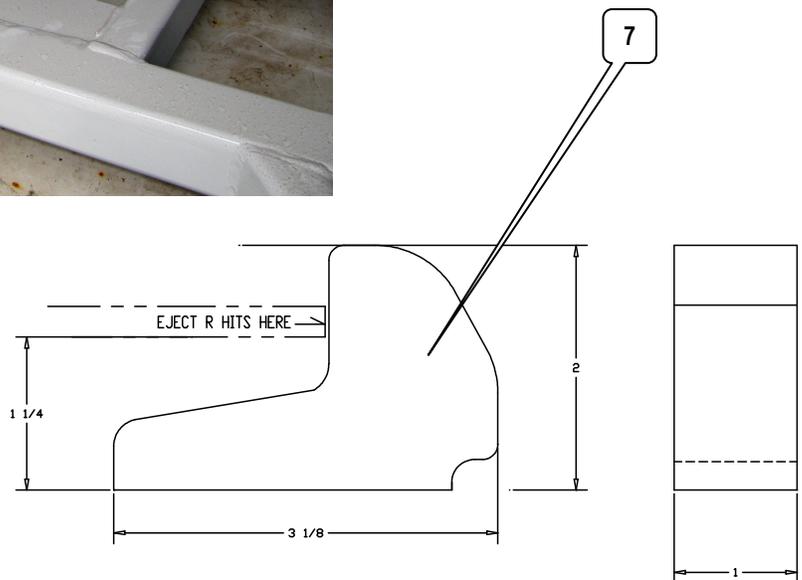
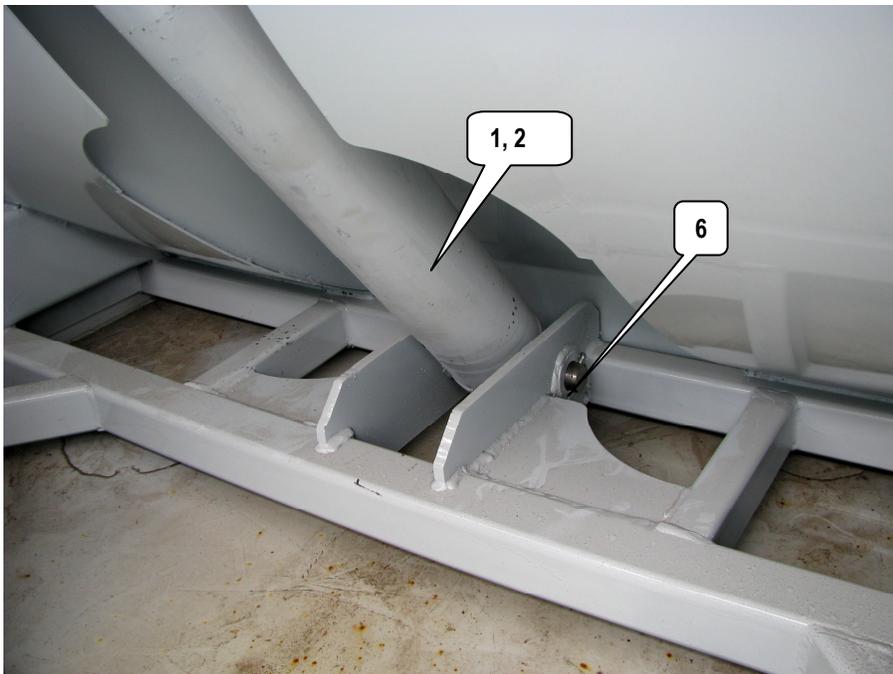
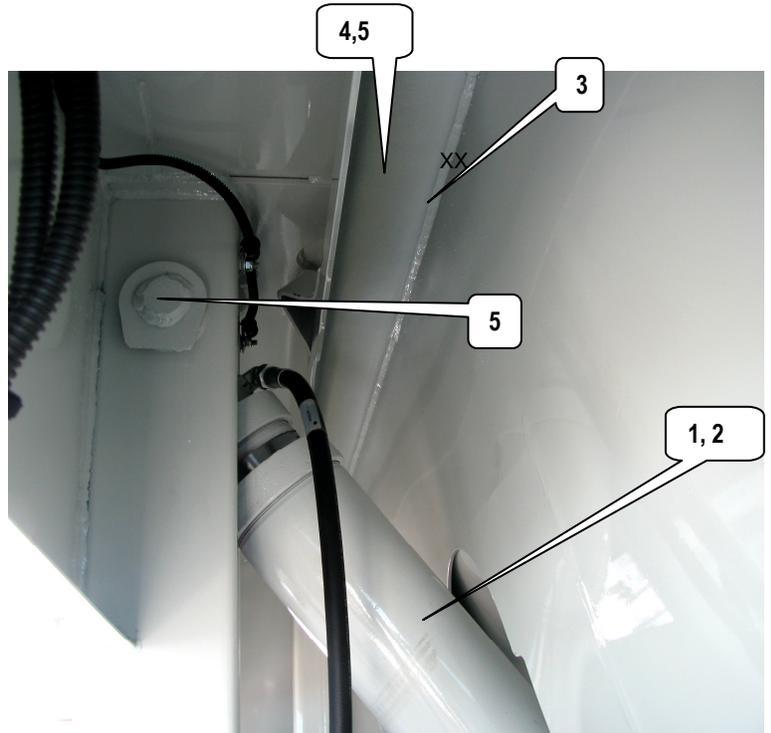
EJECTOR BLADE

NO	Q	DESCRIPTION	PART NO
1	1	Ejector Blade Weld Assy- 6YD/ 8YD/ 10YD	0100143
2	1	Ejector Blade Weld Assy- 11yd	0100491
3	-	-	-
4	-	-	-
5	-	-	-
6	-	-	-
-	-	-	-
-	-	-	-



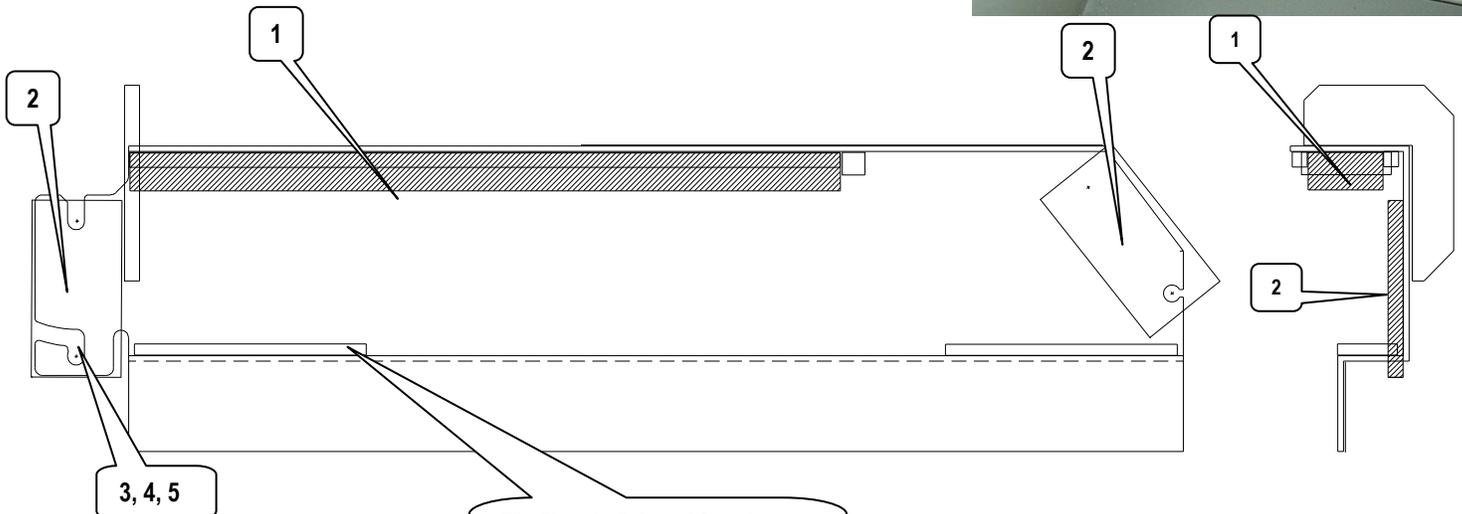
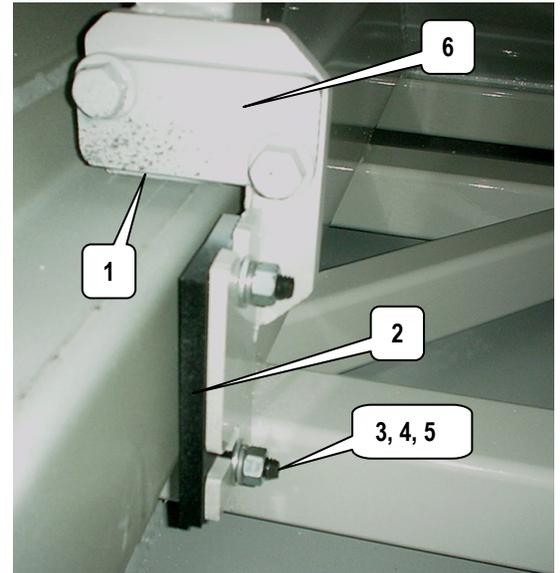
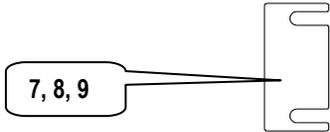
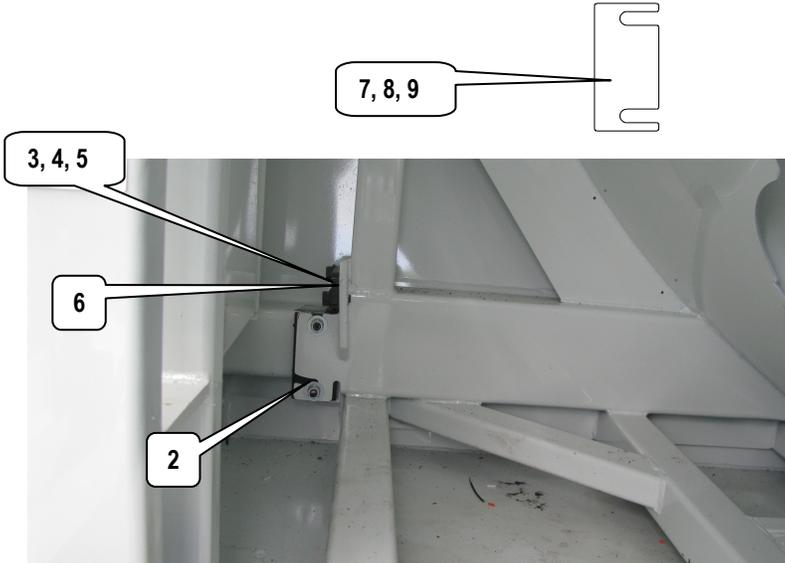
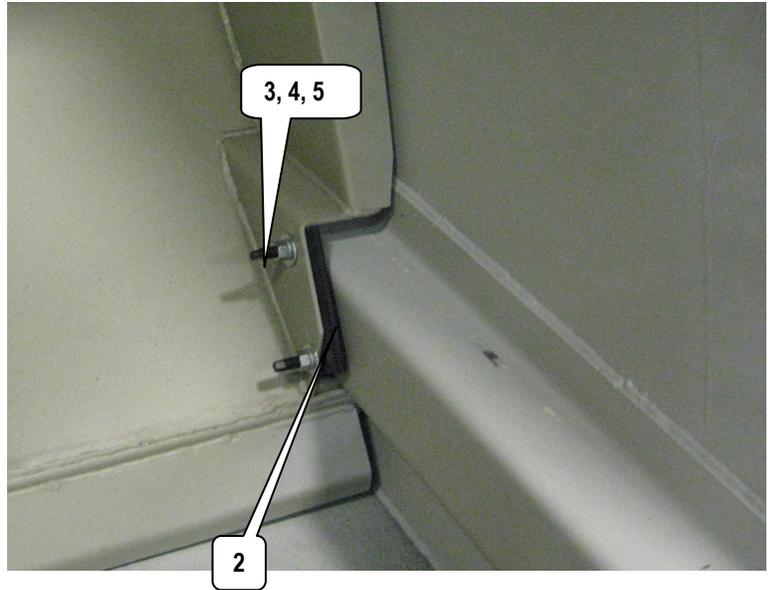
EJECTOR's TELESCOPIC CYLINDER and PINNINGS

NO	Q	DESCRIPTION	PART NO
1	1	Ejector "Rod-type" Cylinder- ELITE 6 yard only	9937064
2	-	Seal Kit (for cylinder 9937054)	8800664
3	1	Ejector Telescopic Cylinder- E8, E10, E11	9937061
4	-	Seal Kit (for telly cyl 9937061) contact factory	call
5	1	Pin Sub Weld Assy (body-side/ telescopic)	0102124
6	1	Pin Sub Weld Assy (ejector-side/ tele)	0102123
7	2	Ejector Stop (Weld-On) - 8 Yard Elite ONLY <i>Welds to top surface of body's ejector track channs</i>	0031612
9	Q	X	
10	Q	X	
-	-	-	
-	-	-	



EJECTOR's TRACKING POLYMER SHOES...etc

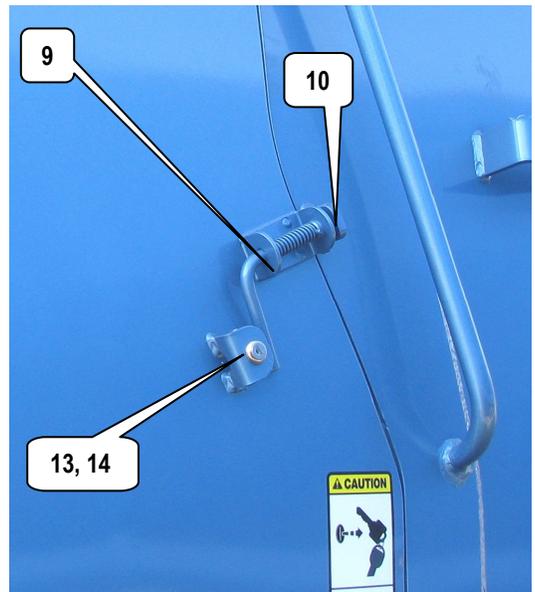
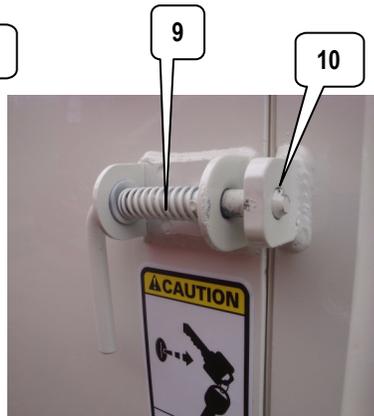
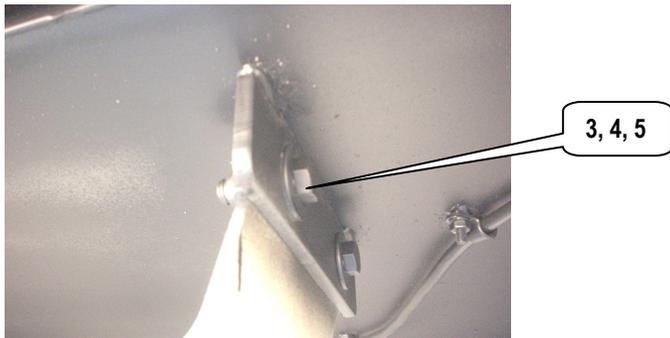
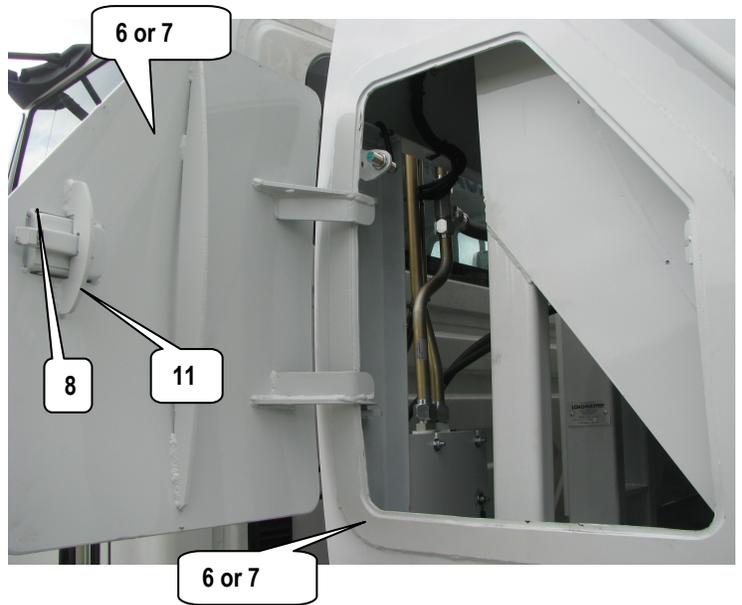
NO	Q	DESCRIPTION	PART NO
1	2	Main HiLoad Polymer Shoe (Elite Ejector)	2600076
2	4	Yaw (aka...Tailwag) Polymer Shoe	2600024
3	8	Countersunk Screw- 1/2-13 unc x 2 1/4" lg (w/ Flats)	2600123
4	8	1/2 UNC Hex Nut (use 242 Threadlocker)	9950148
5	4	Flatwasher- 1/2" SAE	9950105
6	2	Shoe Retainer- 2- bolt Elite style	0031170
7	a/r	Shimmer- Yaw Guide (3/16" thk)	0021290
8	a/r	Shimmer- Yaw Guide (1/4" thk)	0031149
9	a/r	Shimmer- Yaw Guide (3/8" thk)	0031818
10	a/r	Shimmer- Yaw Guide (1/8" thk)	0021289
11	Q	X	
12	Q	X	



Elite Ejector's "Rebound Shoes" are steel (not polymer for Elite), and they weld-on **0040650 <4 req>**

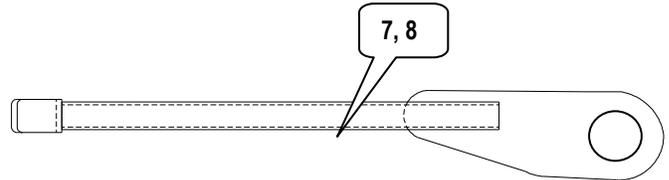
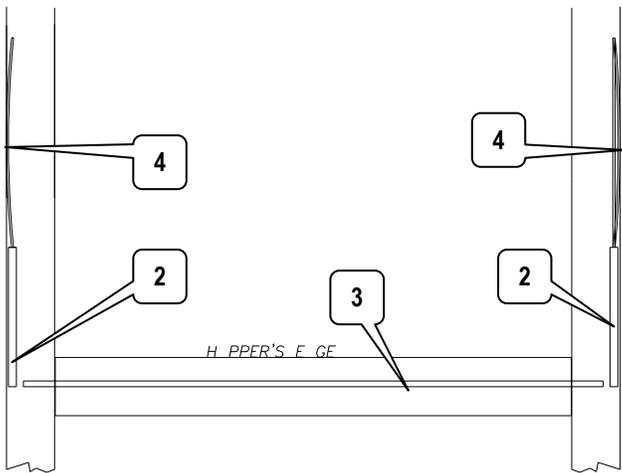
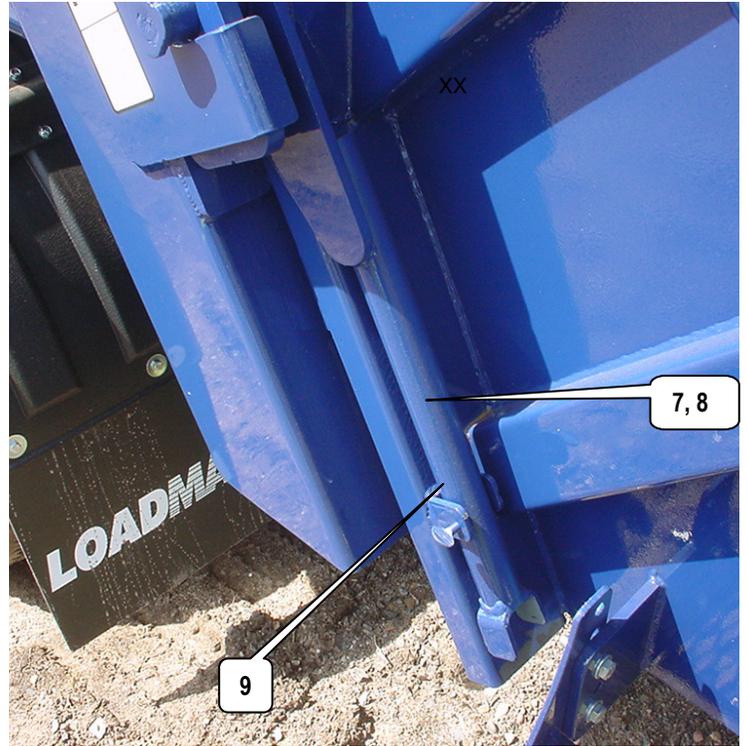
BODY SIDE ACCESS DOOR & LADDER

NO	Q	DESCRIPTION	PART NO
1	1	Ladder Weld Assy (2-rung)	0120730
2	-	Ladder Weld Assy (1-rung ...for "low rails" chassis)	0120769
3	4	Hex Head CapScrew- 1/2" unc x 1/2" lg	9950702
4	4	1/2" UNC Nylock Nut	9950029
5	9	1/2" Flat washer – SAE	9950105
6	1	Door & Door Jamb – "Paddle-style <i>slam</i> latch"	0021252
7	1	Door & Door Jamb- " Bolt style latch "	0023440
8	1	Paddle Latch (Key'd w/ 2 keys)	9960189
9	-	" Bolt-style " Latch (aka.. External latch)	9960269
10	-	Catch (welds on...for "bolt style latch")	0040742
11	1	Bracer Rib (for "paddle style latch")	0030998
12	1	Grab Handle – Elite style	0050024
13	1	Key Lock Mount Bracket	0021589
14	1	Lock & Keys	9960269

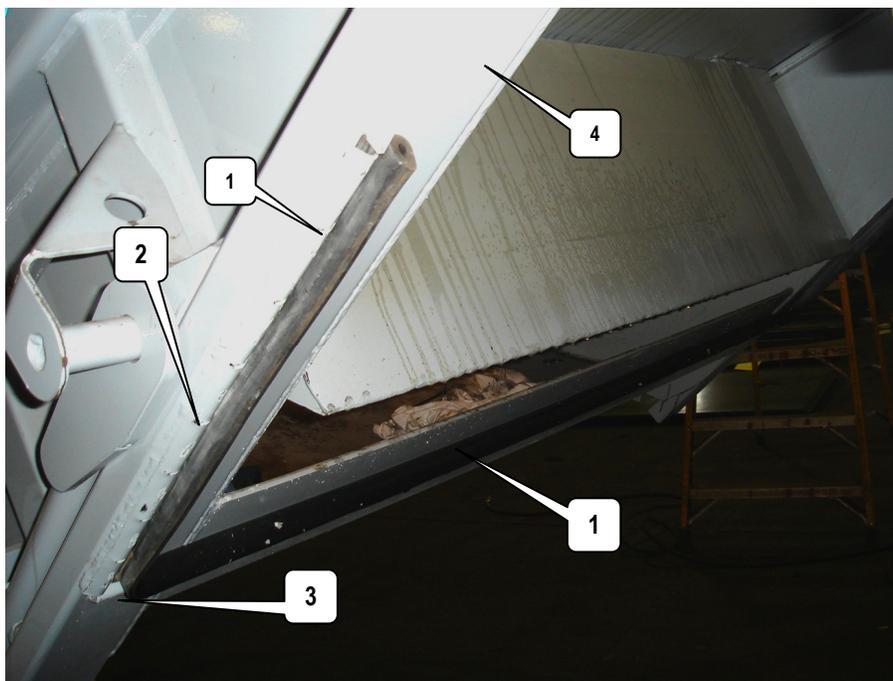


GATE-TO-BODY SEALING & GATE'S PROP ROD

NO	Q	DESCRIPTION	PART NO
1	1	Rubber "P-shape" Seal- 16 foot continuous	9960190
2	2	Vertical "Pound Over" seal clamp (24")	0021324
3	1	Horizontal "Pounder Over" seal clamp (71 1/2") <i>Items 2 & 3 are welded to gate Shell</i>	0021323
4	2	Gap Fill Steel Bar (1/4 x 3/4 hr bar x 36" lg) <i>Just ABOVE the vertical rubber seal</i>	0040748
5	-	-	
6	-	-	
7	1	Prop Rod Weld Assy- RH	0101351
8	1	Prop Rod Weld Assy- LH	0101352
9	2	Holder/ Storage Bracket (for prop rod)	0030620
10	2	Thumbscrew- 3/8 UNC x 1" lg	9950261
11	-	-	



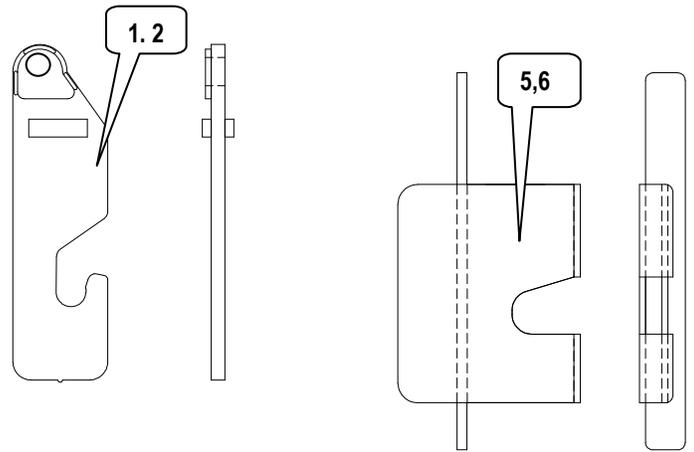
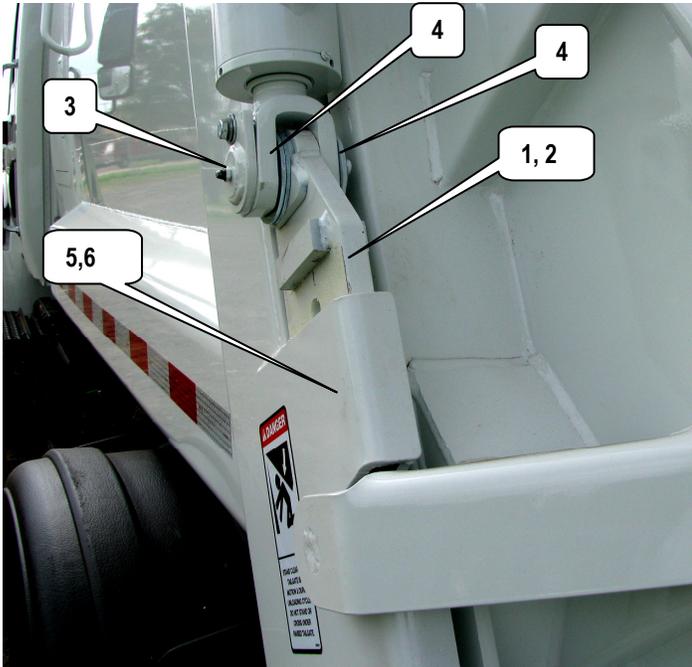
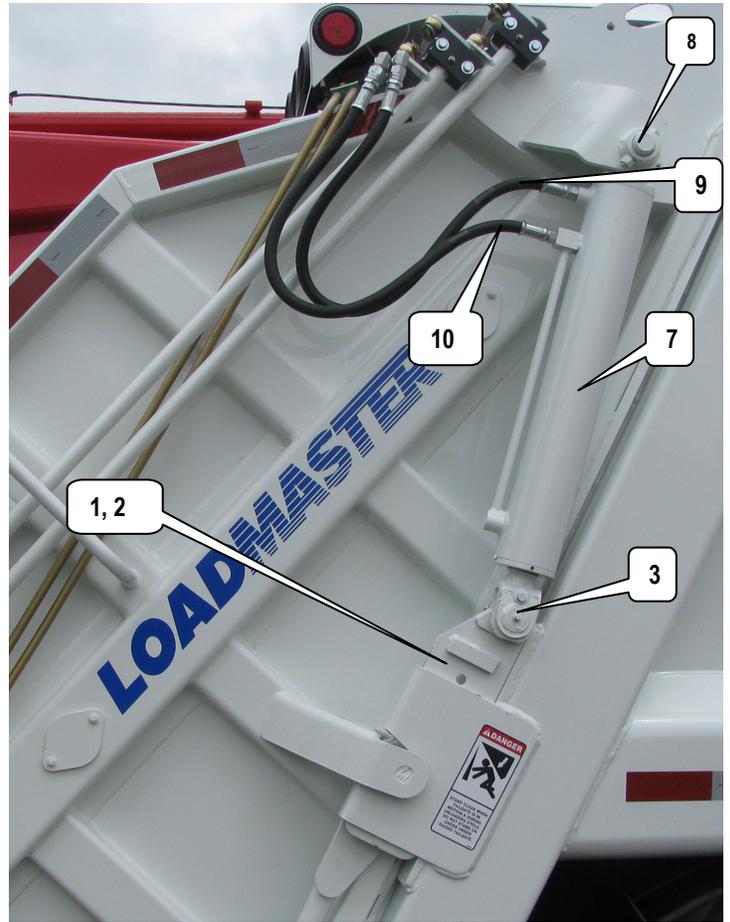
DANGER!! Never "work under" or "cross under" a Raised Tailgate ...unless it is **"3-WAY SUPPORTED"**!
 Read / STUDY your OPERATOR'S & MAINTENANCE MANUALS for SAFE methods of "supporting" a Raised Tailgate.



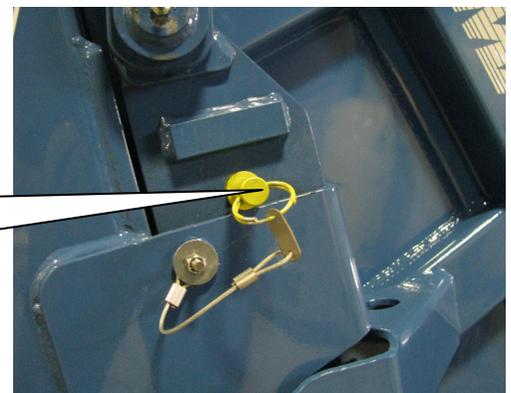
AUTOMATIC TAILGATE LOCKS (STANDARD on the ELITE)

NO	Q	DESCRIPTION	PART NO
1	1	Lock Bar Weld Assy- LH Elite	0100179
2	1	Lock Bar Weld Assy- RH Elite	0100180
3	2	Pin Weld Assy- Body-side pinner Cylinder's Rod Side clevis	0102125
4	a/r	Flat Washer- 1 1/2" SAE	995xxxx
5	1	Lock Box Weld Assy- LH	0100175
6	1	Lock Box Weld Assy- RH SubWeld...welds to body	0100176
7	2	Gate Lift Hydrau Cylinders (Elite)	9937063
8	2	Gate Cyl Pinner (upper , cyl's Base End)	0080201
9	2	Hose Assy- 1/2 x 38" Lg. (gate up)	9934142
10	2	Hose Assy- 1/2 x 40" lg (gate dwn)	9934143
11	Q	X	
12	Q	X	

13 -
 14 -
 15 - Lanyard'd Back-Up Detent Ball pin **KIT** 0120723
*(NOT standard...Orderable as a FIX. Only IF a unit tends to want to drift/ unlock On-The-Route. Should NOT normally need this KIT...but if this KIT is installed ,then assure the **Warning Decal** in this kit.. is affixed to Body Face also)*

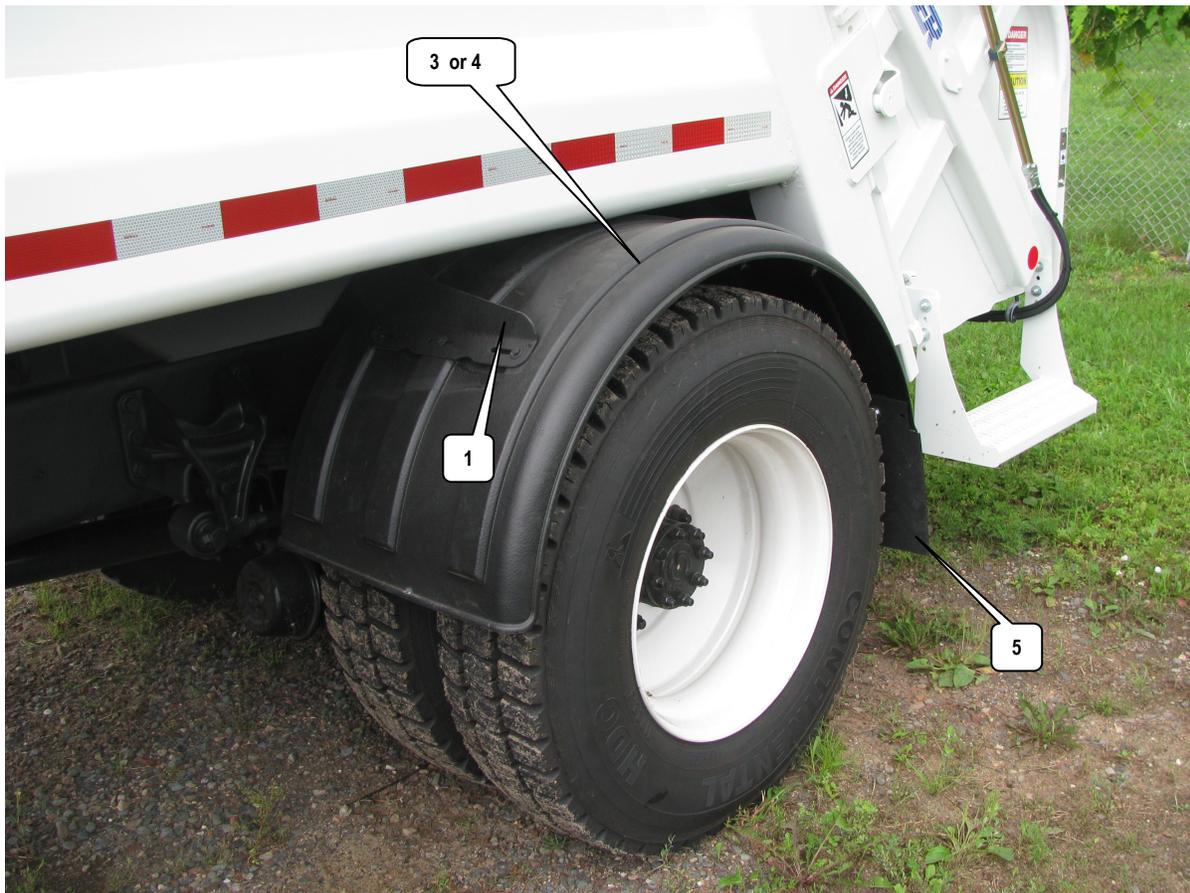
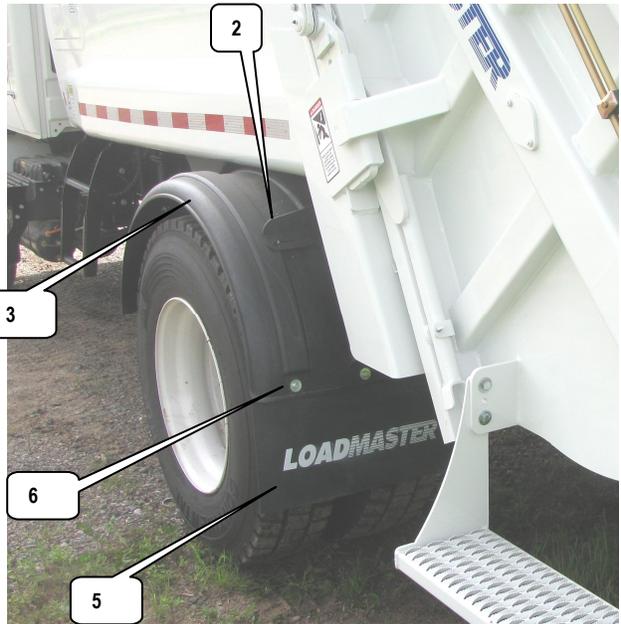


15 ; "BACK-UP / ANTI-DRIFT OPEN LANYARD PINS "KIT" ... USE "BACK UP" PINS ONLY IF RARE NEED (not STANDARD)



REAR TIRE "SHROUDING" & MUDFLAPS

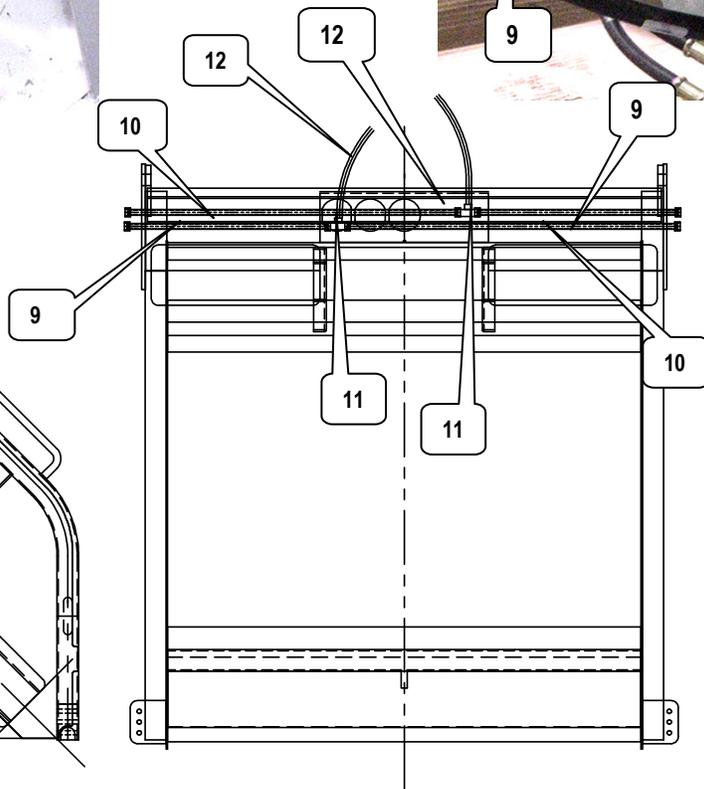
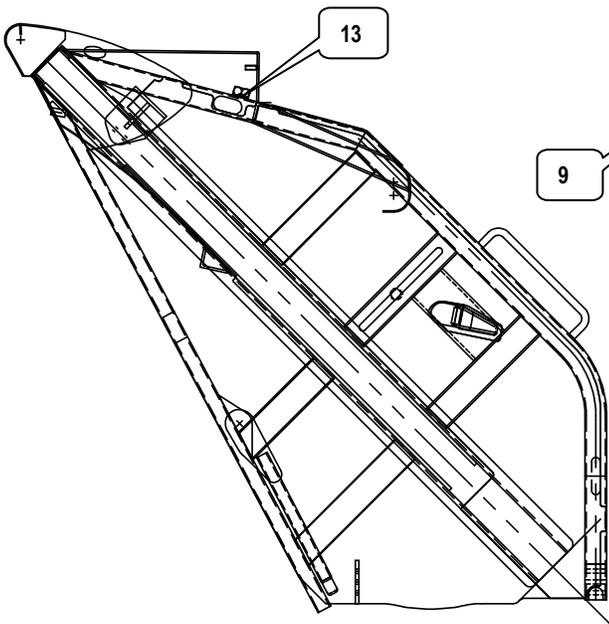
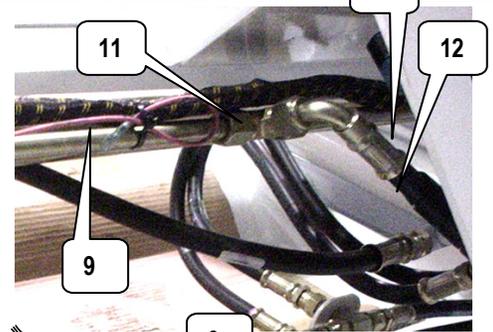
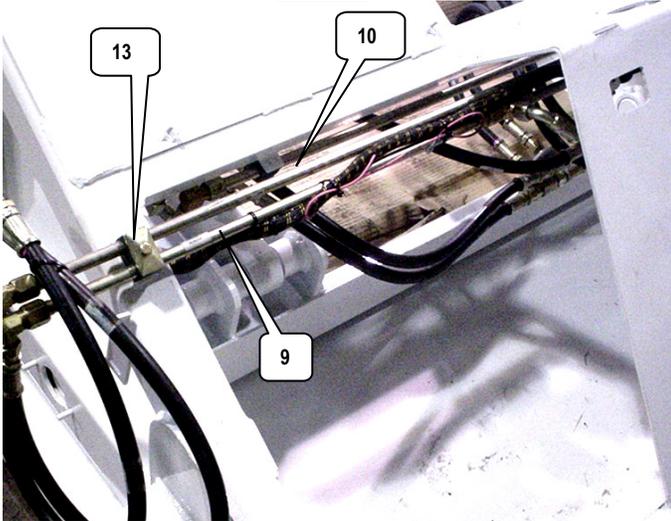
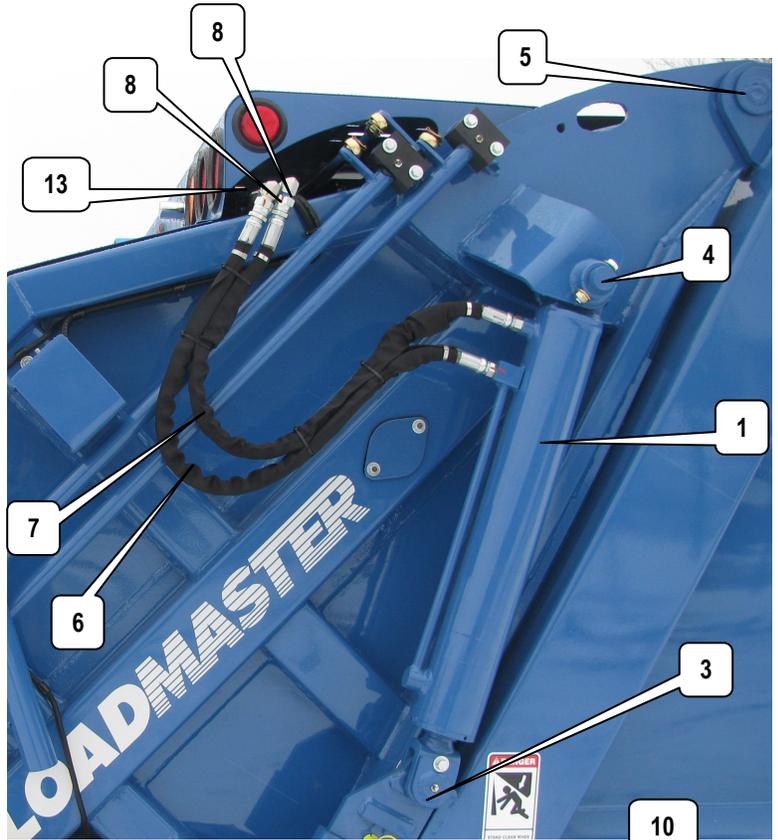
NO	Q	DESCRIPTION	PART NO
1	2	Forward Shroud Bracket (<i>welds to body floor</i>)	0031824
2	2	Rearward Shroud Bracket <i>Brackets "work" for either 19.5 or 22.5</i>	0031825
3	2	Tire Shroud – a pair...for 19.5 tire size (common)	9960159
4	-	Tire Shroud- a pair...for 22.5 tire (uncommon for Elite)	9960157
5	2	Flat Mud Flap- logo'd (trimmed to 14" tall for Elite)	2600080
6	2	Retainer Strip (for flat flap: steel 4-bolt)	0040075
7	24	Fender Washer- 3/8 x 1 1/2 od	9950880
8	- -		
9	- -		
10	- -		



GATE's RAISE/LOWER CYLINDER (and PINNINGS, PLUMBINGS)

NO	Q	DESCRIPTION	PART NO
1	2	Lift Cylinder- Tailgate raise/ llower	9937063
2	-	Seal Kit for lift cylinder 9937063	8800656
3	2	Pin Weld Assy- bodyside pinner <i>See Sec01-pg 7 for AutoLok items</i>	0102125
4	2	Pin- gate lift cylinder- gate-side	0080201
5	2	Pin Weld Assy- Main Hinge...gate-to-body	0101048
6	2	Hose Assy- 1/2 x 40 (#8 ORB x #10 JIC f/s)	9934143
7	2	Hose Assy- 1/2 x 38 (#8 ORB x #10 JIC f/s)	9934142
8	4	90 Degr Adapter- #10 jic male x #10 jic male)	9933063
9	2	Hydrau Tube Assy- 5/8" OD x 28"	9930222
10	2	Hydaru Tube Assy- 5/8" OD x 46"	9930223
11	2	Tee- #10 jic male (2 runs & branch)	9333014
12	2	Hose Assy- 1/2 x 67 (#10jic male x #10jic f/s 90degr) <i>from TEE's...to roof tubes...then to Body-Mtd Valve</i>	9934145
13	2	Tube Clamp- Twin 5/8"	9960064

AutoLocks is Base Product Standard for the ELITE

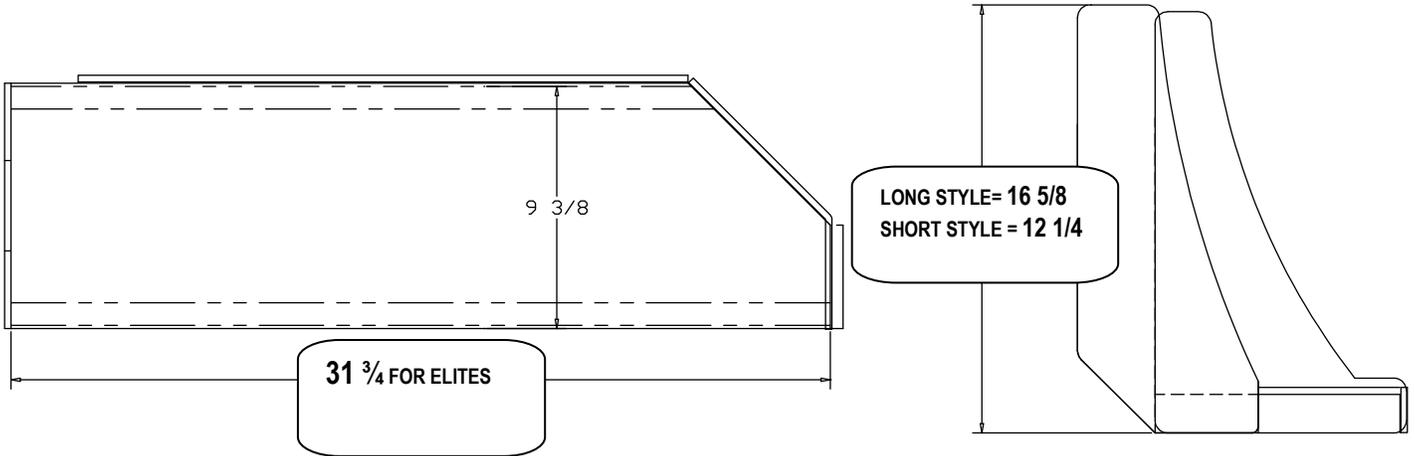


GATE SIDE RIDING STEP & "TRACK CAPS"

NO	Q	DESCRIPTION	PART NO
1	1	Riding Step Weld Assy- RH (long bracket=16 5/8")	0120733
2	1	Riding Step Weld Assy- LH (long bracket=16 5/8") <i>Long bracket IS the default/ standard step</i>	0120732
3	-	Riding Step Weld Assy- RH (short bracket = 12 1/4")	0120286
4	-	Riding Step Weld Assy- LH (short bracket = 12 1/4") <i>"short" style is used for a very LOW Rail Chassis</i>	0120287
6	4	Cap Screw- 1/2 UNC x 4 1/2" lg	9950714
7	4	Cap Screw- 1/2 UNC x 1 1/2" lg	9950702
8	4	Track Cap	0031224
9	4	Rubber Gasket- for track cap	9960262
10	Q	X	
11	Q	X	
12	Q	X	

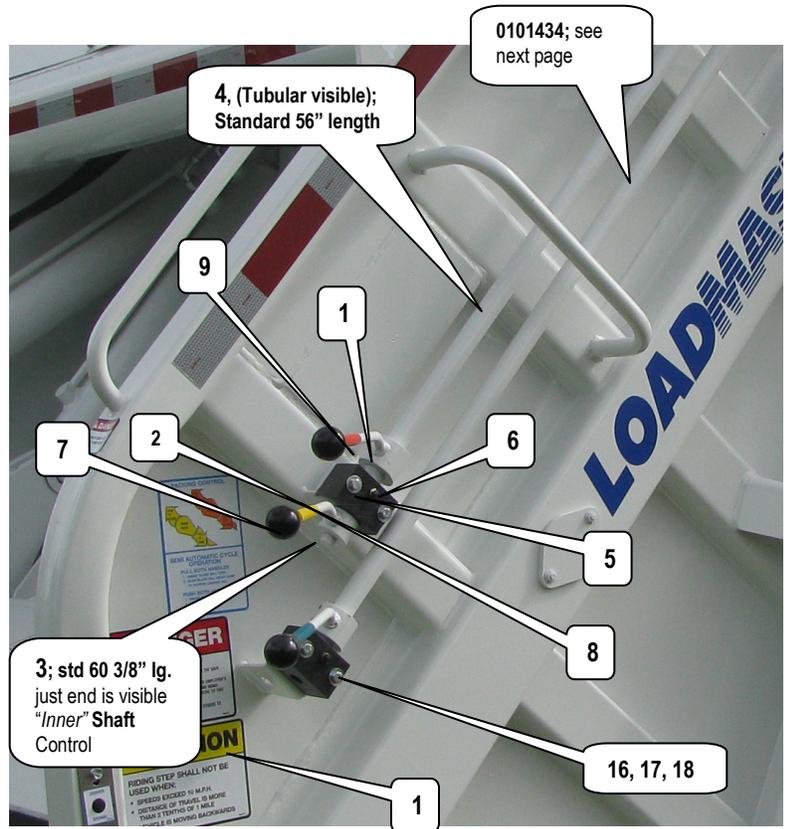


LH/ DRIVER'S SIDE SHOWN



GATESIDE's CONTROLS

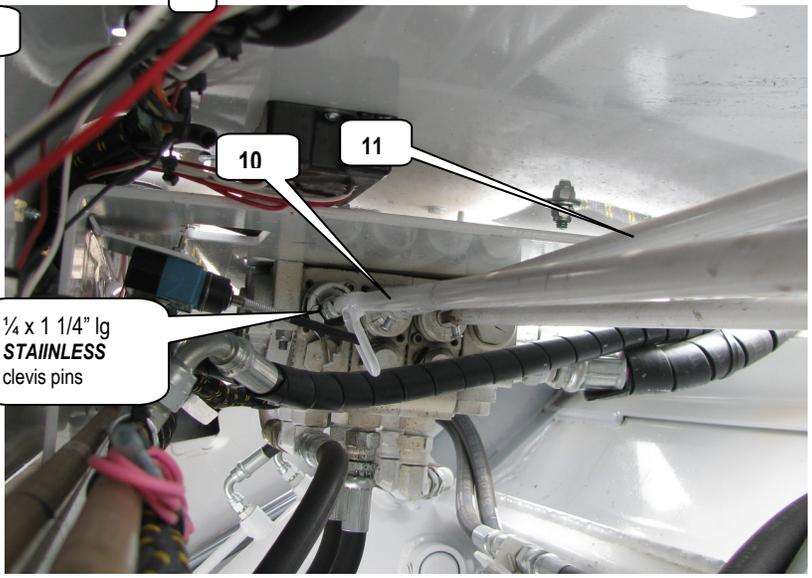
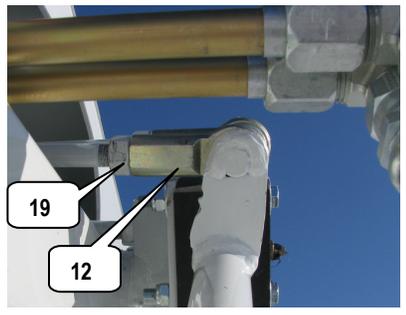
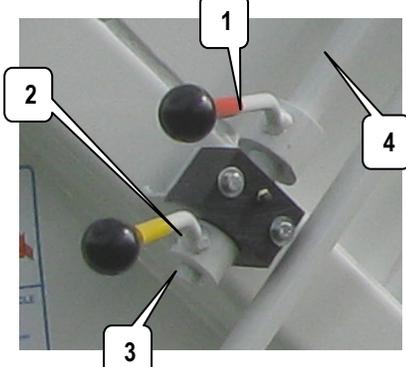
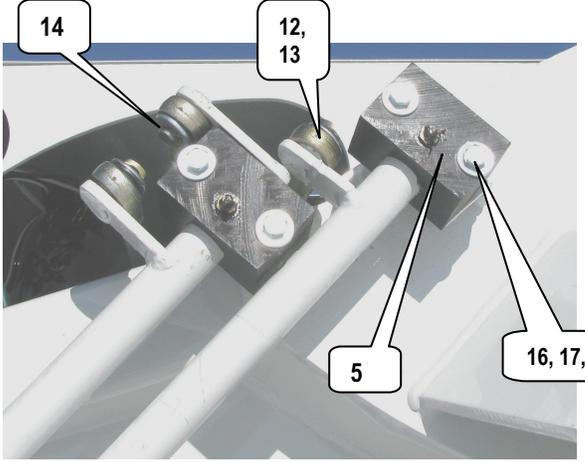
NO	Q	DESCRIPTION	PART NO
1	2	"Bent-Lever Weld Assy"- 1 1/8th BORE	0101239
2	1	"Bent Lever Weld Assy"- 3/4 BORE	0101421
3	1	Control Shaft Weld Assy- Sweep (<i>inside tube</i>)	0101430
4	1	Control Tube Weld Assy- Slider <i>Shaft weldment slips "inside" tube weldment</i>	0101431
5	2	Bearing Block- Polymer for "controls" <i>Poly block includes steel insert tubes & zerk</i>	0101160
6	-	Grease Zerk 1/4" npt (rev JUL '15)	9950288
7	a/r	Phenolic Knob (<i>tapered</i>)	9960221
8	1	Yellow color code sleeve (Sweep is Yellow)	9960222
9	1	Orange color code sleeve (Slider is Orange)	9960223
10	1	Push-Pull Rod Weld Assy-Slider's (w/switch trigger)	0101261
11	1	Push-Pull Rod -Sweep's (no trigger; V20 style) <i>Item #11 also used for OPTION spools, as needed</i>	0080178
12	3	Spherical Rod End (1/2" x 1/2" UNF)	9960331
13	3	Clip (for spherical end)	9960333
14	4	FlatWasher- 1/2" sae	9950105
15	-	-	--
16	4	CapScrew- 5/16 UNC x 3" lg	9950560
17	8	FlatWasher- 5/16 sae	9950102
18	4	HexNut- Nylock 5/16 UNC	9950026
19	2	Jamb Nut 1/2" UNF (jamb's spherical end)	9950017
20	-	Shim (moves bearing block "outward"- 3/16" thick) <i>Shim not shown/ not imaged</i>	0021546



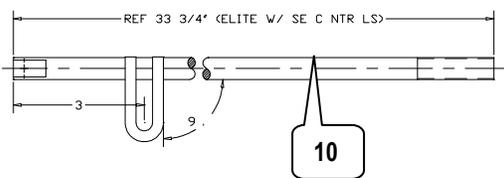
0101434; see next page

4, (Tubular visible); Standard 56" length

3; std 60 3/8" lg. just end is visible "Inner" Shaft Control

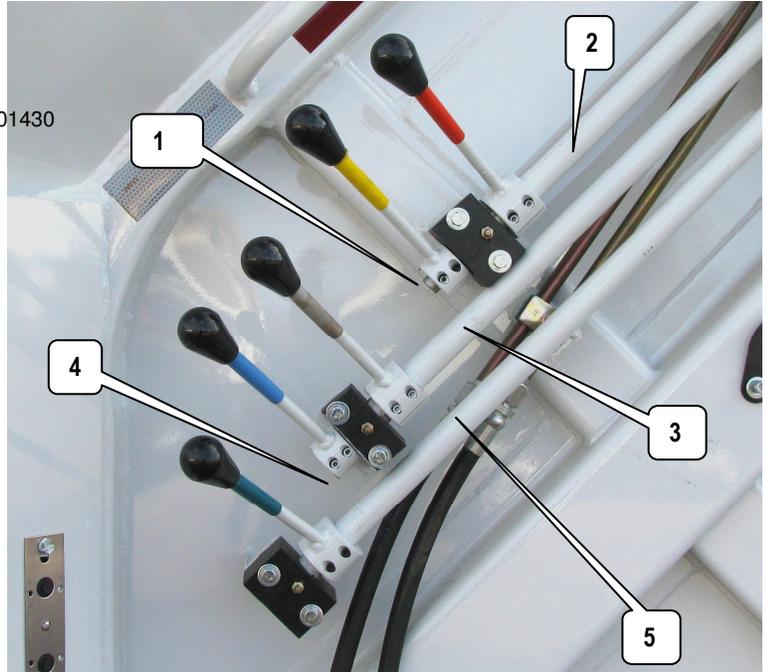


1/4 x 1 1/4" lg STAINLESS clevis pins



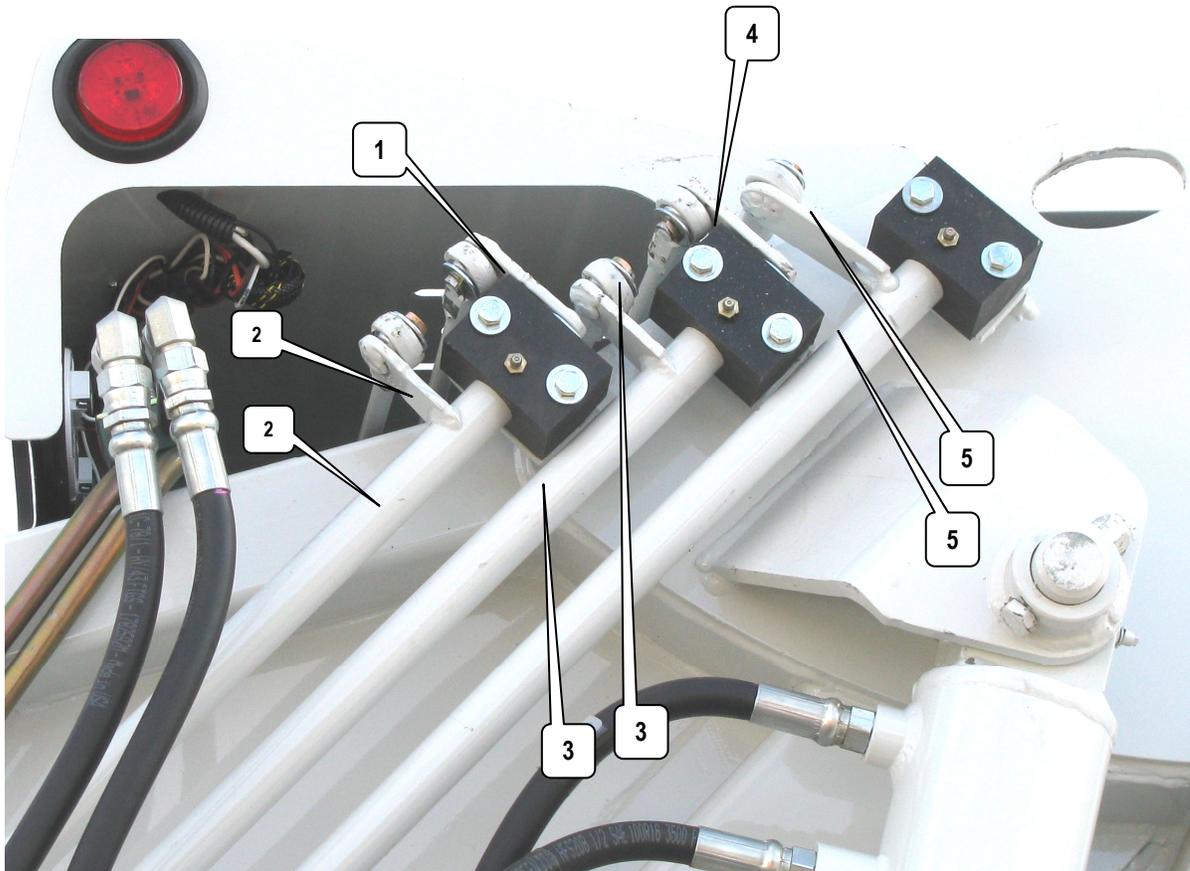
GATESIDE's CONTROLS- if up to a "5-SPOOL" ELITE (rare)

NO	Q	DESCRIPTION	PART NO
ZX1	1	Control Shaft Weld Assy- Sweep <i>60 3/8" long...Not visible in image; inside item #2</i>	0101430
2	1	Control Tube Weld Assy- Slider <i>56" long "STD/ common" tubular</i>	0101431
<i>Control items #1 and #2 are MATES to each other and are always the #1 and #2 spools for any and all Elites</i>			
3	1	Cntrl Tube W/A- " 1st OPTION " (on a Elite) <i>68 1/2" long tubular (if needed . .is the 3rd SPOOL)</i>	0101434
4	1	Cntrl Shaft W/A- " 2nd OPTION " (on a Elite) <i>73" long shaft style; not visible...is INSIDE item #3 (if needed... is the 4th SPOOL)</i>	0101433
<i>Controls items #3 & #4 are MATES to each other...used IF NEEDED</i>			
5	1	Cntrl Tube W/A- 3rd OPTION " (or a CT...on Elite) <i>79" long tubular; could be the 3rd OPT in a group of "5-SPOOL count".....or this tubular control could be "just", stand-alone control, for a Cart Tipper (CT)</i>	0101432



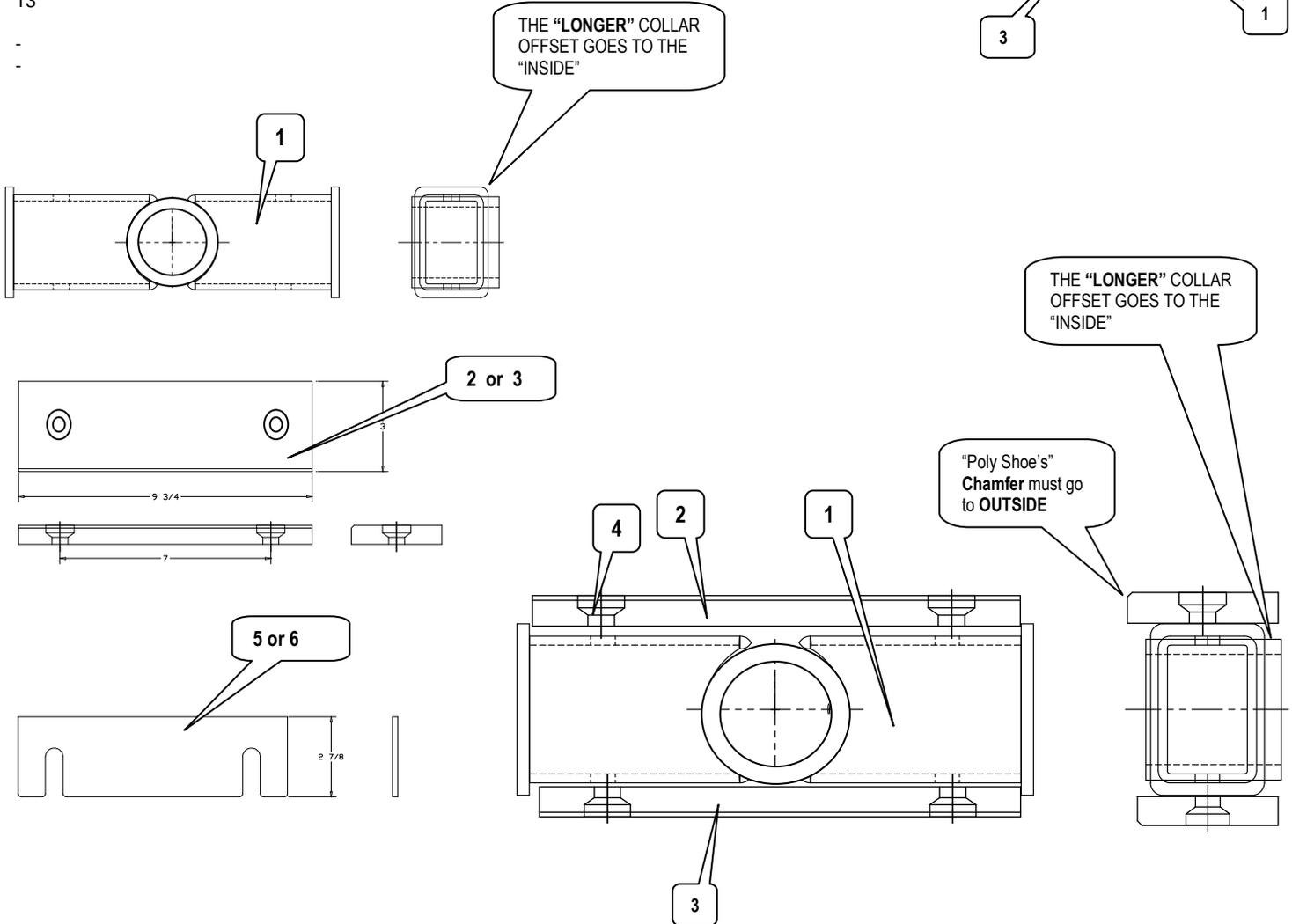
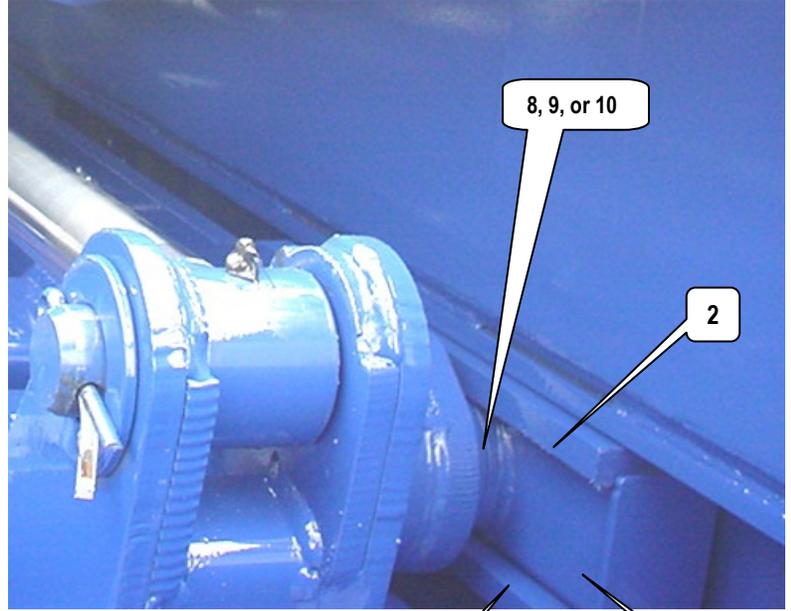
A "OPTION" is typically such things as a Roll Bar, and/or a 8K Drum winch, and/or a Cart Tipper (CT), etc etc

Note...the Valve Mount (a part of the GateShell weld assy) and the Light Pod Weld Assy are "standard/ everyday" Elite items UP TO and including the 4TH spool. However, if the Elite needs/ has to have a **5th spool** (meaning 3 OPTIONS needed), then the Valve Mount becomes a SPECIAL valve mount 0032057 <1 req> and the Light Pod Weld Assy becomes SPECIAL 0101429 <1 req> (to create the extra SPACE needed to "FIT" the 5 th spool need)



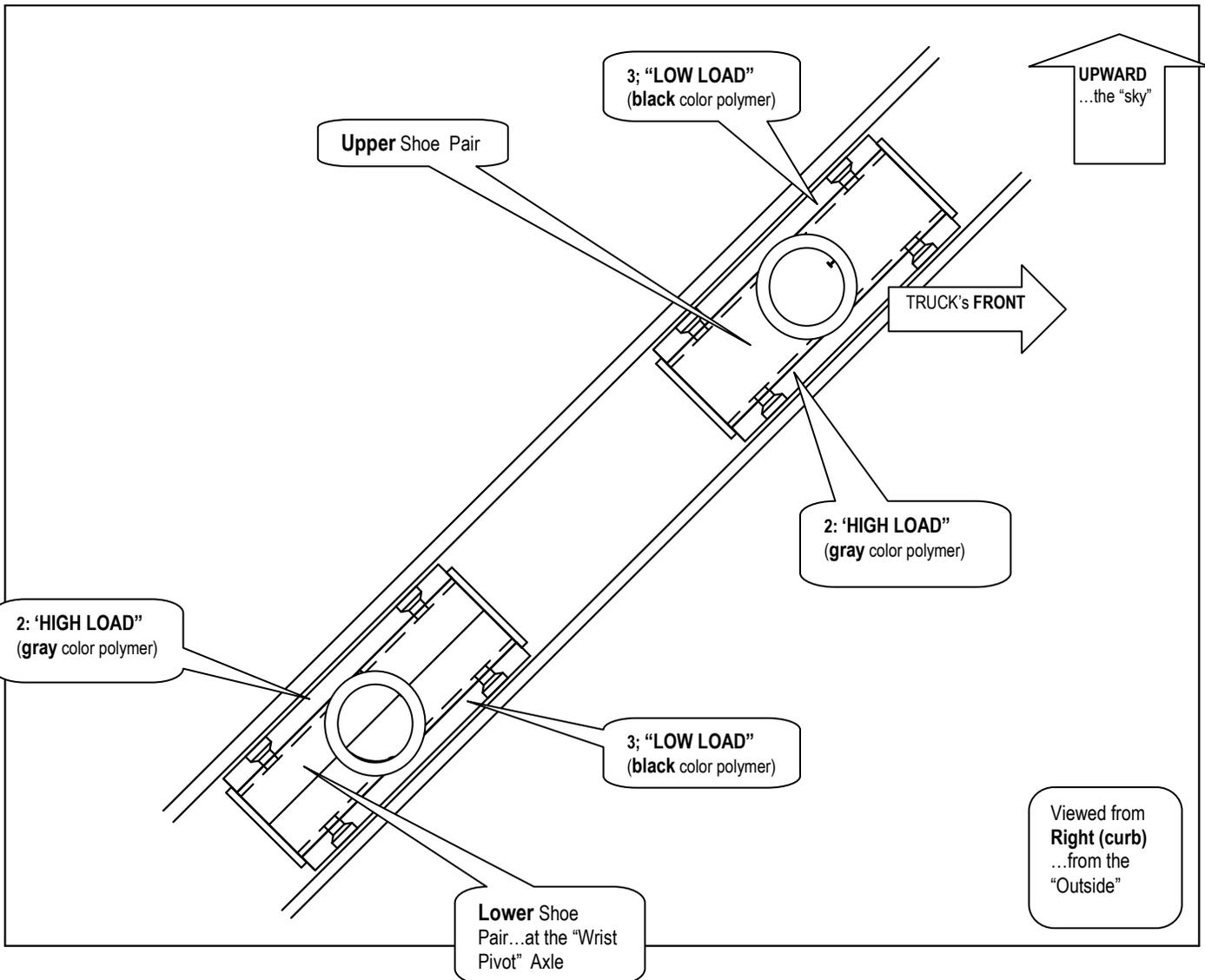
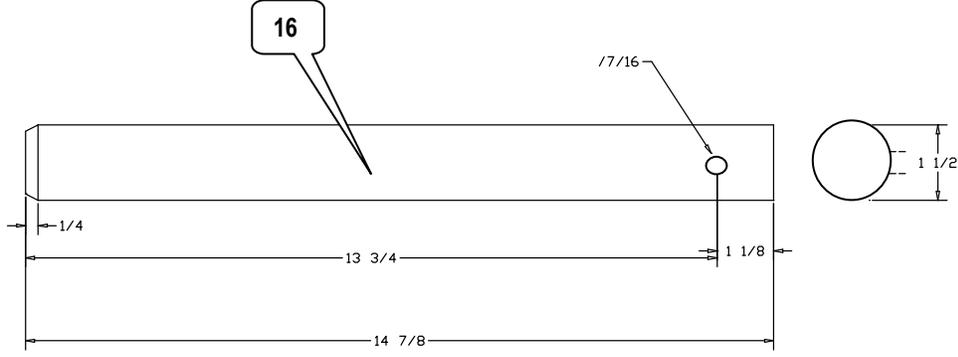
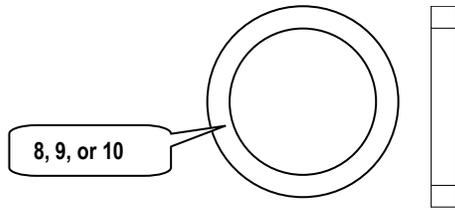
SLIDER BLADE SHOESINGS & SHOE AXLES

NO	Q	DESCRIPTION	PART NO
1	4	Shoe Weld Assy (shoe weldment ONLY) <i>Elite shoe is a "symmetrical" weldment.... Same weldment works at all "four corners"</i>	0102114
2	4	Polymer Wear Shoe- HIGH LOAD style <i>See next page for "high load" shoe locations</i>	2600083
3	4	Polymer Wear Shoe- LOW LOAD style <i>See next page for "low load" shoe locations</i>	2600077
4	16	Countersunk Screw- 1/2 -20 UNF x 1 1/4" lg	9950770
5	a/r	Poly Shoe SHIMMER- 1/8" thick	0021579
6	a/r	Poy Shoe SHIMMER- 3/16" thick <i>Elite poly shoes "rarely" need shimming</i>	0021580
8	a/r	Donut Axle Shim- 1/4" thick	0060318
9	a/r	Donut Axle Shim- 3/8" thick	0060319
10	a/r	Donut Axle Shim - 1/2" thick <i>Shims inserted between Shoe and Blade Used to create left VS right slider tracking</i>	0060320
11	Q	X	
12	Q	X	
13			



SLIDER's SHOES & AXLES & PINS

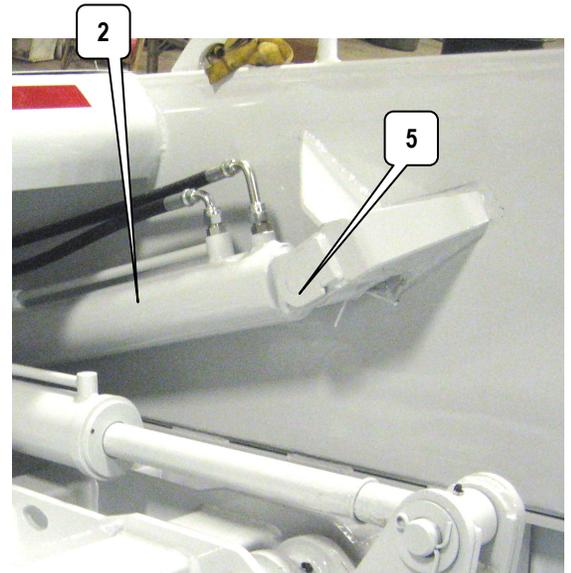
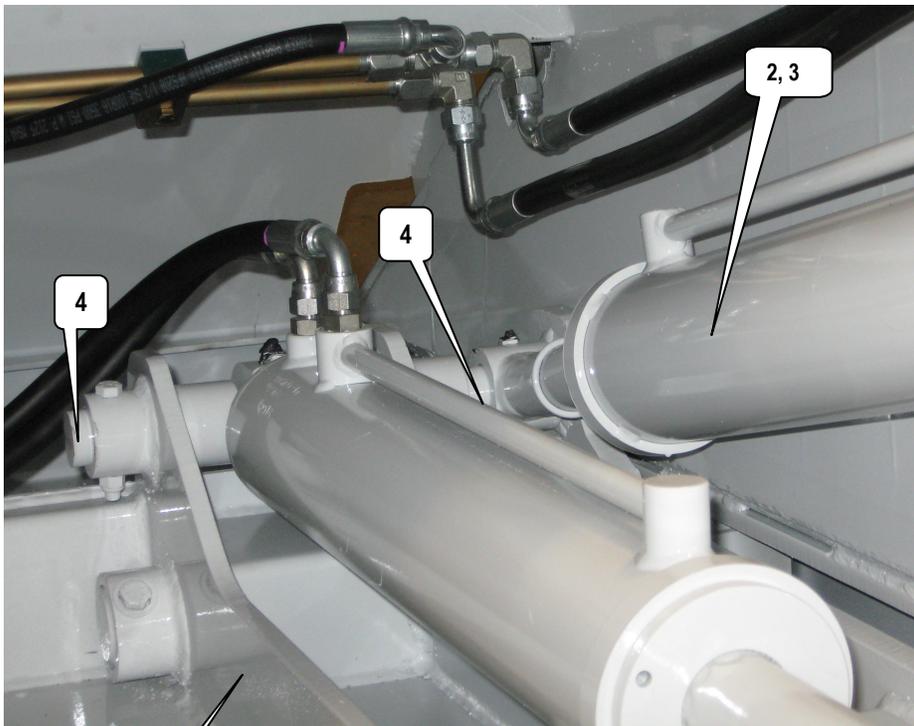
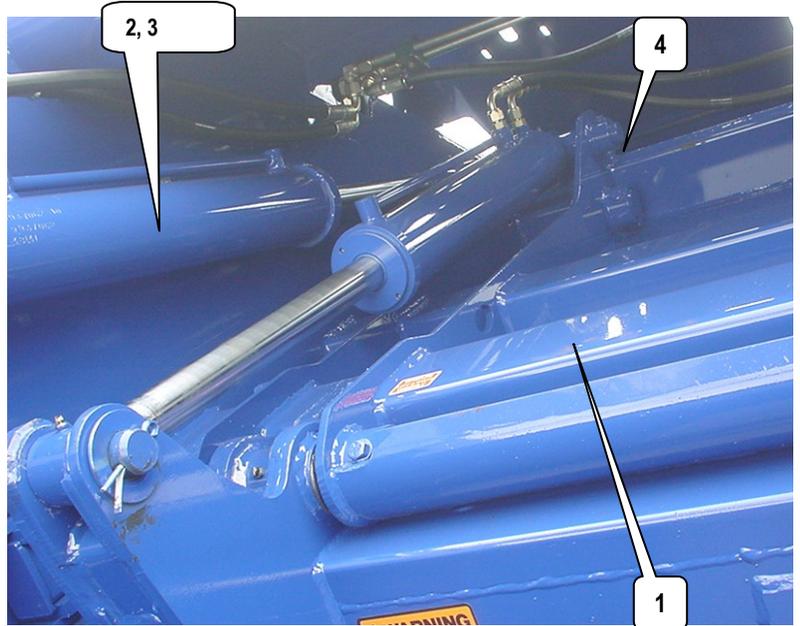
NO	Q	DESCRIPTION	PART NO
16	4	Shoe Axle Pin <i>Same pin/ Axle... works at all "four corners"</i>	0080147



SLIDER BLADE, SLIDER CYLINDERS & PINNINGS

NO	Q	DESCRIPTION	PART NO
1	1	Slider Blade Weld Assy	0102118
2	2	Slider Cylinder	9937062
3	-	Seal Kit (for Slider Cylinder 9937062) <i>For the Elite... the Slider Cylinder and the Sweep Cylinder are SAME cylinder</i>	8800656
4	2	Pin- Slide Cyl. Rod-Side & Sweep Base-Side	0080148
5	2	Pin Weld Assy - Slider Cyl Base-Side	0102121
6	-	-	
7	-	-	

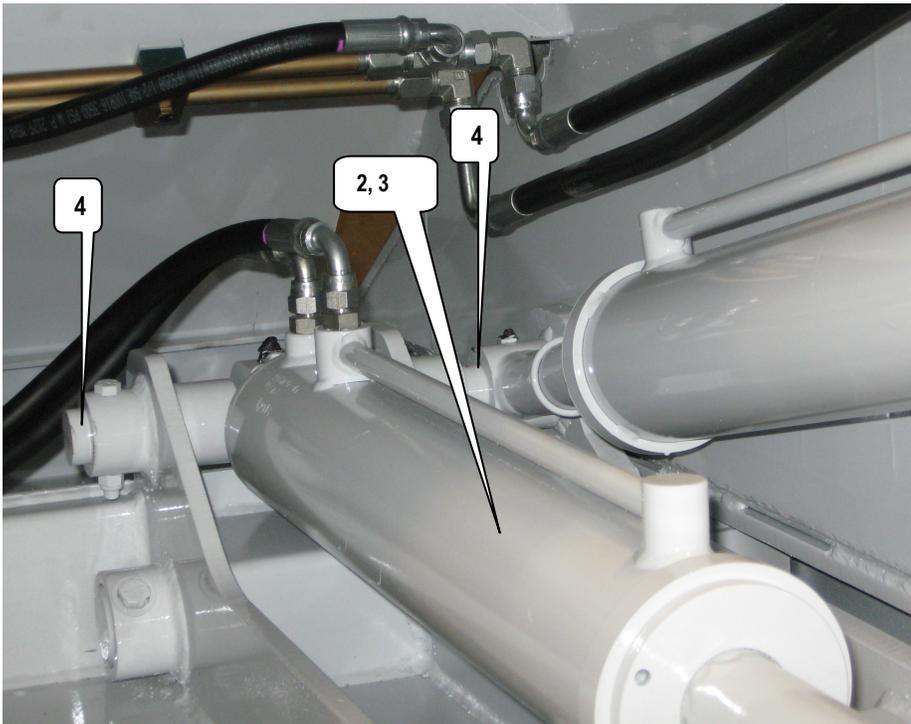
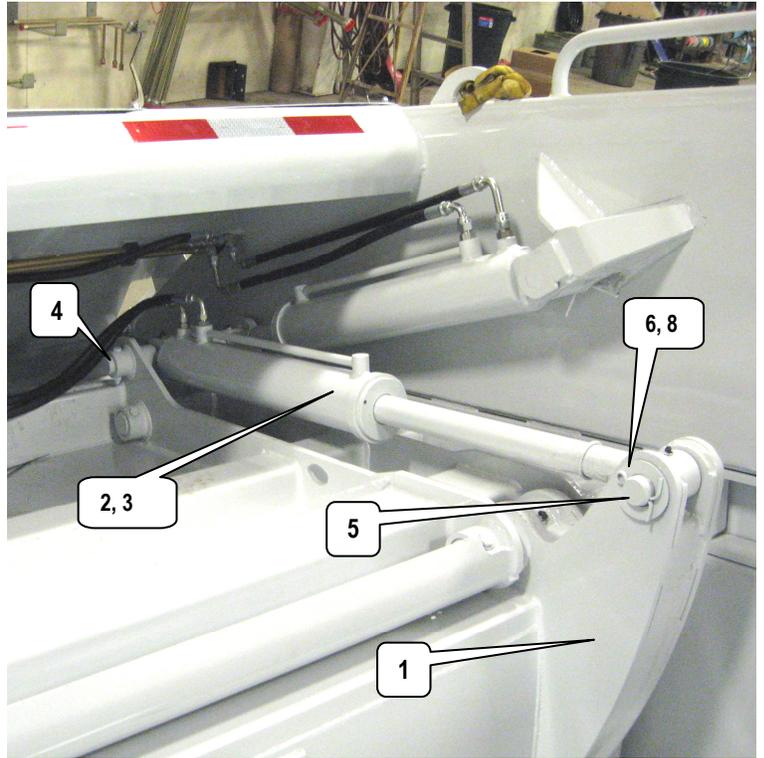
For the ELITE...the Slide cyls and the Sweep cyls are the SAME cyl



1

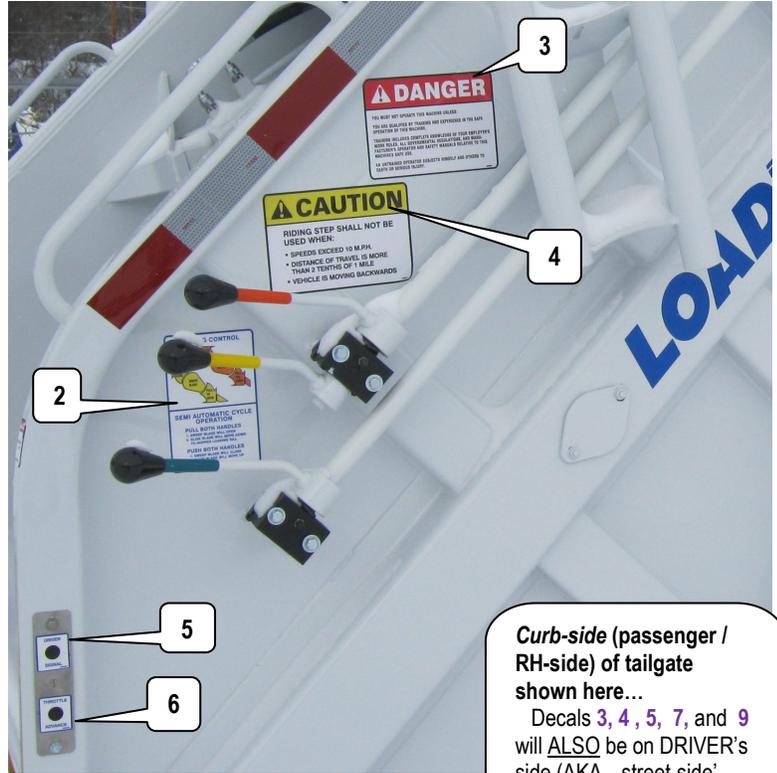
SWEEP BLADE, SWEEP CYLINDERS & PINNINGS

NO	Q	DESCRIPTION	PART NO
1	1	Sweep Blade Weld Assy	0102115
2	2	Sweep Cylinder <i>For the ELITE... "same" CYL for both slider and sweep</i>	9937062
3	-	Seal Kit (for Sweep Cylinder 9937062) <i>For the Elite... the Slider Cylinder and the Sweep Cylinder are SAME cylinder</i>	8800656
4	2	Pin- Slide Cyl. Rod-Side & Sweep Base-Side	0080148
5	2	Pin Weld Assy- Sweep's Rod-Side	0102122
6	2	Flatwasher- 1 1/2" SAE	xxxxxxx
8	2	Cotter Pin- 1/4 x 3	9950211

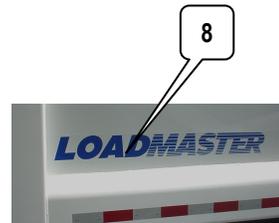
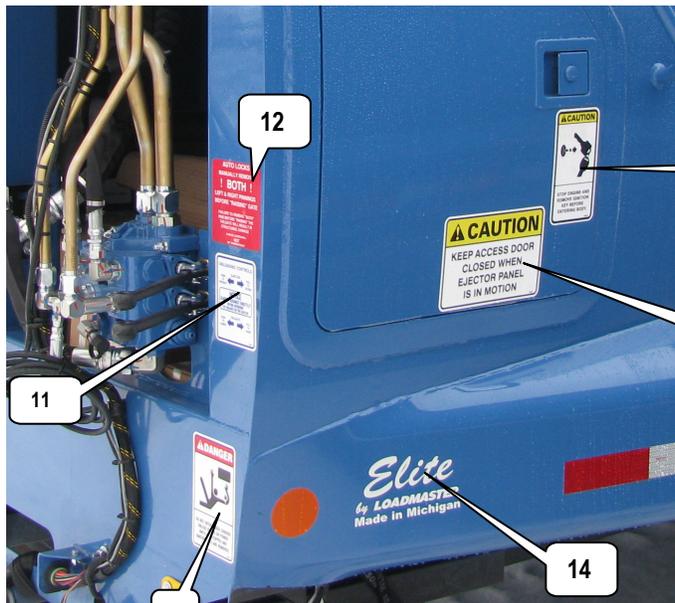


INDIVIDUAL DECALS BY "LOCATIONS"

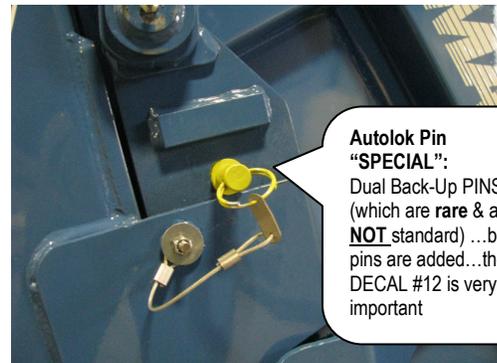
NO	Q	DESCRIPTION	PART NO
1	-	-	-
2	1	Packing Controls Instructional- Color Coded	9980022
3	2	DANGER... <i>you must not operate...</i>	9980020
4	2	CAUTION... <i>riding step...</i> (Large version)	9980024
5	2	Driver Signal Label	9980007
6	3	Throttle Advance Label	9980009
7	2	DANGER... <i>stand clear when...</i>	9980018
8	-	Logo Decal- Blue Conspicuity/Reflective - White Conspicuity/ Reflective	9980055 9980054
9	2	DANGER... <i>do not enter...</i>	9980016
10	1	HYDRAULIC OIL ONLY label	9980008
11	1	UNLOADING CONTROLS instructional	9980023
12	1	Auto-Lok "Back-Up Pinners" Instructional (spl)	9980074
13	1	CAUTION... <i>keep access door...</i>	9980019
14	2	L/M "Model" Script Logo	--
15	1	CAUTION... <i>stop engine...</i>	9980021
16	-	-	-



Curb-side (passenger / RH-side) of tailgate shown here...
Decals 3, 4, 5, 7, and 9 will ALSO be on DRIVER's side (AKA...street-side' AKA.. "Left Hand" side)



12 This decal is only needed "if" the SPECIAL "BACK UP Pinning" is employed (which is RARE need) ...decals #12 is affixed at Body Face...near Gate raise/lower KNOBBED lever

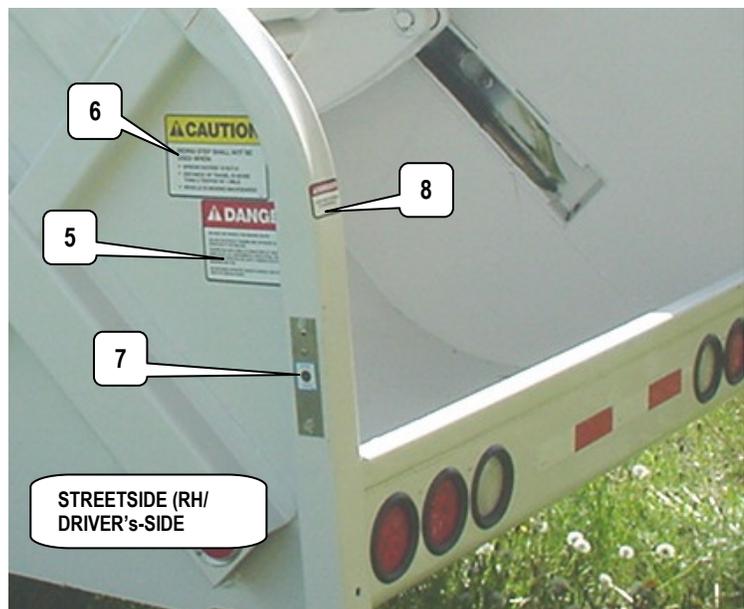
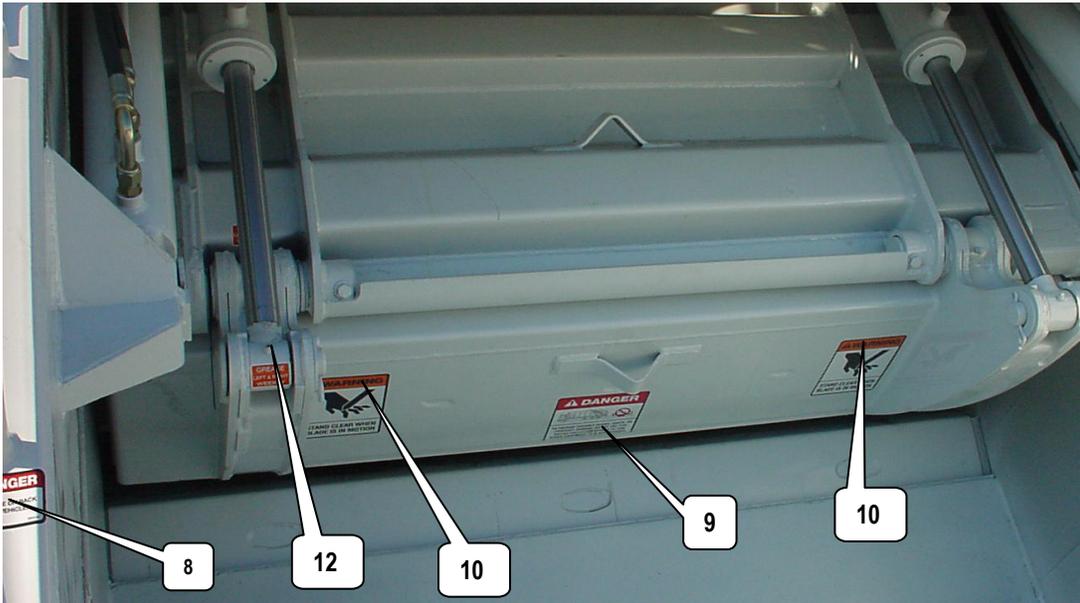


Autolok Pin "SPECIAL":
Dual Back-Up PINS (which are rare & are NOT standard) ...but if pins are added...the DECAL #12 is very important

INDIVIDUAL DECALS BY "LOCATIONS" (CONT'D)

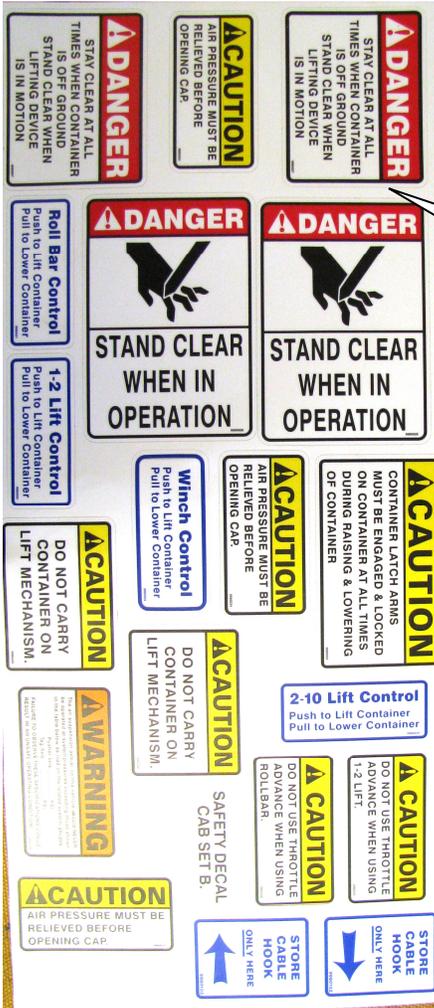
NO	Q	DESCRIPTION	PART NO
1	1	NOTICE... <i>Dual Tone Alarms...</i>	9980108
2	1	WARNING... <i>this vehicle requires...</i>	9980011
3	1	DANGER... <i>You must not operate....(small version)</i>	9980000
4	1	CAUTION... <i>riding step...</i> (in-cab "small" style)	9980001
5	2	DANGER... <i>you must not operate</i>	9980020
6	2	CAUTION... <i>riding step shall...</i>	9980024
7	2	DRIVER SIGNAL Label	9980007
8	2	DANGER... <i>do not ride on back....</i>	9980025
9	1	DANGER... <i>to prevent possible...</i>	9980015
10	2	DANGER... <i>stand clear....</i>	9980017
11	-	Conspicuity Taping	9980058
12	2	Grease Weekly Decal	9980070
13	1	Hook Store Decal- LH	9980102
14	1	Hook Store Decal- RH	9980103

Store any & all cable hooks **ONLY** at the provided "Bent Peg"



DECAL "SHEETS"...AVAILABLE "groups" on a backing sheet

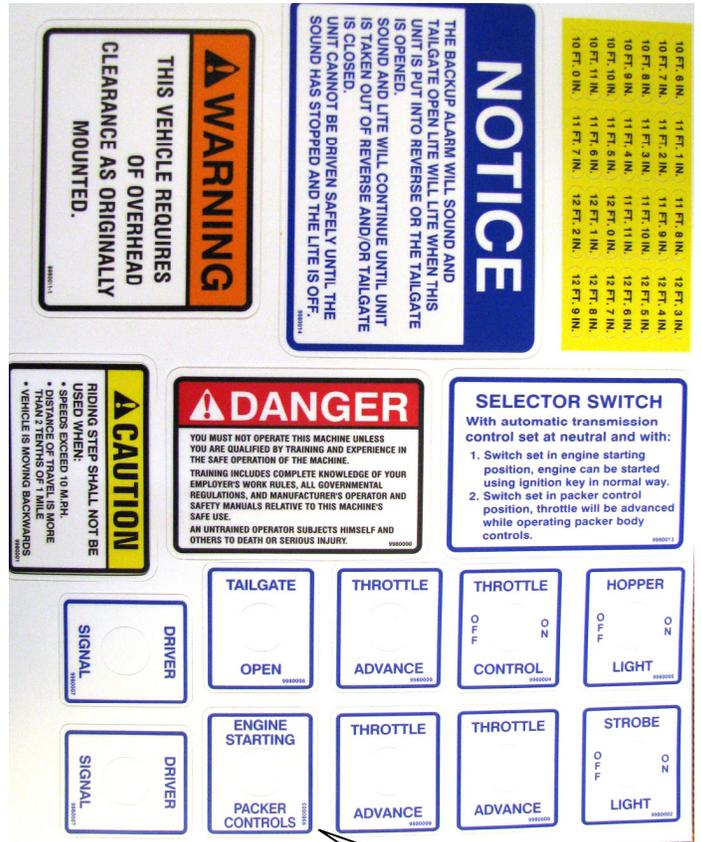
NO	Q	DESCRIPTION	PART NO
1	1	Body Decal Sheet	9980038
2	1	Options Decal Sheet	9980037
3	1	Cab Decal Sheet	9980036
4	-	-	-



2: this entire SHEET of decals



1: this entire SHEET of decals

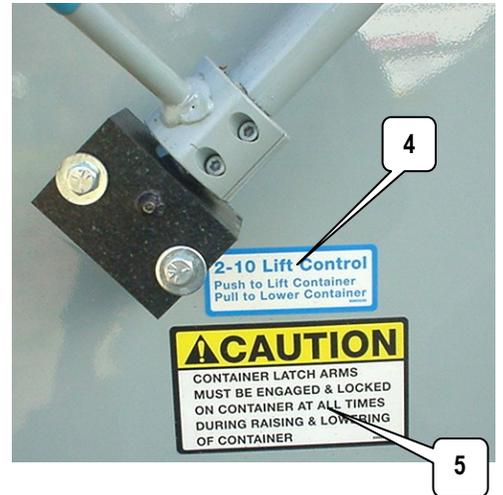
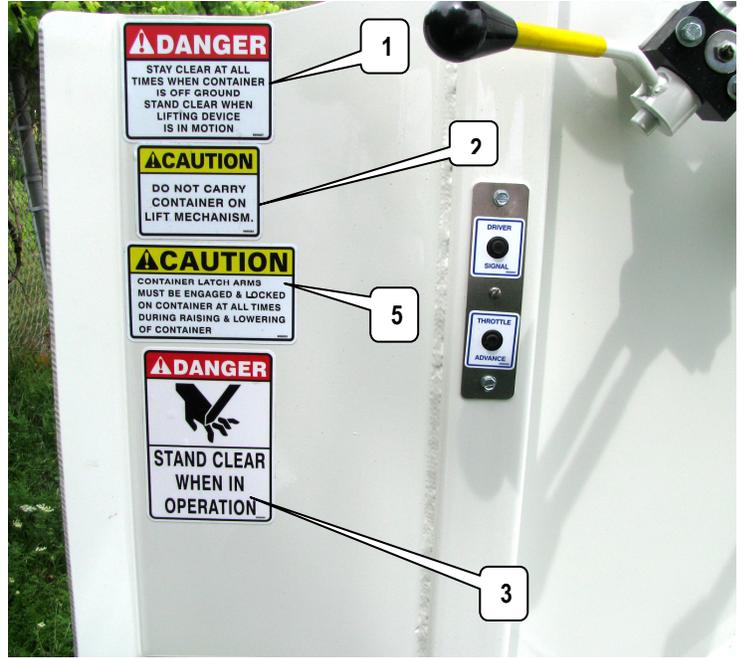


3: this entire SHEET of decals



"MORE" DECALS . "Container Handling Options" & MSCLY

NO	Q	DESCRIPTION	PART NO
1	2	DANGER...stay clear at...	9980027
2	2	CAUTION...do not carry....	9980028
3	2	DANGER...stay clear...	9980026
4	1	"2-10" Knobbed lever label (roof-mtd Reeveer opt)	9980030
5	1	CAUTION...container latch arms...	9980033
6	1	ROLL BAR Knobbed lever label	9980031
7	1	CAUTION.. do not use throttle... (roll bar)	9980046
8	2	"1-2" Knobbed lever label (aka... Sling Lift)	9980032
9	1	CAUTION....do not use throttle.... ("1-2")	9980045
10	1	"Winch" Knobbed lever label (aka..."Drum winch")	9980029
11	1	Factory Hydrau PRESSURE settings decal The Per Model "varying" setting will be SHARPIE Ink pen "hand written" in the Blanks	9980077
12	-	-	-
13	-	-	-



8; "1-2 sling lift" is N/A on the ELITE

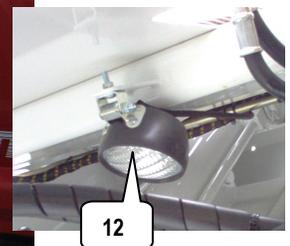
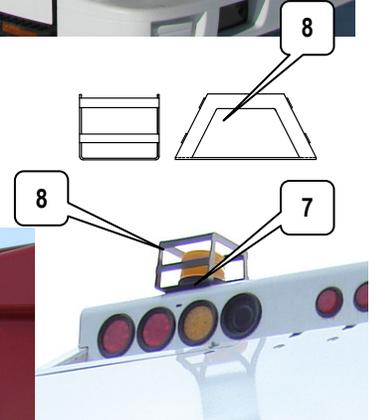


11

BODY MODEL	
MAIN SYSTEM	
SLIDER'S K.O.	
SWEEP'S K.O.	
EJECTOR'S RESISTANCE	

STREET LIGHTS & RELATED SHEET METALS

NO	Q	DESCRIPTION	PART NO
1	1	Upper Light Pod Weld Assy (weldment only)	0101349
2	1	Dual Tone (distinct audibles) Alarm Grommet mounted "style" in upper light bar	9910499
3	8	4" SST LED Red Light	9910226
4	-	4" Grommet	9910216
5	5	2 1/2" Red LED Marker Light	9910224
6	-	2 1/2" GROMMET	9910217
7	-	Strobe Light ("Beacon Style) - Optional	9910044
8	-	(OPTION) Strobe Cage Weldment (Weldment only)	0120215
9	4	BackUp Light (clear/white LED)	9910277
10	1	Lower Cover Sheet	0021310
11	2	Amber LED Marker light (2 1/2")	9910225
12	a/r	Work Lite- Hella/ OPTILUX LED (2015 style)	9910483
13	2	"FIREBALL" Reflector- RED	9910299
14	2	"FIREBALL" Reflector- AMBER	9910300
15			



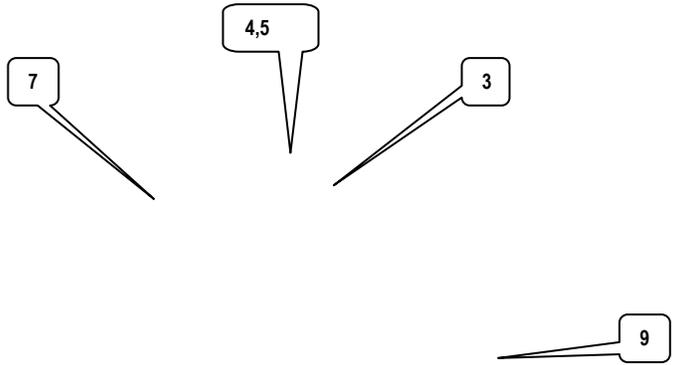
item #2 ... is now rectangular shaped "Dual Tone" Trucklite audibles..2 distinct Audibles in ONE Housing (ANSI Wastec)

VACANT

NO	Q	DESCRIPTION	PART NO
1	Q	XX	XX
2	Q	XX	
3	Q	XX	
4	Q	X	
5	Q	X	
6	Q	X	
7	Q	X	
8	Q	X	
9	Q	X	
10	Q	X	

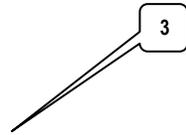
VACANT

NO	Q	DESCRIPTION	PART NO
1	Q	XX	XX
2	Q	XX	
3	Q	XX	
4	Q	XX	
5	Q	XX	
6	Q	XX	



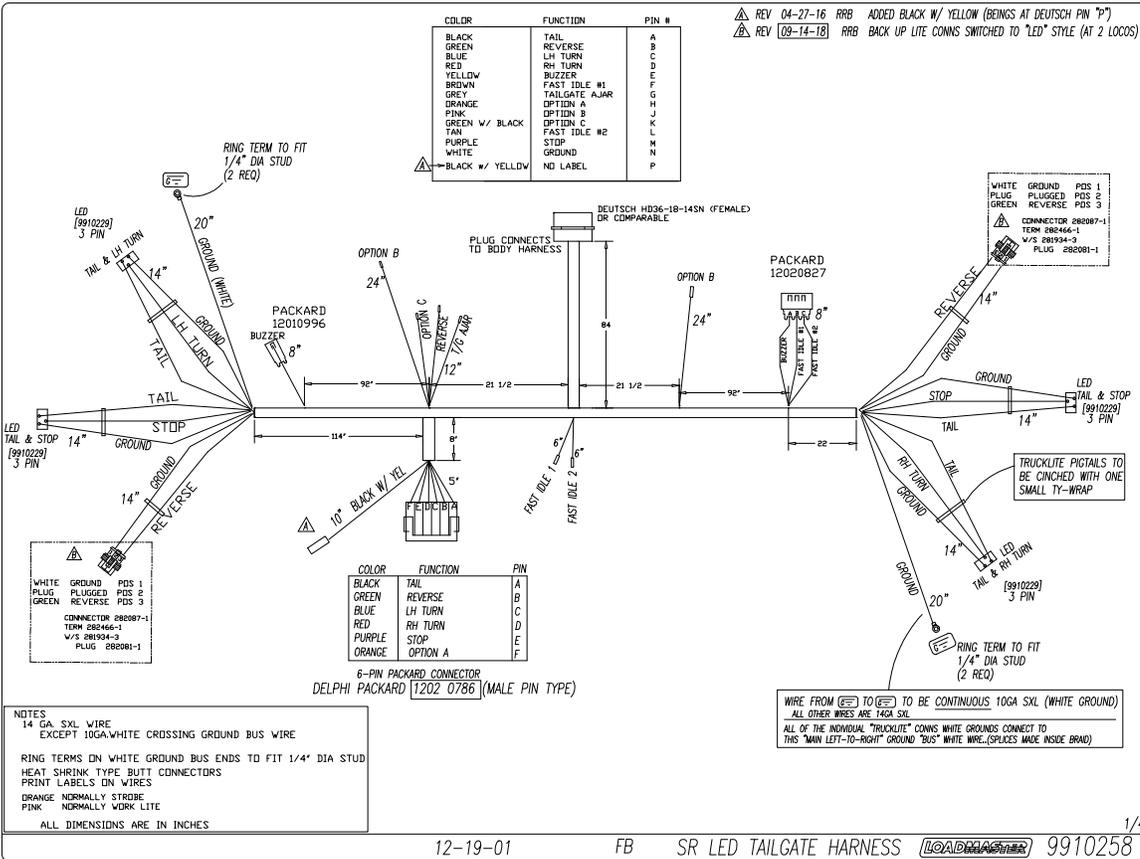
VACANT

NO	Q	DESCRIPTION	PART NO
1	Q	XX	XX
2	Q	XX	
3	Q	XX	
4	Q	X	
5	Q	X	
6	Q	X	
7	Q	X	
8	Q	X	

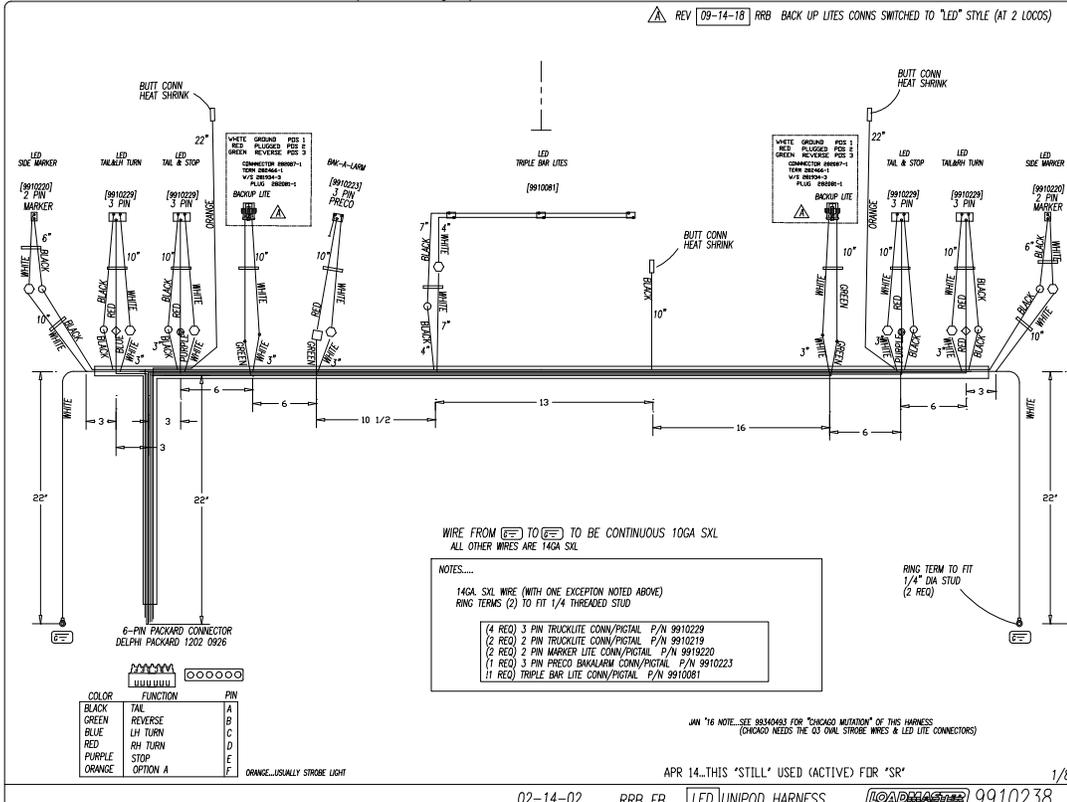


ELECTRICAL HARNESS SEGMENTS

3- "Tailgate" Harness- 9910258 (ELITE style)

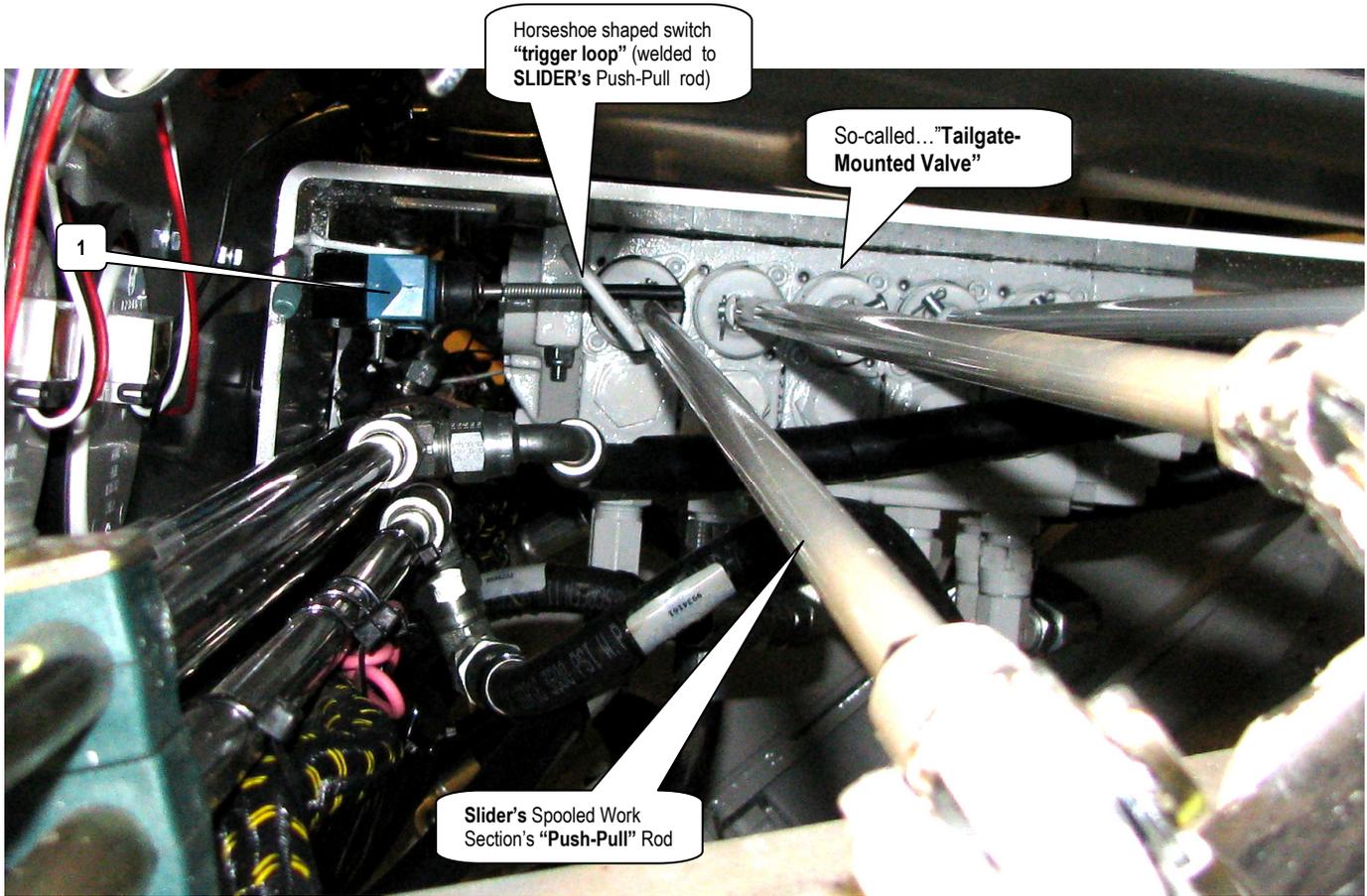


3- "UniPod" Harness- 9910238 (ELITE style)



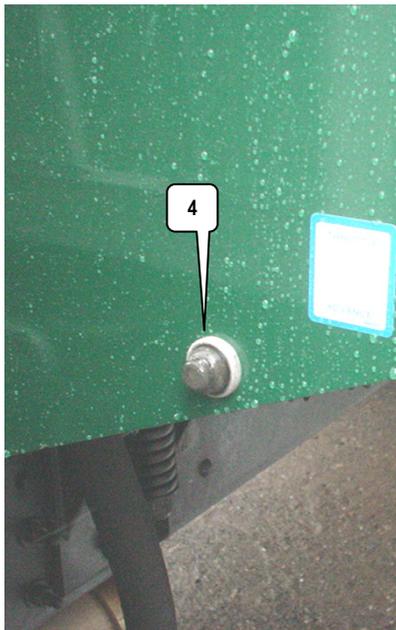
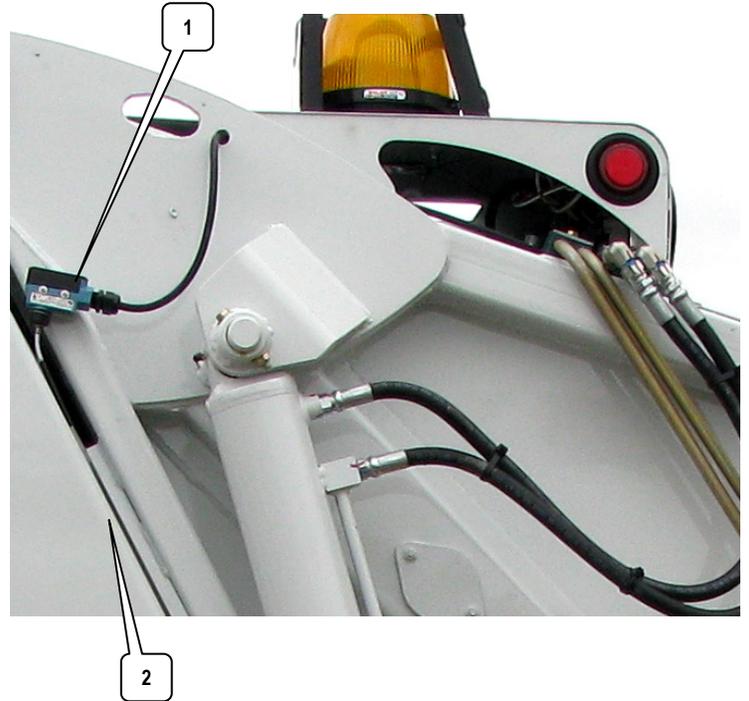
THROTTLE ADVANCE SWITCH

NO	Q	DESCRIPTION	PART NO
1	1	THROTTLE-ADVANCE Switch Assembly <i>Includes mounting hardware w/ screw o-rings Pre-Wired N.O. for the Throttle-Advance with footage of jacketed cable and watertight cord grip connector at the switch body</i>	0101193
2	1	Limit Switch only	9910131
3	1	Cord-grip only sealing connector (at switch's body)	9910130
5	--		
6	-		
7			



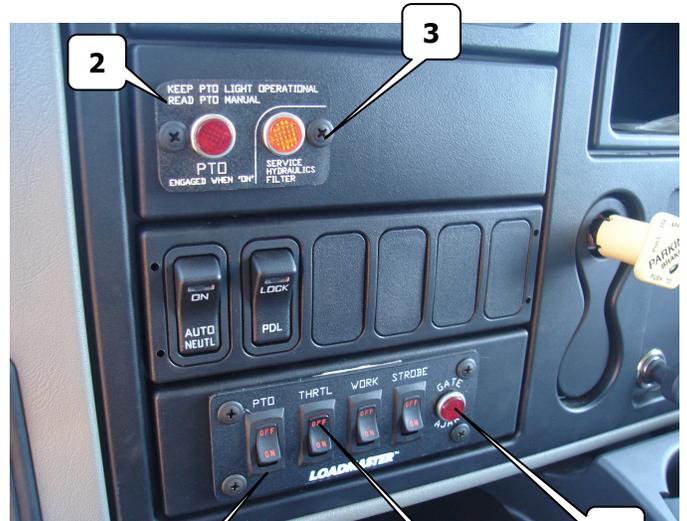
GATE AJAR LIMIT SWITCH

NO	Q	DESCRIPTION	PART NO
1	1	Pre-Wired GATE AJAR limit switch ASSEMBLY Includes the switch, the jacketed cable, the cord-grip and attachment fasteners (w/ fastener O-rings)....pre-wired N.C. for the <u>gate ajar</u> function	0101192
2	1	Limit Switch only	9910131
3	1	Cord-grip only sealing connector (at switch's body)	9910130
4	1	Momentary Button Head Switch <i>Body Face's manual throttle-advance</i>	9910345
5	1	Stainless Steel Switch Panel- Dual	9910179
6	1	Stainless Steel Switch Panel- Single <i>Located in tailgate....near Knobbed Controls</i>	9910180
7	4	Self-Drilling/ tapping Screws (Stainless steel) <i>5/16-18 x 1/2" long FASTENAL 32415</i>	----



IN CAB ELECTRICAL CONTROL PANELS

NO	Q	DESCRIPTION	PART NO
1	1	Rocker-Switch Deck (Obsolete ... at apr 2019) <i>Complete 4-gang of Rockers w/ ajar light on its panel Red-band will "show" when rocker is in "ON" position</i>	9910128
2	1	Two-Light Mini-Panel <pto & service filter .. obso > <i>Complete 2-lite on its panel IMPORTANT: Keep the PTO light in good working condition!!</i>	9910273
3	6	Trim Screw- Black anodized "Tek's #8 x 1/2"	9950435
4	4	One Replacement Rocker Switch only (Obso) <i>2-position on/off almost always (snap-in)</i>	8800506
5	1	One Gate Ajar Pilot light (w/ bulb) (obsolete) <i>Snap-in the hole...style of housing IMPORTANT!!! Keep Gate Ajar light in good working condition !!</i>	9910197

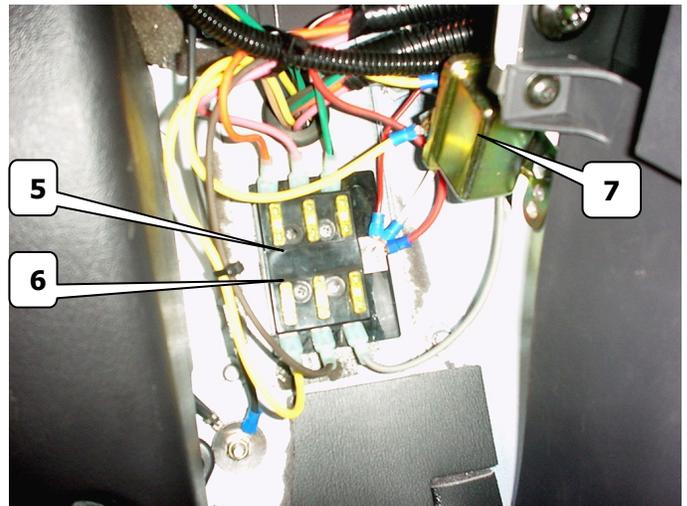


Early 2017...LM's 4-gang Rocker Switch Panel ...and...2 lite Mini -Panel became back-lighted/ all LED "nicer" *Road Runner Corp's* styles... here are the **Road Runner** Part Numbers: (early 2017 to current / Apr '19)

- 4-rocker Switch Deck (w/ Gate Ajar led light = **9910513**)
- 2-Lite MiniPanel (red PTO & yellow Filter lights)= **9910514**
- 2-Lite MiniPanel (but "blank" legends) = **9910515**
- "PTO" legend = **9910518**
- Red LED Pilot Light = **9910519**
- Yellow LED Pilot Light= **9910520**
- Rocker Switch (Road Runner style..with integral LED) = **9910534**



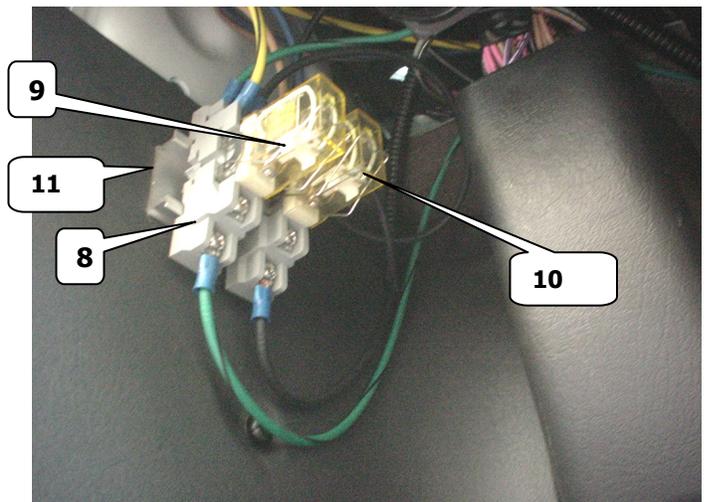
5	1	Fuse Block (just the base...no fuses) <i>Base here fuses 8 separate circuits "Branches"</i>	9910092
6	6	Fuse <i>All ATC 20 amp...except PTO fuse is 7 1/2 amp !</i>	NAPA, etal
7	1	Buzzer <i>Old-fashion, common ColeHersee style of Driver Signal Buzzer</i>	9910077
8	-	Relay Base (gray color: hard-wiring base) <i>Typically is two req'd...but can vary</i>	9910185
9	-	Relay <i>Yellow, transparent ICECUBE relay...plugs into Base above</i>	9910184
10	2	Relay Anchoring Kit <i>Includes 2 (per relay) stamped side clips & <u>one</u> wire holder</i>	9910186
11	1	3" DIN Rail 9910187	9910187
12	-		



<<IMPORTANT: Always "anchor" the Plug-In Relay with anchoring kit...relay will NOT stay affixed to Base if not ANCHORED. It will come Loose. >>

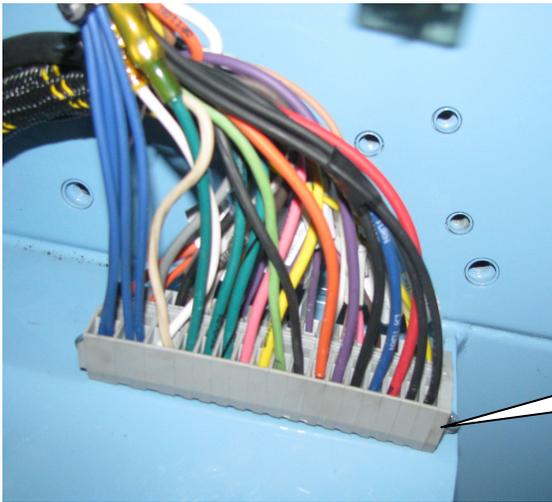
NOTE: the above **LOADMASTER** electrical "interface" the L/M Body To the particular Chassis....most of these stuffs tend to be located "Under Dash" on left side of Steering Wheel...**BUT LOCATIONS WILL VARY WITH CHASSIS PARTICULARS**...use these images to **IDENTIFY** the **LOADMASTER** Electrical stuffs when "troubleshooting" Electricals...If still can not "locate"...contact **LOADMASTER** 800-433-2768

Some Chassis do not need the above "interfacing" stuffs...most notably: The CCC LET's and "other" Chassis that have a Fender Mounted *Body-Builder's Junction Box*. Another "prime" example of the above stuffs not even existing on your unit...International's Factory 6-pack w/ Remote Power Module (aka=RPM) multi-plex "systems" do not require these stuffs.

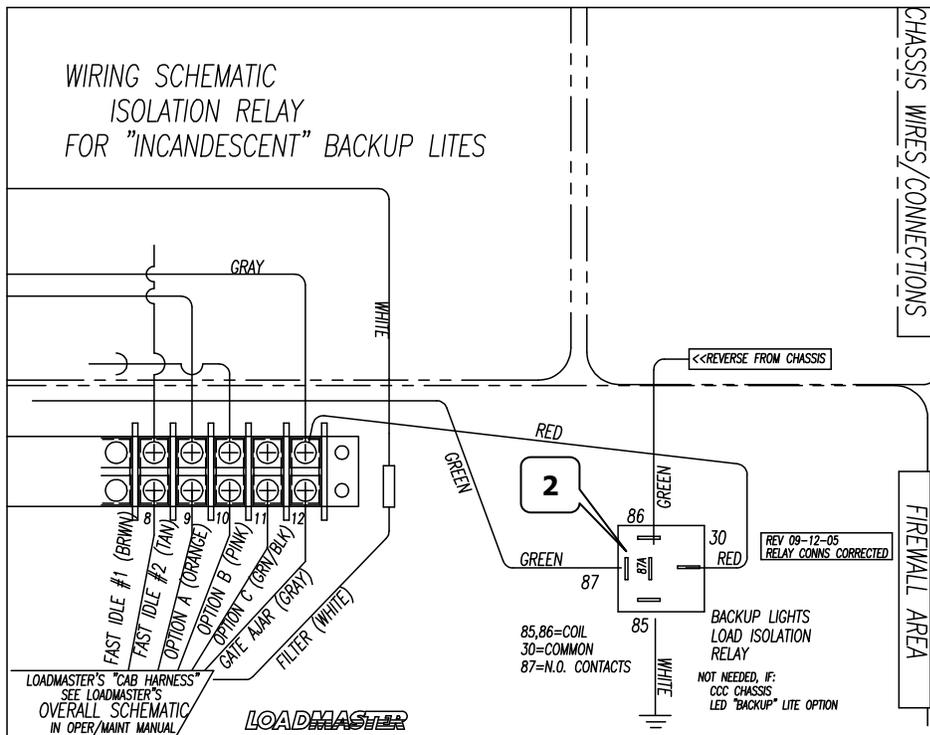


UNDER-COWLING "FIREWALL" ELECTRICALS (if needed)

NO	Q	DESCRIPTION	PART NO
1	1	Firewall Term Strip- 12 position (<i>Obsolete</i> style) WAGO style 12-singles/ 3-doubles is 9910399 WAGO (pronounced Vago...german) IS current Production style	9910043
2	1	Relay- Back-Up Lights "Isolation" Relay <i>Used for "standard" Incandescent Back-Up lights</i> << Isolates the Load from the Load-Finicky chassis brain>> <i>Bosch "foot-mount" style</i> This relay IS NOT req'd if unit has <u>LED</u> Back-Up lights.	9910267



"WAGO" style TERM STRIP **9910399** ...is current/ active style. Blunt cut wires are inserted into spring-loaded Stainless Steel wire pockets. 3 doubles + 12 singles Capacity (*modular...can be altered*)



ELITE "OIL TANK"

NO	Q	DESCRIPTION	PART NO
1	1	Elite Oil Tank Weld Assy	0100526
2	1	Filler/Breather/Strainer (fluted Chrome)	9931032
3	1	Entire Return Filter Assembly	9931107
4	1	Oil Level Site Glass	9931118
5	1	Clean Out/ Inspect Cover (Tank Top)	9931005
6	1	Gate Valve- 1 1/2" NPT full port	9932013
<i>The ELITE usually employs a 1 1/2" suction line setup</i>			
7	Q	X	

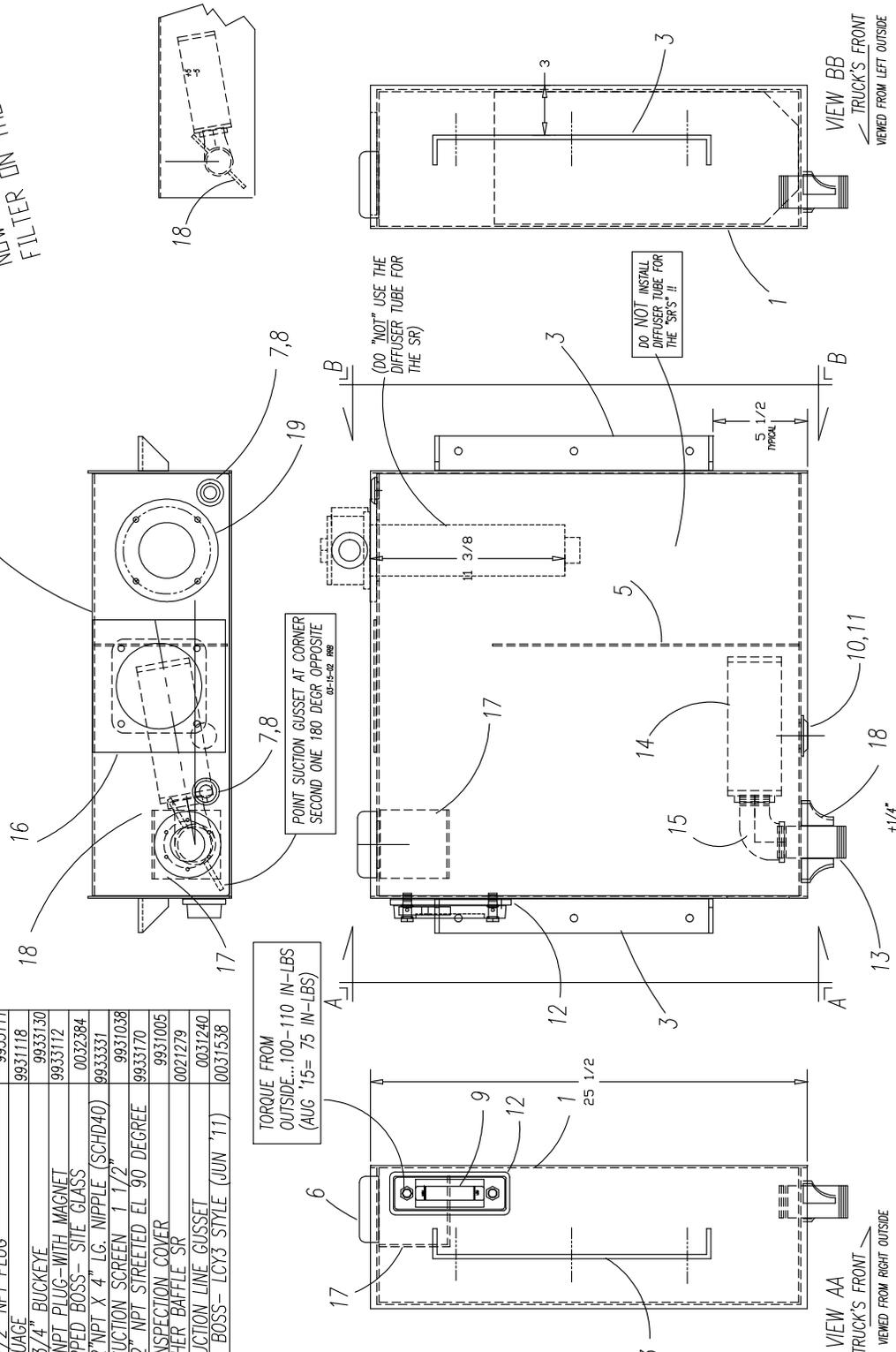
See sec06 pgs 03 & 04 ... for the ELITE's Return Filter "serviceable items"



ELITE "OIL TANK" WELD ASSY

JUNE 2011
NOW USE "LCY3" TANKTOP
FILTER ON THE SR (STD)
FILTER ON THE SR (STD)

ITEM NO	DESCRIPTION	PART NO.
1	FRONT SHEET	0021180
2	BACK SHEET - MIDRANGE FILTER (JUN '11)	0022280
3	SIDEMOUNT BRACKET	0040734
5	BAFFLE	0021181
6	BREATHER WELDON FLANGE	9931033
7	2 1/2" NPT FORGED BUCKEYE	9933129
8	2 1/2" NPT PLUG	9933111
9	SITE GAUGE	9931118
10	3/4" BUCKEYE	9933130
11	3/4" NPT PLUG-WITH MAGNET	9933112
12	TAPPED BOSS- SITE GLASS	0032384
13	1-1/2" NPT X 4" L.C. NIPPLE (SCHD40)	9933331
14	SUCTION SCREEN 1 1/2"	9931038
15	1-1/2" NPT STREITED EL 90 DEGREE	9933170
16	INSPECTION COVER	9931005
17	BREATHER BAFFLE SR	0021279
18	SUCTION LINE GUSSET	0031240
19	FILTER BOSS- LCY3 STYLE (JUN '11)	0031538

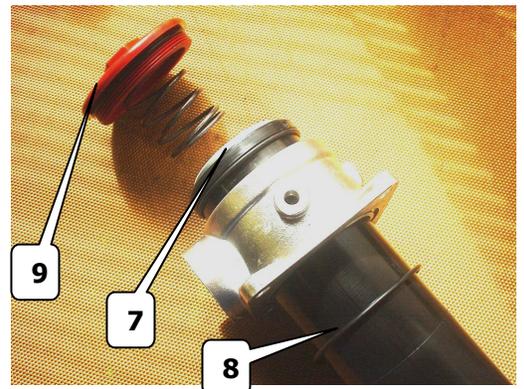
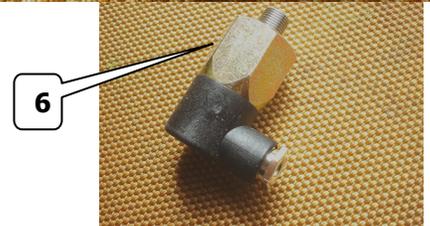


RETURN FILTER'S SERVICEABLE PARTS

NO	Q	DESCRIPTION	PART NO
1	1	Entire Filter Assy Includes all shown in image to right Includes Filter Monitor Guage, Clog Indicator Switch, Element <Does NOT include swaged-on Aluminum Diffuser tube>	9931107
2	1	Diffuser Tube-Aluminum (not used for ELITE !!) "Swaged" onto filter's polymer "canister"	not used
3	1	Filter Element- Elite (which is "same as" Legacy) Your "key" service item...Maintain this for hydraulics "health"	8800684
4	1	Filter Condition Monitor (visual) Replace if damaged (important "Monitor")	8800696
5	1	Monitor's Adapter Elbow (not shown)	9933411
6	1	Clog Indicator Elect Switch Wired to drive a Dash Panel Light	8800697
7	1	O-ring Seals betwixt Canister's upper shoulder & cast Head	8800804
8	1	O-ring Cap's seal & Betwixt Head and tank top boss	8800805
9	1	O-ring Under red cap	8800914



3, the 0-ring is included with each Element and is at very Bottom of canister, between bottom of Element and Canister's inside bottom. Inspect old o-ring (with PenLite) and replace O-ring "if needed" at time of installing a fresh Element



The **Elite** "return filter" uses a premium quality Micro glass *element* of 10 Micron nominal. This element traps-out relatively small particulates and has a relatively high dirt holding *capacity*. Another "premium" feature of this INTERNORMAN (the "brand"... a German company) filter is that the Bypass valve is "integral" to the element itself. This means that each time you install a "fresh" element...you are simultaneously assuring a "fresh" filter *bypass valve*.

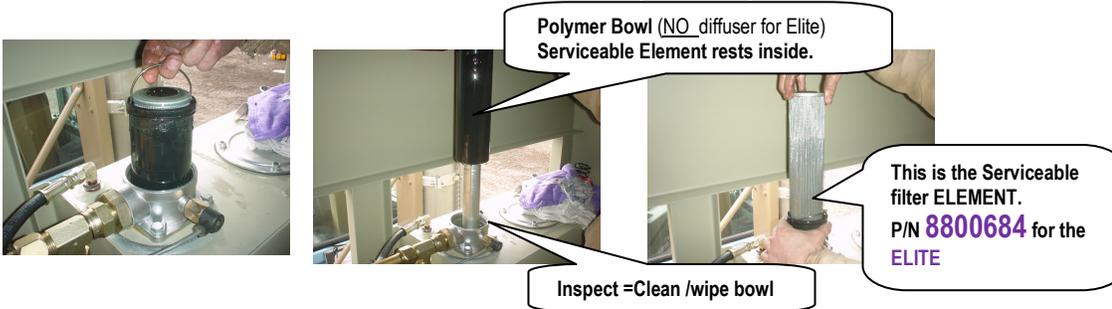
Read topic #1 in the manual's **P-M...HYDRAULIC SYSTEM** section for a "outline" of *when* you should service this return filter Element. The Elite, with the *Internorman*-brand of filter, uses Element p/n **8800684**.

1-Begin by cleaning/wiping away any Tank Top dirt that may have accumulated near the Tank Top Filter's plastic red cover (which has wrenching "square" for 1-1/4" wrench size).



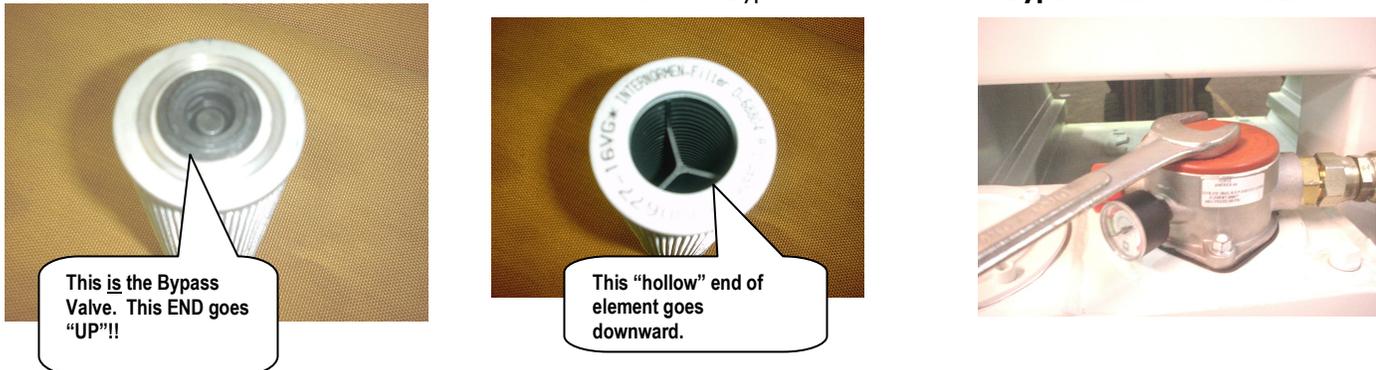
2- Remove the Filter's Top Cover by turning CCW. The Cover's compression spring will be "pushing"...so use your hand over the Red removable polymer cover when it is close to being fully un-threaded to control.

3- Grab onto the wire 'bail' and slowly-lift out the entire assy. and keep centered to allow OIL to drain back into tank.



4- Now remove the "old" element. Put it into clean garbage bag so you can later "study" what has been trapped-out of the hydraulic system (can offer "clues" as to the hydraulic system's "health").

5- Insert fresh element into the Bowl...this element has a "built-in" Bypass Valve. Assure the **Bypass Valve** is "UPWARD".

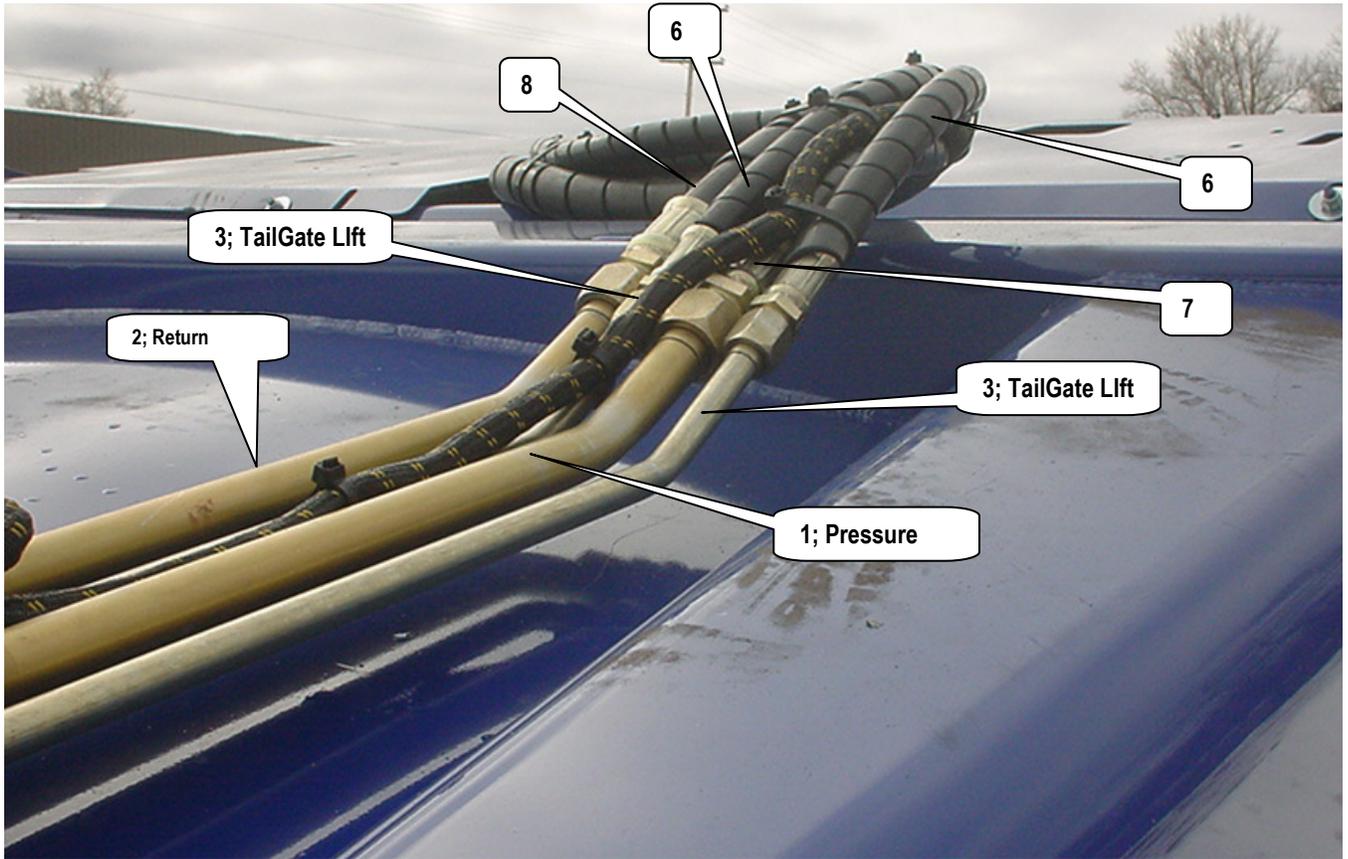
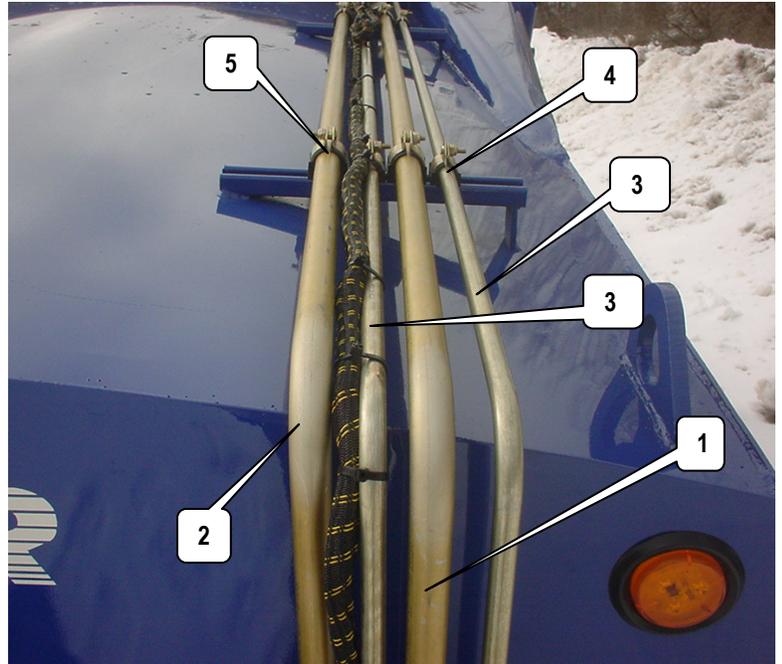


6- Now re-install the filter housings COVER. Snug up with LIGHT-MEDIUM force.

Now check you oil tank "fill Level" ... and top off as need be (See P-M manual for detailed instructions).

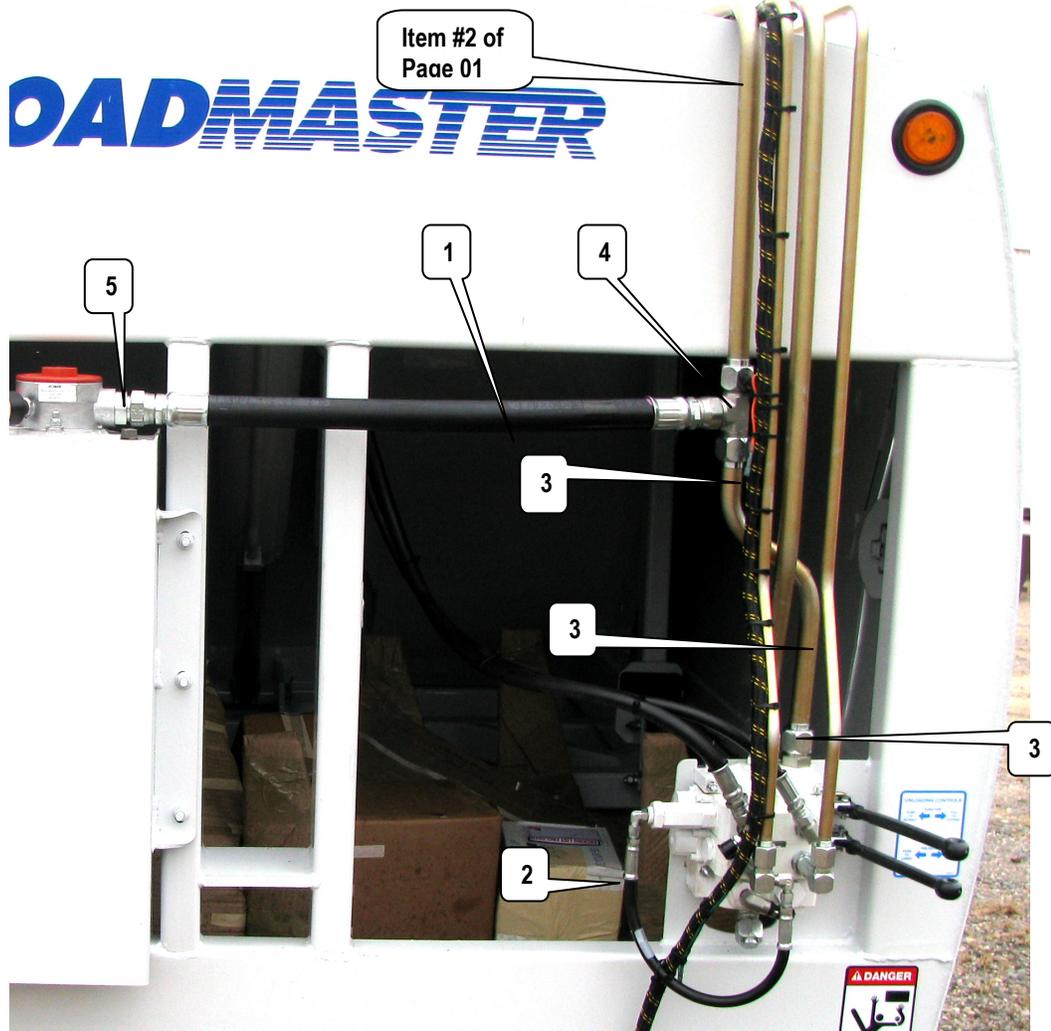
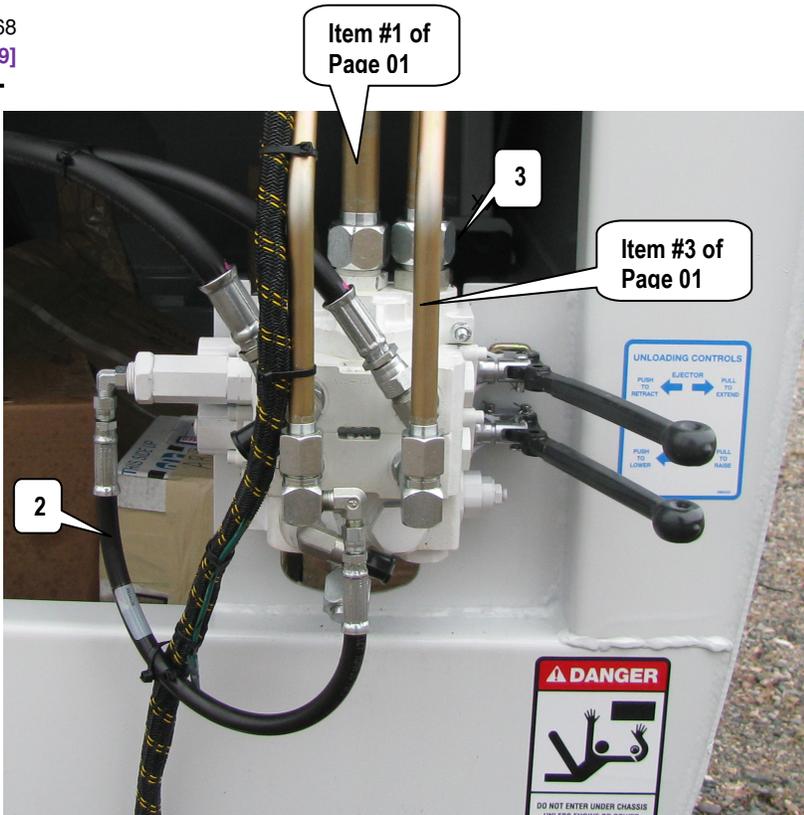
BODY FACE & ROOF's PLUMBINGS (TUBES & HOSES, etc)

NO	Q	DESCRIPTION	PART NO
1	1	Valve-to-Roof Pressure Tube (1" OD)	6YD 9930225 8YD 9930215 10YD 9930228 11YD 9930295
2	1	Tank Return Roof Tube (1" OD)	6YD 9930227 8YD 9930217 10YD 9930230 11YD 9930294
3	2	Tailgate Tube (5/8" OD)	6YD 9930226 8YD 9930216 10YD 9930229
		11YD INNER <1 req>	9930296
		11YD OUTER <1 req>	9930297
4	4	5/8" HydraZorb Clamp Kit	9960049
5	4	1" HydraZorb Clamp Kit	9960050
6	2	Hose Assy- 1/2" x 64" Lg. (Tailgate Lift)	9934145
7	1	Hose Assy- 3/4" x 53" Lg ((Pressure)	9934144
8	1	Hose Assy- 1" x 53: Lg. (Return)	9934146
9	Q	X	
10	Q	X	
11	Q	X	
-			



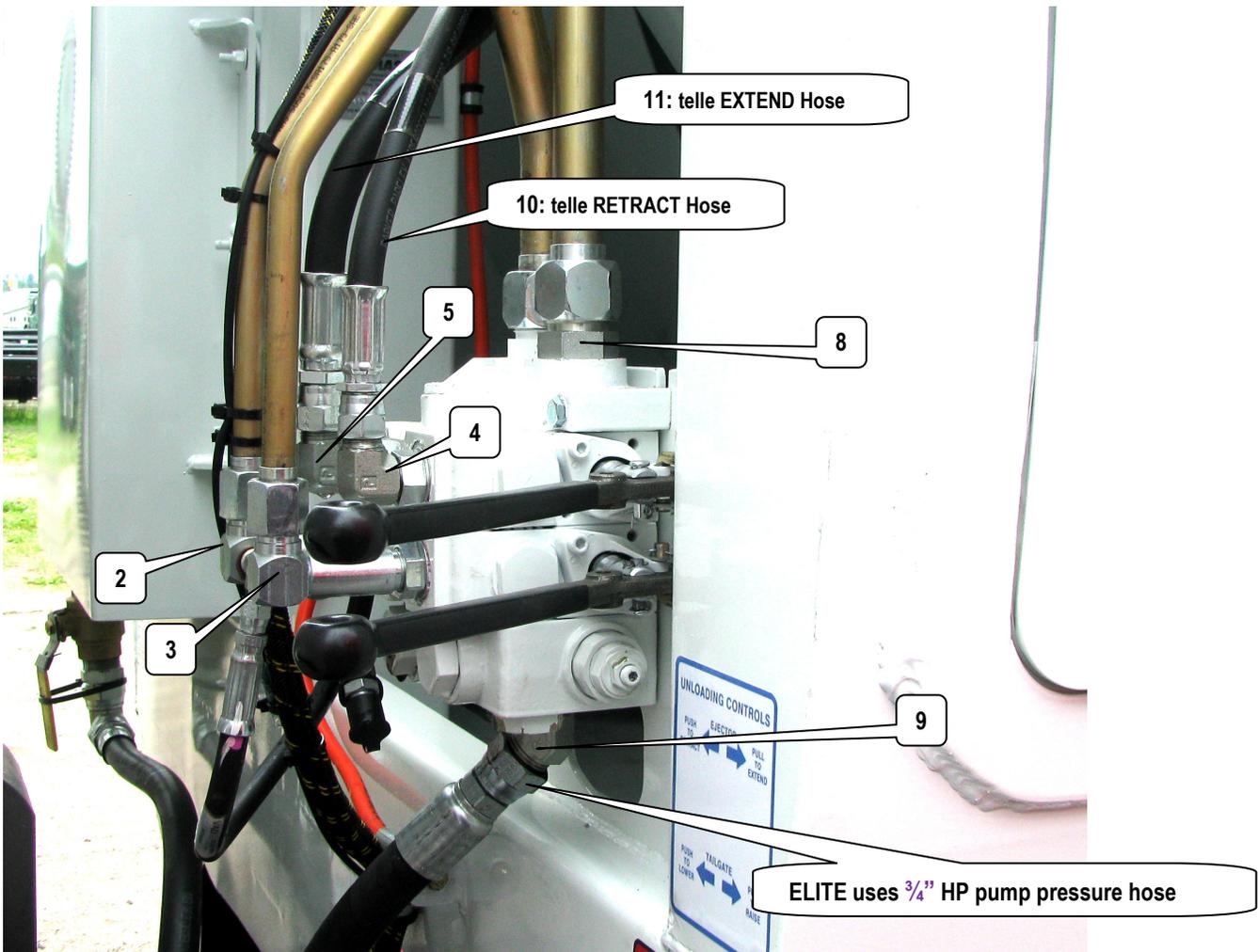
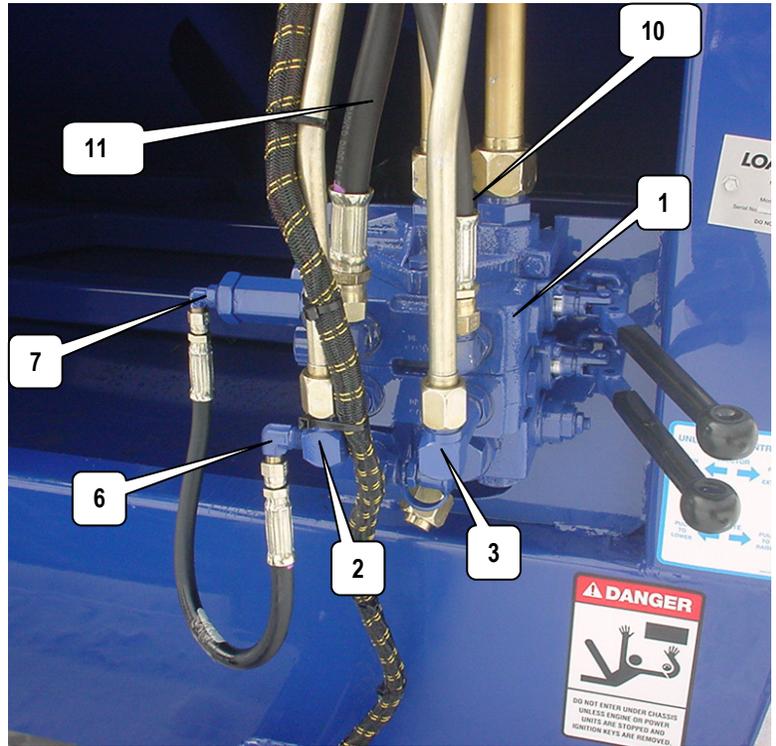
BODY FACE & ROOF'S PLUMBINGS (TUBES & HOSES, etc)

NO	Q	DESCRIPTION	PART NO
1	1	Hose Assy- 1" x 27" Lg. (Tank Return)	9934151
2	1	Hose Assy- 1/4" x 18" Lg. (HI/LO Pilot)	9934028
3	1	Hydrau Tube- Valve Tank Return Tube	9930218
4	1	Tee- #16 JIC (m x m x m)	9933012
5	1	Straight Adapter- #16 ORB x #16 JIC	9933026
6	Q	X	
7	Q	X	
8	Q	X	
9	Q	X	
10	Q	X	
11	Q	X	
12	Q	X	



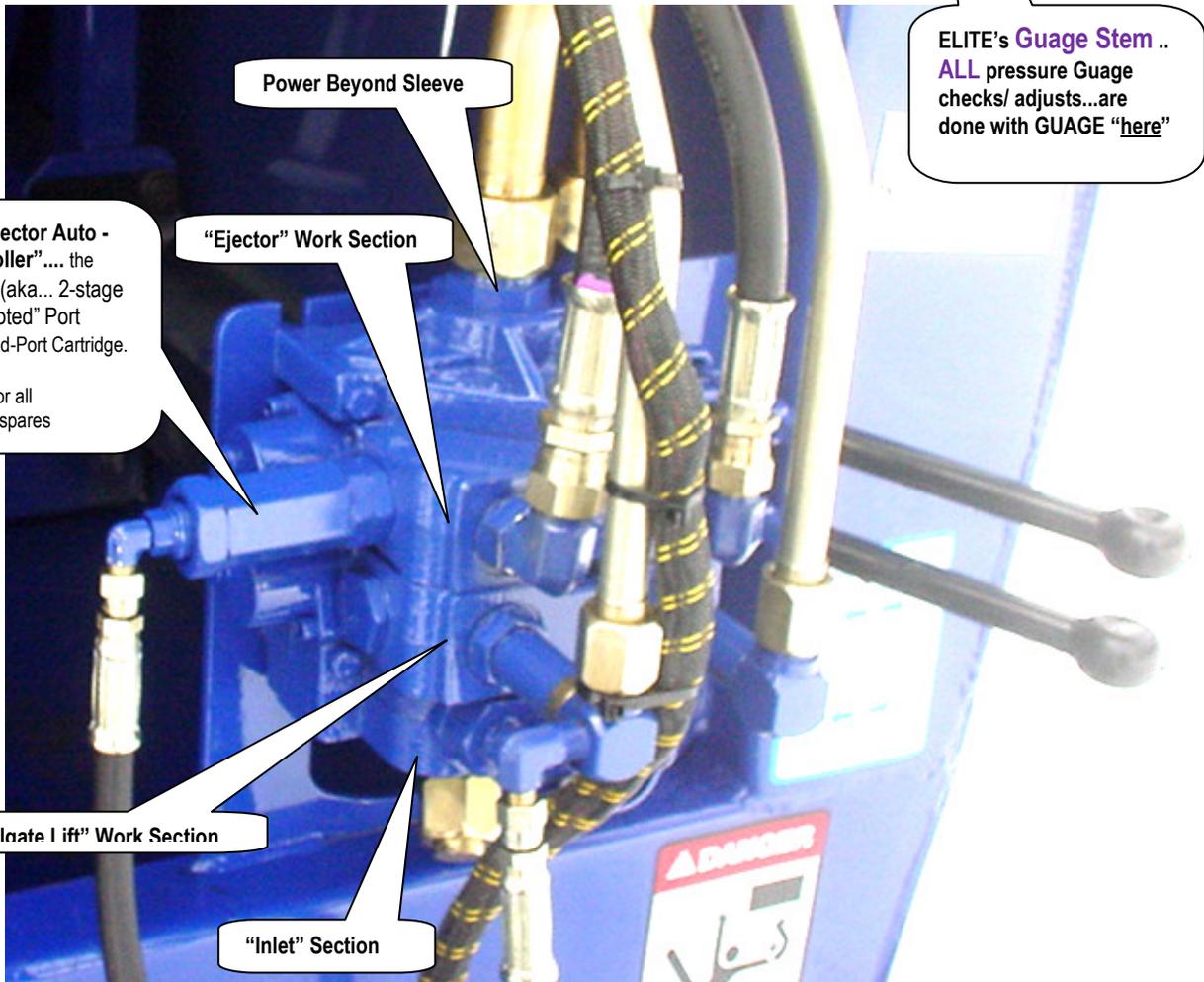
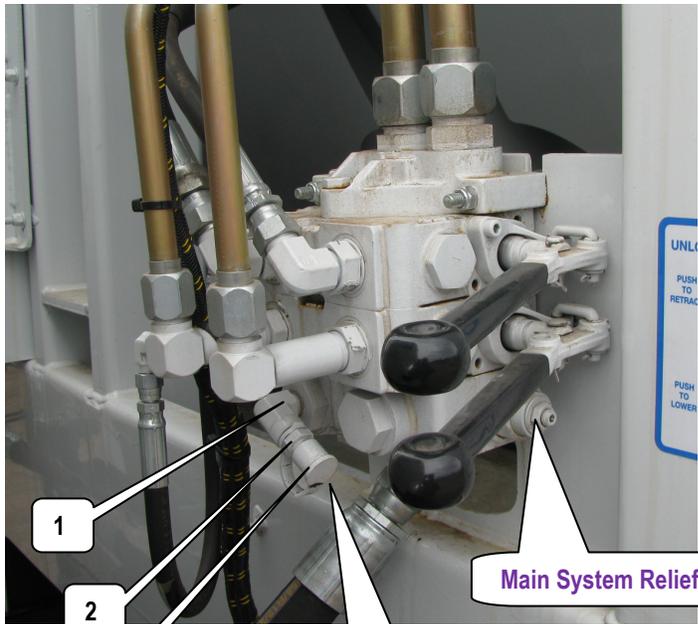
BODY-MOUNTED VALVE's (aka.. "BMV") PLUMBINGS

NO	Q	DESCRIPTION	PART NO
1	1	ELITE "Body-Mounted Valve" (BMV)...entire Parker V20; AutoLoks is BPS for the ELITE	9932063
2	1	90 Degr Adapter- Long ("tapped-out") #10 orb x #10 jic long 90	2600082
3	1	90 Degr Adapter- Long #10 ORB x #10 JIC	9933284
4	1	90 Degr Adapter- #10 ORB x #8 JIC (retract)	9933103
5	1	90 Degr Adapter- #10 ORB x #10 JIC (extend)	9933036
6	1	90 Degr Adapter 1/4" NPT x #4 JIC	9933069
7	1	90 Degr Adapter -#4 ORB x #4 JIC	9933032
8	1	Straight Adapter #12 ORB x #16 JIC	9933285
9	1	45 Degr Adapter #12ORB x #12 JIC	9933086
10	1	Hose Assy - 3/8 x 49" lg. (retract)	9933149
11	1	Hose Assy- 1/2" x 45" lg. (extend ...8YD,10YD,11YD) Hose Assy- 1/2" x 50" lg (extend.... 6 YD)	9933150 9933160
12	Q	X	
13			
14			



BODY-MOUNTED VALVE'S PLUMBINGS

NO	Q	DESCRIPTION	PART NO
1	1	90 Degr Adapter- 1/4"npt Streeted ("steel")	9933308
2	1	Guage Stem (Parker basic style)	9933307
3	1	Protective Poly Cover (for guage stem)	9933386
4	Q	X	
5	Q	X	
6	Q	X	
7	Q	X	
8	Q	X	
9	Q	X	
10	Q	X	
-			
-			
-			
-			
-			
-			
-			

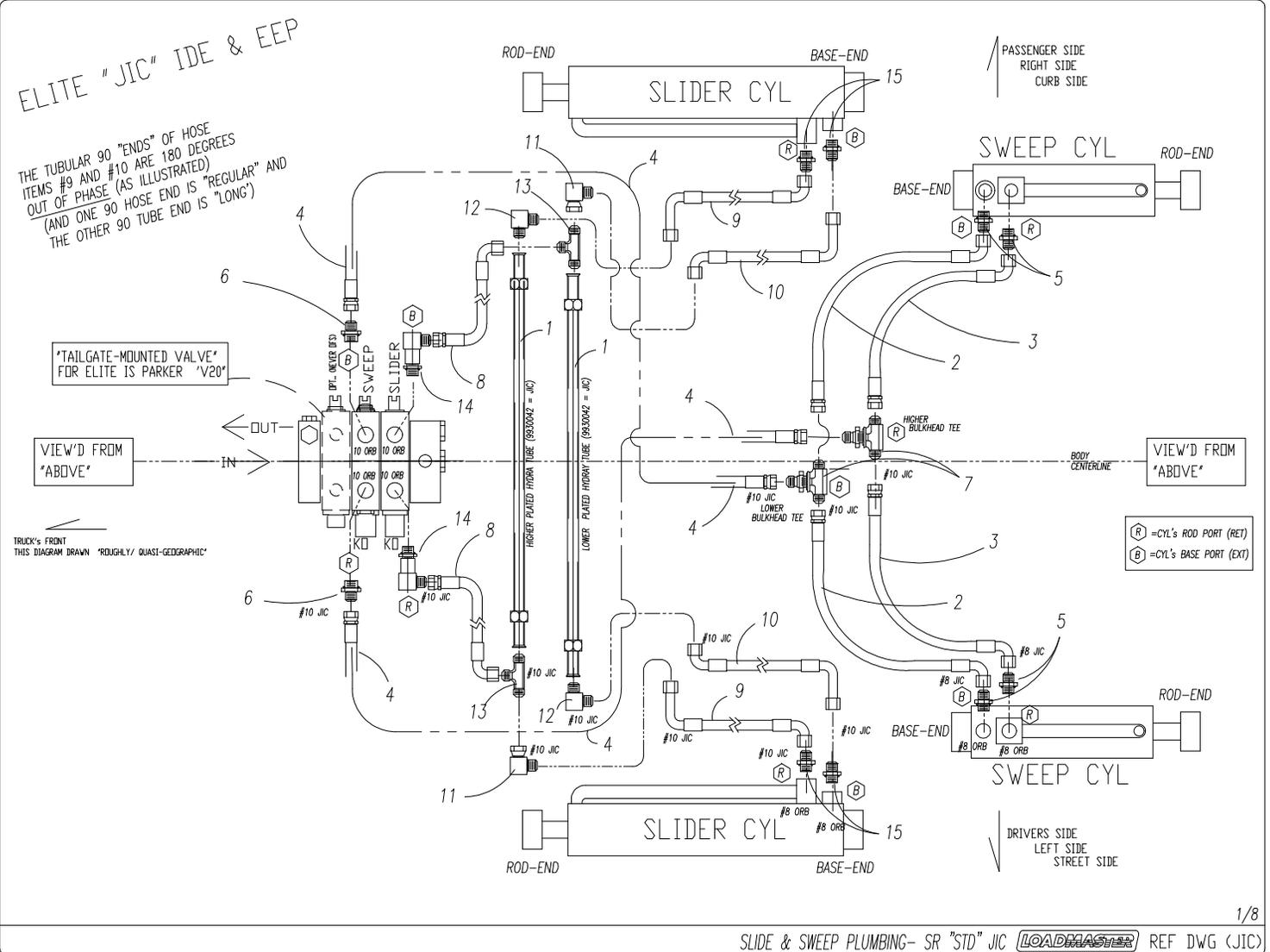


ELITE's "Ejector Auto - Drift Controller".... the "Hi / Lo" (aka... 2-stage "external piloted" Port Relief) Extend-Port Cartridge.

See SEC08 for all "serviceable" spares

▲ DANGER

SLIDE & SWEEP CYLINDERS & PLUMBINGS

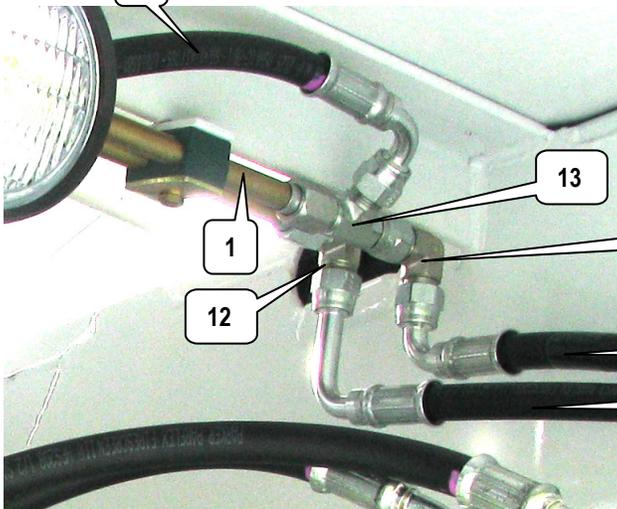
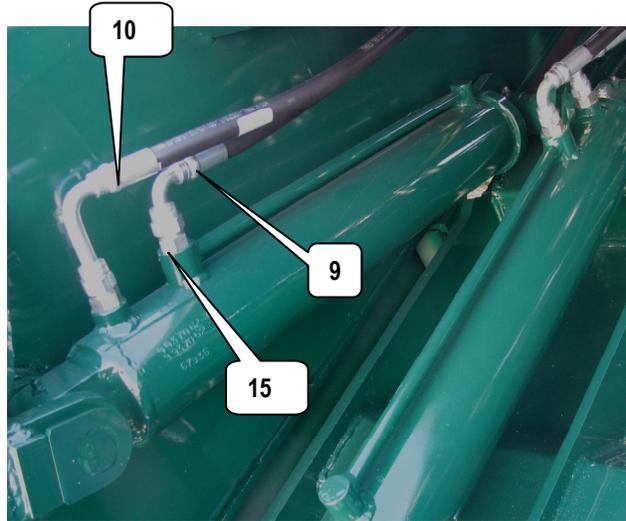
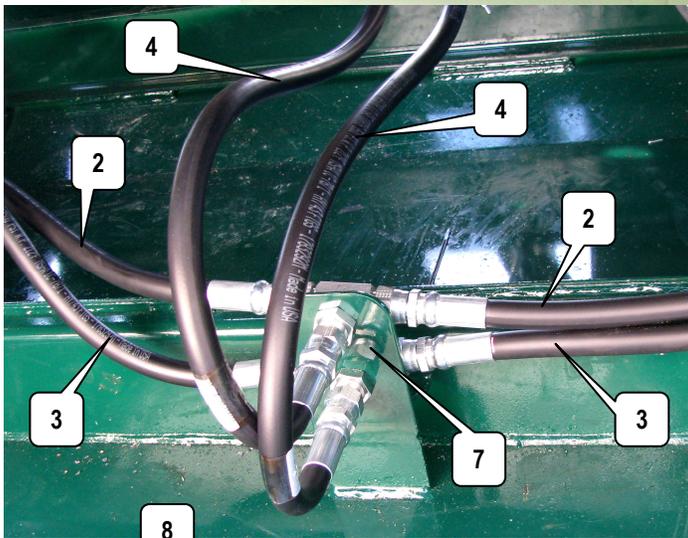
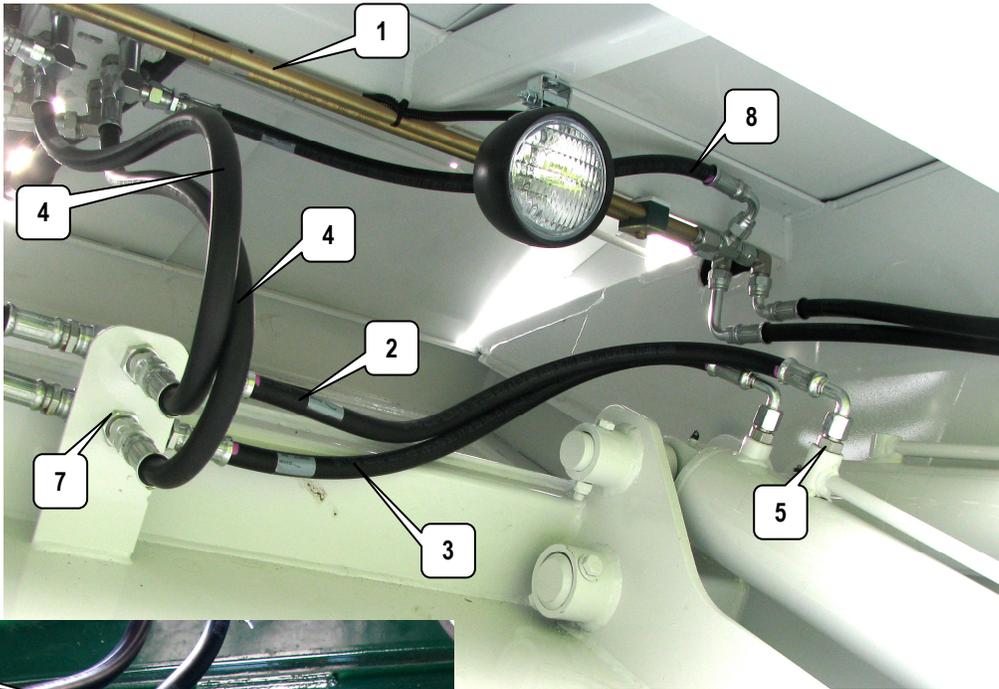


ELITE'S SLIDE & SWEEP "JIC" PLUMBINGS

ITEM	REQ	DESCRIPTION	PART NO.
1	2	HYRAU TUBE ASSY- JIC (SEE PRINT)	9930042
2	2	HOSE ASSY- SWEEP 1/2" X 29"	9934152
3	2	HOSE ASSY- SWEEP 1/2" X 31"	9934153
4	2	HOSE ASSY- SWEEP 1/2" X 36"	9934154
5	4	STRAIGHT ADAPTER- #8 ORB X [#8] JIC	9933021
6	2	STRAIGHT ADAPTER- #10 ORB X #10 JIC	9933022
7	2	BULKHEAD TEE- #10 JIC	9933373
8	2	HOSE ASSY-SLIDER 1/2" X 29"	9934175
9	2	HOSE ASSY- SLIDER 1/2" X 30"	9934176
10	2	HOSE ASSY- SLIDER 1/2" X 32"	9934177
11	2	90 DEGR ADAPTER- #10 JIC MALE X #10 JIC FEM SWIV	9933075
12	2	90 DEGR ADAPTER- #10 JIC M X #10 JIC M	9933063
13	2	TEE- #10 JIC MALE (RUNS & BRANCH)	9933012
14	2	90 DEGR "LONG" ADAPTER- #10 ORB X #10 JIC	9933284
15	4	STRAIGHT ADAPTER- #8 ORB X #10 JIC	9933366

SLIDE & SWEEP CYLINDERS & PLUMBINGS

See pg 05 for "ballooned" items descriptions/ part numbers



11; is item #12 at oppo tube end (there is no tee there)

MAIN SYSTEM RELIEF (of ELITE'S Body-Mounted Valve)

NO	Q	DESCRIPTION	PART NO
1	1	Main System Relief (v20 style for legacy3) (includes the seal kit shown)	8800526
2	-	"Seals only" KIT for Main System Relief	8800806
3	-	-	-

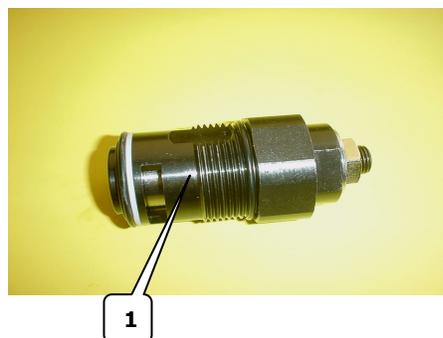
The seals must be installed in the correct sequence...as shown.

Tip...the seals are not "captured" in a groove...they are installed on the "shoulder"...apply liberal dose of common grease to shoulder and tip seals to HOLD them in place as you gently insert them into the valve's "cavity".

Tip...with any cartridge installed in a valve cavity...be certain *the cavity* is clean and free of debris...use a penlight to see inside cavity and then fish-out any old debris.



This relief is **NOT** shipped Pre-set to correct Legacy setting! It must be "adjusted". See your Legacy Maintenance manual for "adjusting/ setting" to correct Legacy specification.



POWER BEYOND SLEEVE (of ELITE'S Body-Mounted Valve)

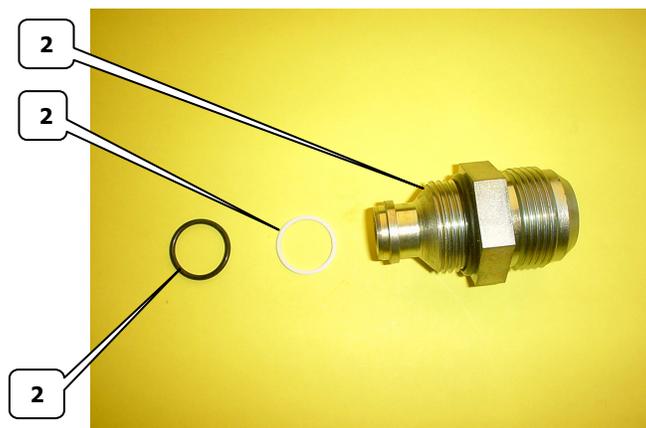
NO	Q	DESCRIPTION	PART NO
1	1	Power Beyond Sleeve (includes the seal kit)	8800335
2	-	Seal kit only for above PB sleeve	8800807

The seals must be installed in the correct sequence...as shown.

Tip...the seals are not "captured" in a groove...they are installed on the "shoulder"...apply liberal dose of common grease to shoulder and tip seals to HOLD them in place as you gently insert them into the valve's "cavity".

Tip...with any cartridge installed in a valve cavity...be certain the cavity is clean and free of debris...use a penlight to see inside cavity and then fish-out any old debris. (Installing *new* seals in a "fouled" cavity will result in failure of the new seal-system.)

Installing the PB sleeve's seals correctly can be difficult because a pool of oil will fill the *upward* directed "cavity"...you may choose to mop out the oil using paper-towels...or suck oil out with hypodermic style tool. Then install the PB sleeve...with it's *greased-up* seals into "dry" cavity.



HI/ LO ELITE Ejector "drift" controller (2-stage V20 Port Relief)
(at Ejector Work-Section of BMV...Extend Port Mounted)



NO	Q	DESCRIPTION	PART NO
1	1 -	-	--
2	- --	-	--
3	- --		--

TAILGATE MOUNTED VALVE...UNIVERSAL KNOCK-OUT SECTION

NO	Q	DESCRIPTION	PART NO
1	-	Universal Knockout (K.O.) Work Section (V20)	8800671

This particular *universal* V20 K.O. work section is "adaptable" to various products and locations. The **ELITE** uses two K.O. Work sections...the **Slider** blade's work section (the section closest to "ground") and the **Sweep** blade's work section (right next to slider, just above slider's).

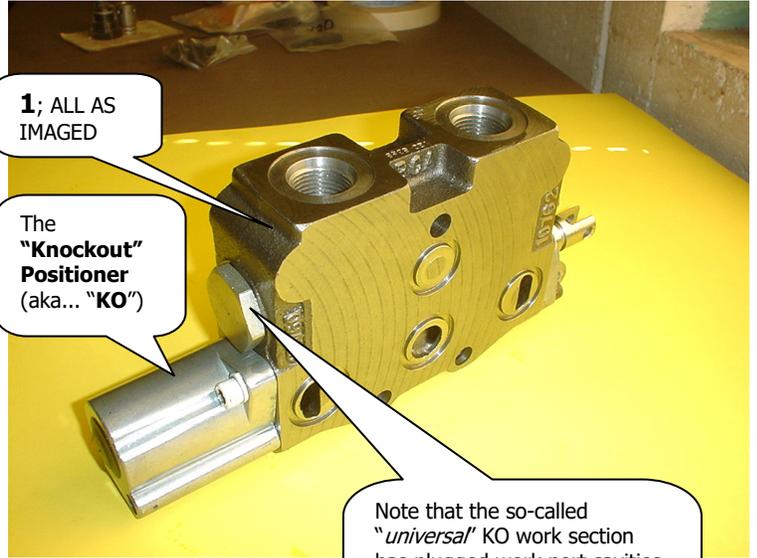
When replacing the **Slider's** work section...you just need to order item 1 and at least one "section seal kit-V20". The Slider work section has no port mounted devices and its cavities simply remained "plugged".

When replacing the **Sweep's** work section...order this universal KO Work section **and** also order...

- The "section seal kit- v20" (at least one)
- The sweep's structure protecting Port Relief (see below)
- The Anitcavitation Check (see below)

DO NOT OPERATE YOUR ELITE WITHOUT THE IMPORTANT "STRUCTURE" PROTECTING "PORT RELIEF" AND "ANTICAV" INSTALLED INTO THE SWEEP BLADE'S WORK-SECTION!

Any K.O. work sections ordered are **NOT preset** to their correct **ELITE** Specifications...see your Hydraulics Manual to Adjust the K.O. positioner to correct ELITE specs...after you have installed it into your truck.



TAILGATE MTD VALVE...SWEEP WORK SECTION'S PORT DEVICES...the Port Relief and the Anticav (together) protects the structure.

NO	Q	DESCRIPTION	PART NO
1	-	Universal V20 Work Section w/ K.O. positioner See above information	8800671
2	1	Port Relief (set to 3700 PSI "crack") Includes all the seals and the "load check"	8800770
3	1	Anti-Cavitation Check (aka..AnitCav) Includes all the seals and the "load check"	8800329

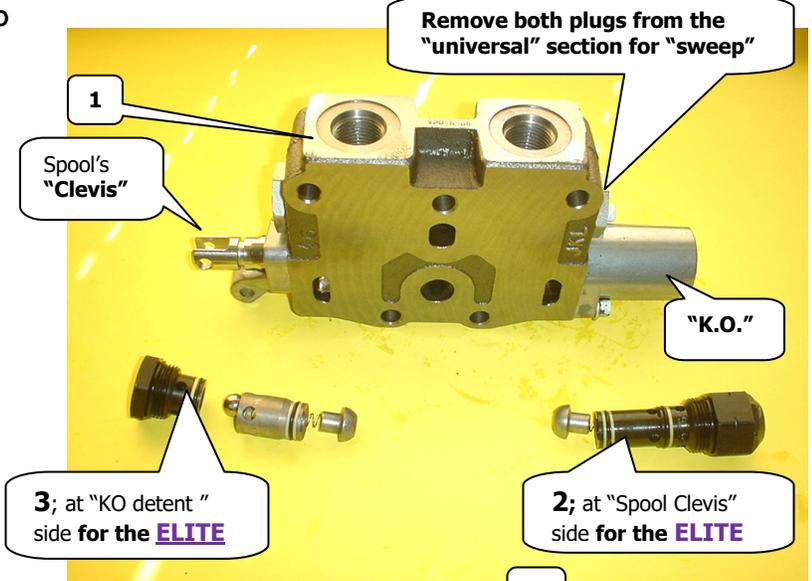
Note position...be sure to install **Relief** at the work port at the **Spool Clevis side** for the **ELITE** (which is the Passen-side)

Note position .. be sure to install the **AntiCav** at the **KO detent side** (driver's) for the **ELITE**

Tip...notice that the **V20** port devices come in loose "pieces". Before trying to install...sub assemble all the "pieces" in the sequence shown. Then use stiff (cold) common grease to HOLD the assembly together...then carefully align and insert into the clean casting cavity. If it did NOT "fall apart"...the threads will thread without "resistance". If you DO feel un-natural "resistance" when threads engage...it *probably* "fell apart", so remove everything from the "cavity" and "start over again".

That "mushroom" shaped poppet with the flimsy spring behind it constitutes the **V20** style "load check".

Tip...whenever you "remove" a **V20** port device... The load check will want to lay in the cavity...you must "fish it out" yourself...it won't come out "on its own". BEST ADVICE=always inspect the cavity to be *clean*...with a penlight and your eyes... whenever working on *any* **V20** port device. Use a magnet-wand and/or hooking tools to "fish".



V20 "SECTION SEALS"

NO	Q	DESCRIPTION	PART NO
1	-	Section Seal Kit (V20 style) One seal kit is enough for <i>one</i> section. There will be 3 large diameter o-rings, and one smaller Diameter o-ring needed...in the seal "kit".	8800763

<Note...You *may* receive in each *section seal kit* some un-needed seals... Just use what is shown here and dispose of the unused stuff...>

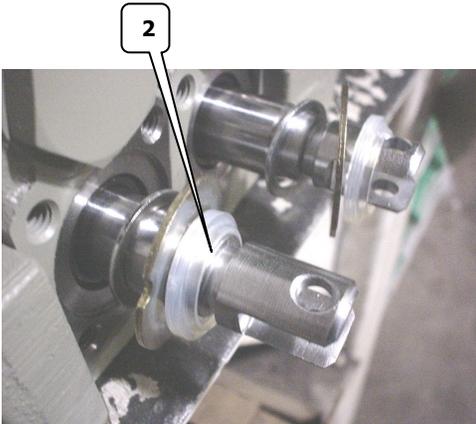
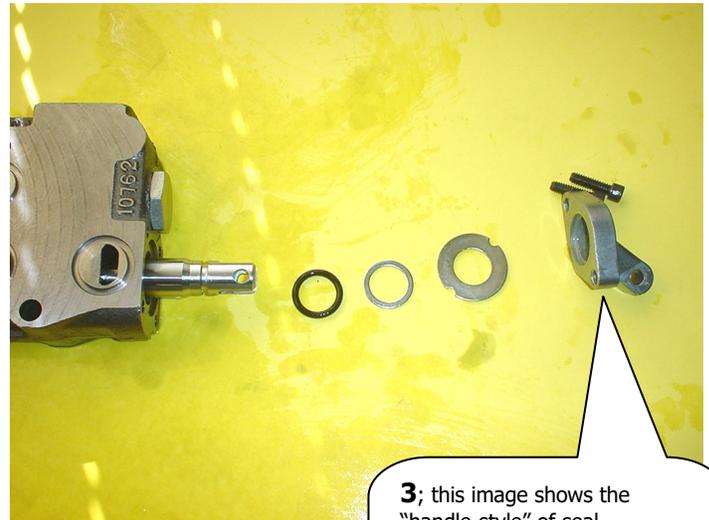
Tip...be sure to **Evenly** Torque-up your V20 tie-rods to **32 FT-Lbs.** when reassembling...uneven or excessive torquing can cause erratic valve operation.

Too-low of tie-bolts torque can cause newly installed section seals to quickly fail and "leak". Too-high torquing will cause casting "distortion".



V20 SPOOL SEAL (AT THE SPOOL CLEVIS SIDE)

NO	Q	DESCRIPTION	PART NO
1	-	Spool Seal Kit (Tailgate-Mtd Valve's spools) This kit contains...two o-rings and two washers (This is enough to do both "ends" of one spool)	8800306
Note that Kit does <i>not</i> include the re-useable metallic parts. Note assembly sequence shown in image.			
2	-	Spool Seal Kit for Body-Mounted Valve's spools Notice that this kit has "EXTRA" wiper For the two <i>Body-MTd</i> spools, one spool's worth per p/n ordered	8800808
3	-	Handle Bracket (includes the two screws)	9931015

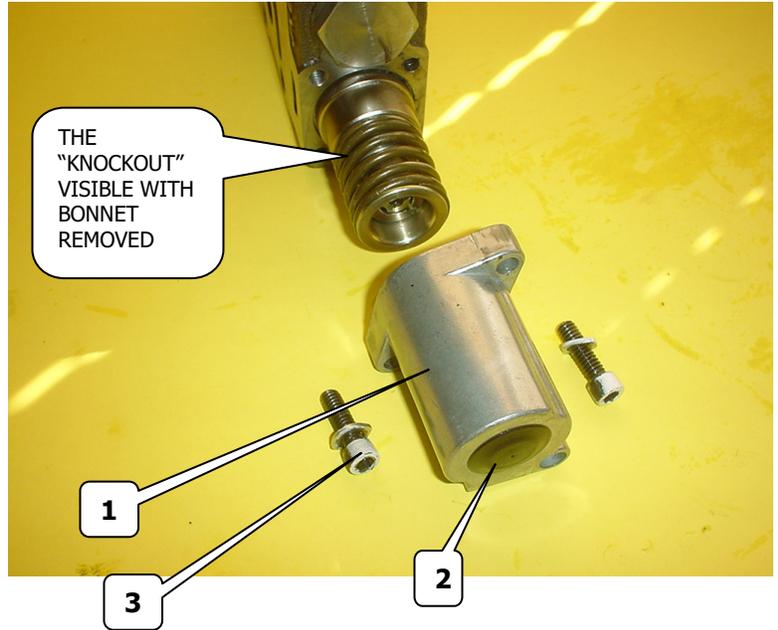


3; this image shows the "handle-style" of seal "retainer"...used at **ELITE's** "Body-Mounted Valve"...reuse this when repairing the "seal" here

1; for spools of "Tailgate-Mounted" valve

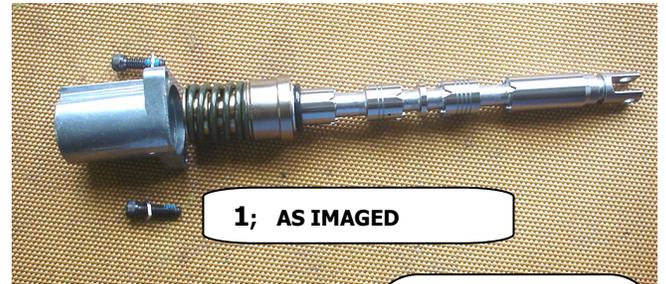
TAILGATE-MOUNTED VALVE...KNOCKOUT'S BONNET

NO	Q	DESCRIPTION	PART NO
1	-	Bonnet (V20) does not include plastic adjust hole plug or The socket screws	8800336
2	-	Hole Plug V20-style (for K.O.'s adjuster access) Black plastic piece...it is important to keep the K.O. "sealed" with this Hole Plug ...If adjuster hole is left wrongly "open"...water (pressure washes ,etc) will enter the K.O. and cause <i>rusting</i> of the K.O.'s many intricate steel parts. Also, dust will enter K.O. (when plastic garbage bags rupture during compact...dust often will puff out) and <i>this</i> will cause premature K.O. wear down. Tip...it is a good idea to coat the bonnet end and plug with common liquid vinyl (buy a small can with "dobber") for extra protection...particularly for frequent "pressure washes" in the valve area.	8800092
3	-	Socket screw fastener "kit" Includes 2 screws and 2 special shape washers	8800810

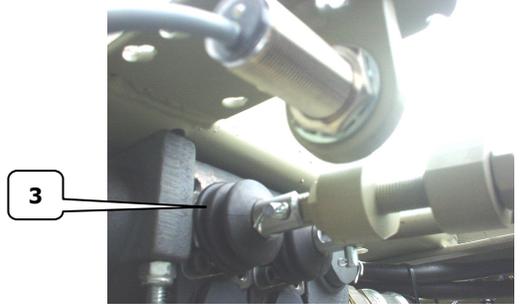
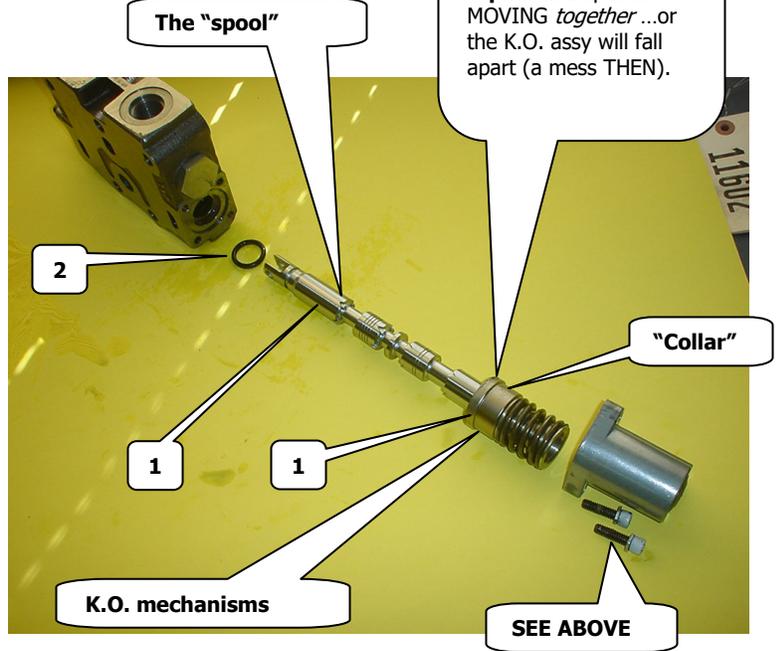


TAILGATE-MOUNTED VALVE...SPOOL & KNOCKOUT SUBASSY

NO	Q	DESCRIPTION	PART NO
1	-	Spool & Knockout Assembly-V20 style <NOT preset...must be <i>adjusted after installed</i> > The spool and K.O. is best removed from the work section casting "as an assembly". Remove the two bonnet's socket-head screws. Disconnect the mechanical push-pull rod from spool's clevis. First push on clevis-side of spool to begin drifting out the assembly. Then pull on the <i>spool itself</i> (not the K.O. mechanism) to complete assembly removal. Be careful to NOT allow the K.O.'s collar to move <i>relative</i> to the spool (the various K.O. inner parts would DIS-assemble themselves... a "mess"). Note. You do NOT need to disassemble the clevis-side spool seal (unless you wish to install fresh seal 8800306 here). This PART allows replacement of spool & knockout <u>without</u> the more time consuming process of replacing the <i>entire</i> cast section. (Although, there can be cases when the <i>whole</i> cast work section will <i>need</i> to be replaced.)	8800739
2	-	Spool Seal...included in V20 "spool seal kit" p/n.... This o-ring seats into machined shoulder recess in section casting. (A second, <i>same</i> o-ring seals the spool on the other "clevis" side.)	8800306
3	-	Bellow Boot (V20 style...spool seal protection) <i>Includes the light gauge steel "capture"</i>	8800809

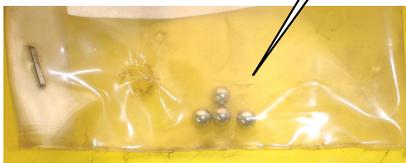
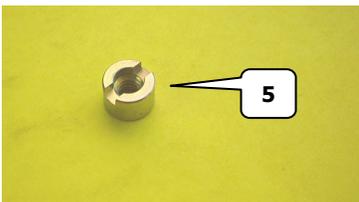
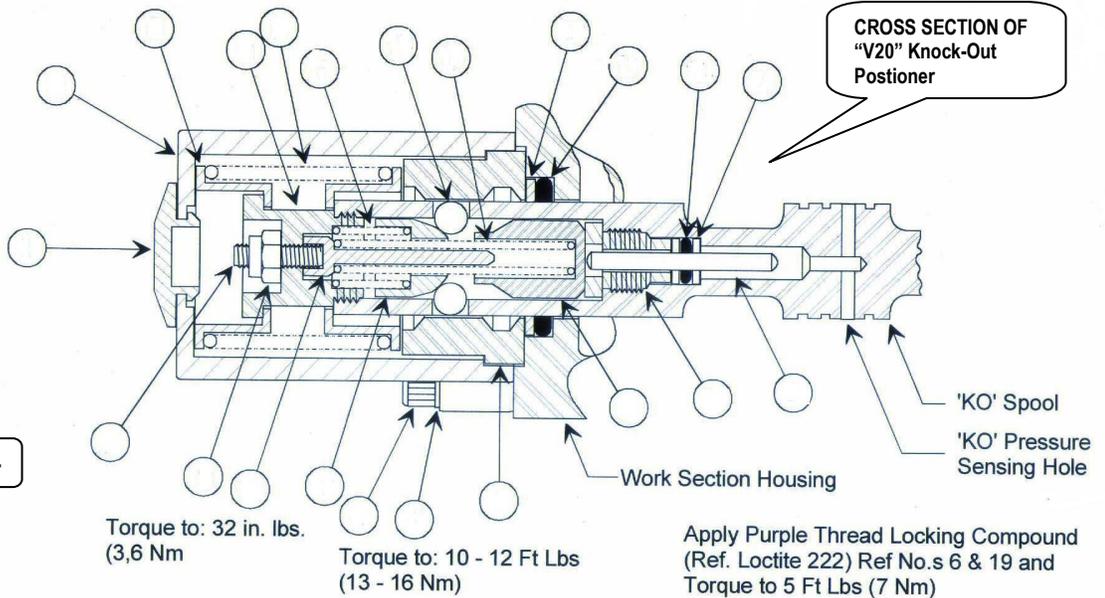
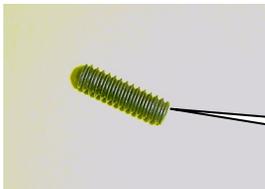
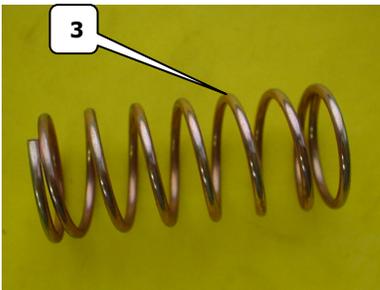
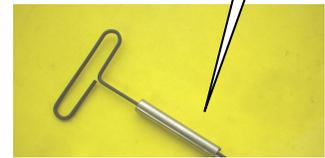


When removing from casting...Do **not** allow **this "collar"** to move **relative to the "spool"**...keep them **MOVING together** ...or the K.O. assy will fall apart (a mess THEN).



TAILGATE-MOUNTED VALVE (PARKER V20)...AVAILABLE "Knock-Out" LOOSE PARTS (& TIE-ROD KITS)

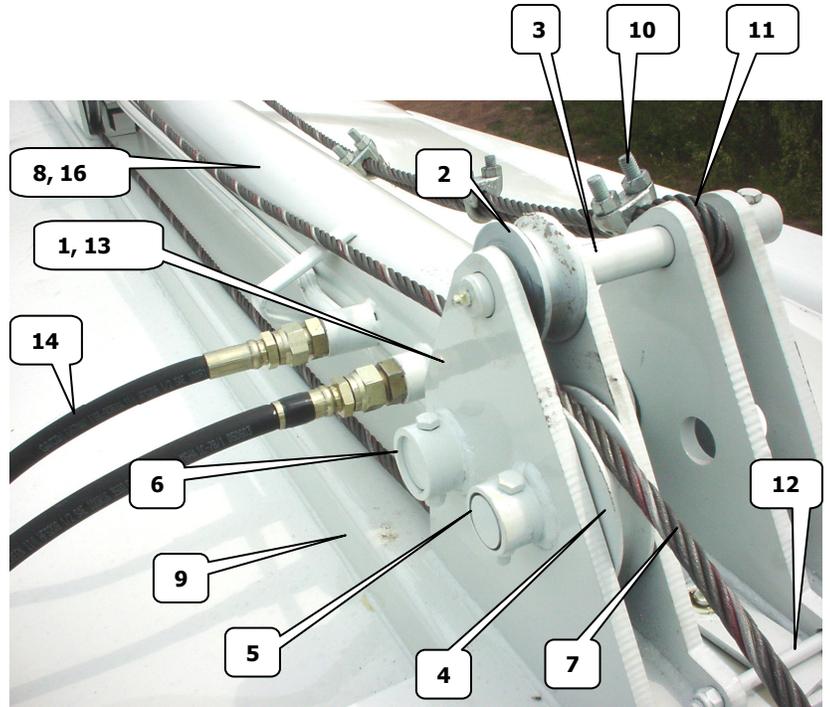
NO	Q	DESCRIPTION	PART NO
1	-	Knock-out Seal Kit (<i>Parker has made N/A</i>)	8800331
2	-	Tool (special tool to <i>adjust V20 Knockouts</i> adjuster)	8800316
3	-	V20 knockout centering (Extra Heavy for K-O's)	8800777
4	-	V20 Knockout thread Adjusters stem	8800518
5	-	V20 Slotted Jamming Collar	8800519
6	-	V20 K.O. Hole plug (Adjuster access hole in bonnet <i>IMPT...keep you K.O.'s sealed from grit & water!!!</i>)	8800092
7	-	V20 K.O. Detent Balls (Sold individually)	8800521
8	-	V20 Tie Rod Kits Includes the 3 PER V20 tie rods and enough "section seals" for the whole valve assy	
		kit for: 2 spooled work sections	8800310
		3 spooled work sections	8800311
		4 spooled work sections	8800312
		5 spooled work sections	8800313
		6 spooled work sections	8800314



"2-10" REEVER OPTION

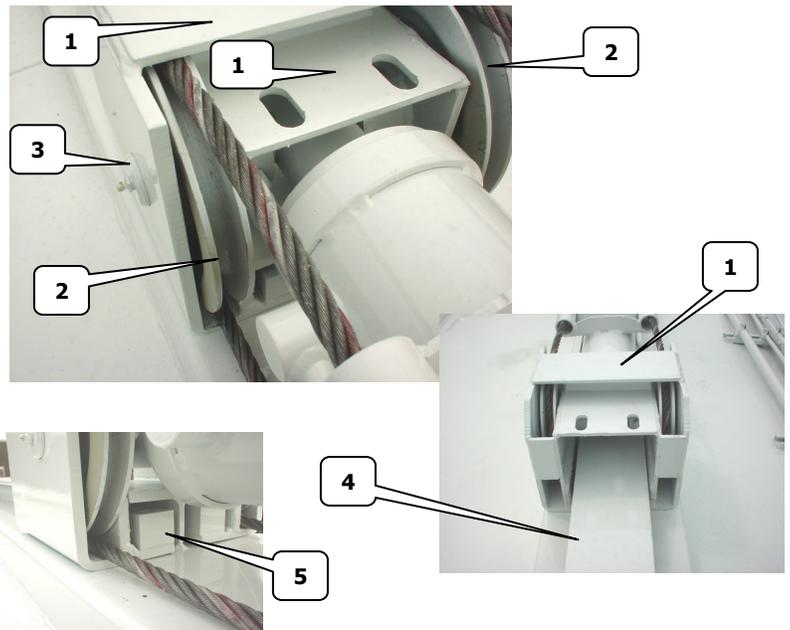
NO Q DESCRIPTION PART NO

1	1	Rearward Sheave box Weld assy (Weldment "only" that welds to "channel")	0120635
2	1	3" Diameter Sheave	9960243
3	1	Pin	0080227
4	1	5" Diameter Sheave	9960074
5	1	Axle	0080226
6	1	Pin (for cylinder base-end)	0080228
7	1	Cable (1/2" x 52 foot...with "hook")	9960140
8	1	Hydraulic Cylinder (Petibone style) (This "style" has welded on barrel "guide eyes")	9937067
9	1	Main backbone Channel If Excel, then part no is 0031383 If Legacy, then part no is 0030558	
10	3	Wire Rope Clamp (aka... "clip") (See Maint Manual for correct/secure installation)	9960041
11	1	Thimble (for 1/2" wire rope)	9960041
12	1	Pin weld assy (for laying flat sheave)	0120390
13	-	Rearward Sheave Box Sub assy (The weldment <i>with</i> its sheaves, pinning's, fasteners)	0120362
14	2	Hose Assy If Excel, 1/2" x 131" lg 9934174 If Legacy3, 1/2" x 106" lg 9934192	
15	1	Sheave- 6" diameter	9960066
16	-	Seal Kit for Hydraulic Cylinder 9937067	8800719

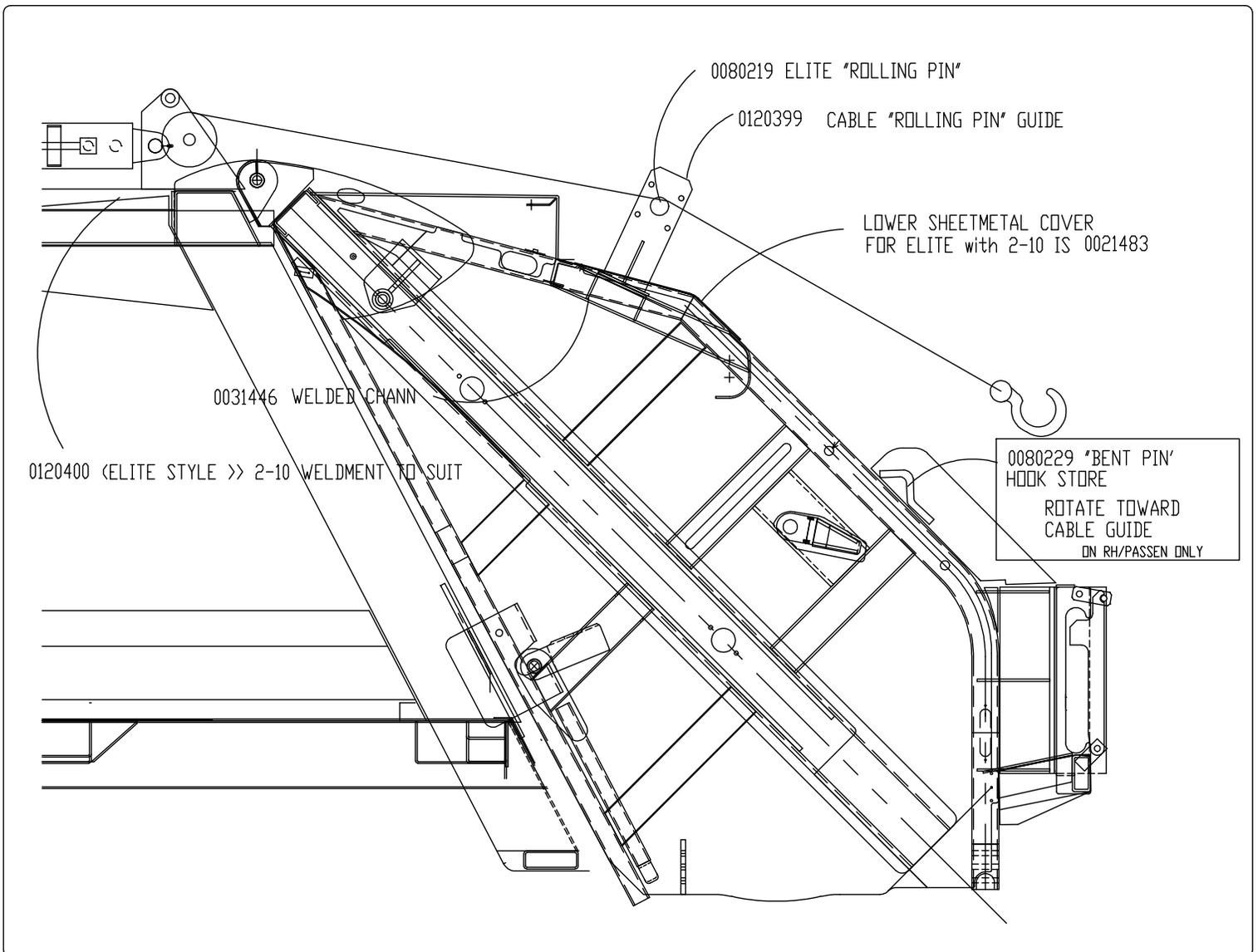


NO Q DESCRIPTION PART NO

1	1	Sliding Sheave Block Weld assy	0120015
2	2	Sheave- 8" diameter	9960062
3	1	Main Pin (for "sliding" sheave block)	0080051
4	1	"T-bar" (This welds to "backbone" channel)	0070054
5	2	Polymer Wear Block	2600020

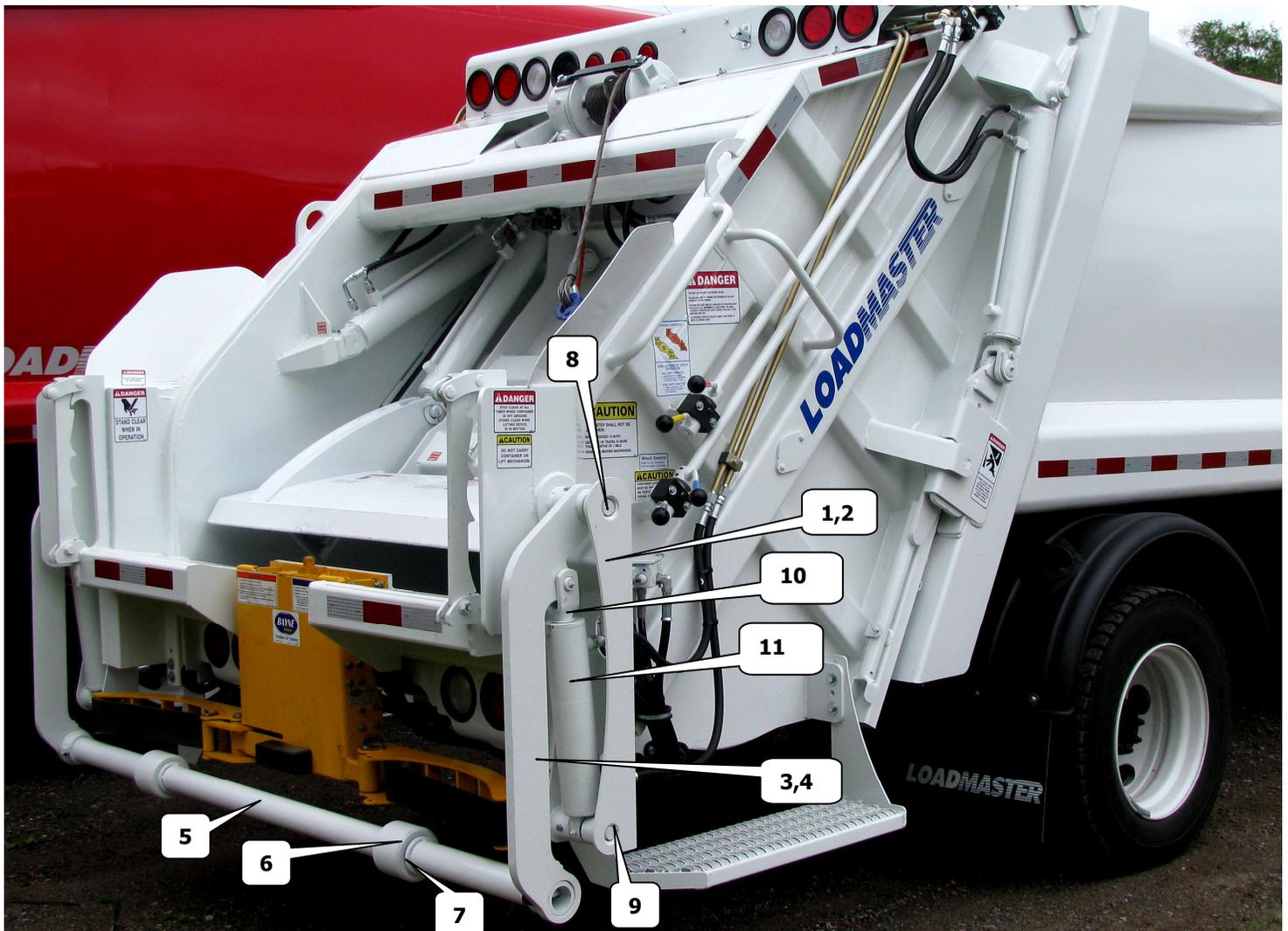


"2-10" REEVER OPTION (ELITE STYLE)



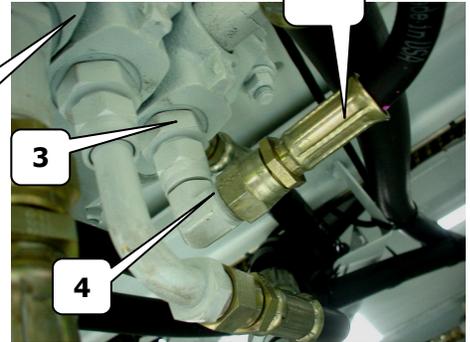
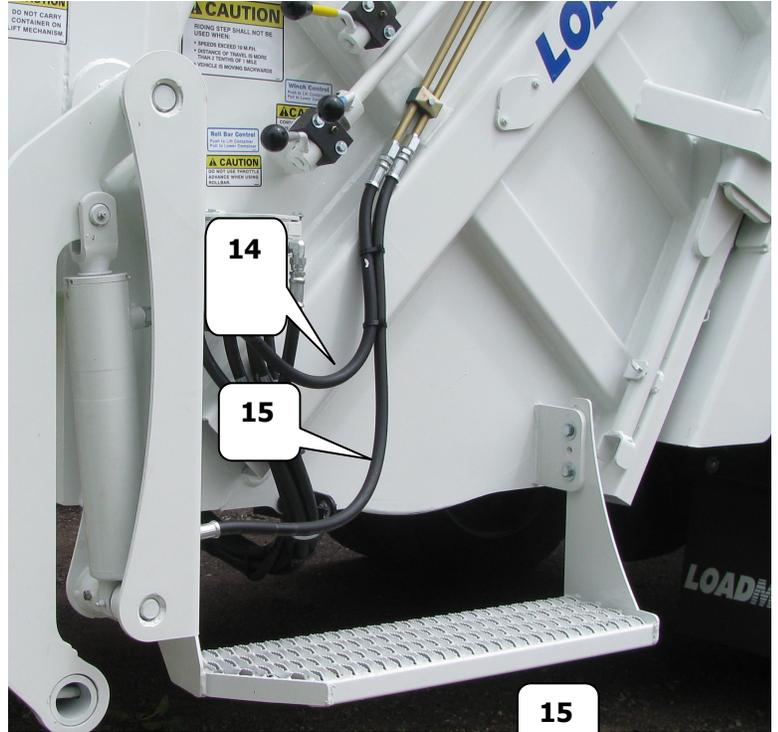
CLEAR-STEP ROLLBAR ... OPTION

NO	Q	DESCRIPTION	PART NO
1	1	Static Frame Weld Assy –driver’s side	0120383
2	1	Static Frame Weld Assy-passenger side	0120384
3	1	Kick Arm Weld Assy- Driver’s side (standard length)	0120625
		Kick Arm Weld Assy- Driver’s (+1” longer/ 1 dimple)	0120803
		Kick Arm Weld Assy- Driver’s (+2” longer/ 2 dimple)	0120808
4	1	Kick arm weld Assy- Passen side (standard length)	0120626
		Kick Arm Weld Assy- Passen (+1” longer/1 dimple)	0120804
		Kick Arm Weld Assy-Passen (+2” longer/ 2 dimple)	0120809
5	1	Cross Tube Weld Assy (ELITE style) (This Assy includes the retained poly rollers)	0120609
6	2	Poly roller (Only the polymer “roller”)	2600033
7	4	Poly roller’s Retainer Collars (weld-on)	0050026
8	2	Main Pivot Pin weld Assy	0120415
9	2	Cylinder Pin (lower @ cylinder base-end)	0080235
10	2	Cylinder Pin (upper @ cylinder rod-side)	0080234
11	2	Cylinder (for clear step roll bar option) Seal kit for Roll bar Cylinder (<i>complete</i>)	9937070 8800613

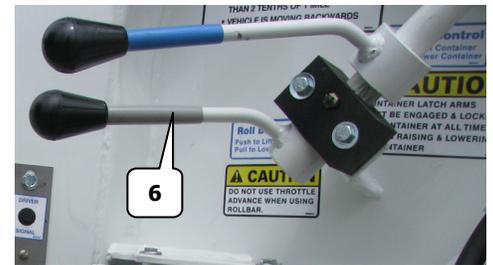
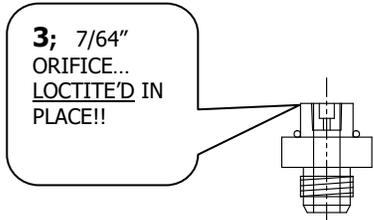


CLEAR-STEP ROLLBAR HYDRAULICS- LCY3

NO	Q	DESCRIPTION	PART NO
1	1	Port relief... V20 style @ 1800 psi "crack" (1800 psi must be in "UP" work port cavity)	9932092
2	1	Port Relief....V20 style @ 700psi "crack" (700 PSI must be in "DOWN" work port cavity)	9932091
3	2	Orifice Fitting.... V20 style @ 7/64" orifice (controls up + down "speed"... mandatory)	0120629
4	2	90 Degree Adapter- #10JIC FMS x #10JIC male	9933075
5	1	V20 Universal Option Work Section (not knockout) <i>Universal; 4-way; spring-centered; PARALLEL</i> (for V20's...all V20 option sections are PARALLEL) !!Does not include port reliefs... order correct PORT RELIEFS separately!!	8800682
6	1	Gray color-code Sleeve (Roll Bar "color" is gray)	9960225
7	1	Caution Decal..."Do not use throttle..."	9980046
8	1	Info Decal..."Roll Bar Control..."	9980031
9	1	Caution Decal..."Container Latch Arms..." ALWAYS... Latch BOTH arms before raising a "can" !!	9980033
10	1	Caution Decal..."Stay Clear..."	9980027
11	1	Caution Decal..."Do not carry..."	9980028
12	2	Roll Bar Hydrau Tube- Elite SHORT Leg	9930251
13	2	Roll Bar Hydrau Tube- Elite LONG Leg	9930252
14	2	Hose Assy- 1/2 x 34" Lg	9934220
15	2	Hose Assys- 1/2 x 40" Lg.	9934219
16	2	Hose Assy—1/2 x 24" Lg.	9934221

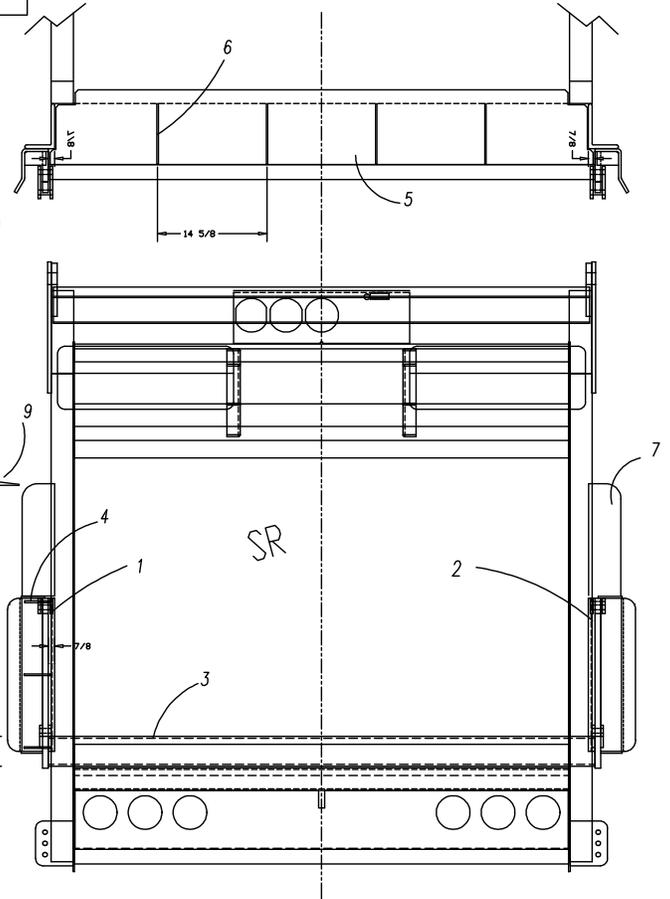
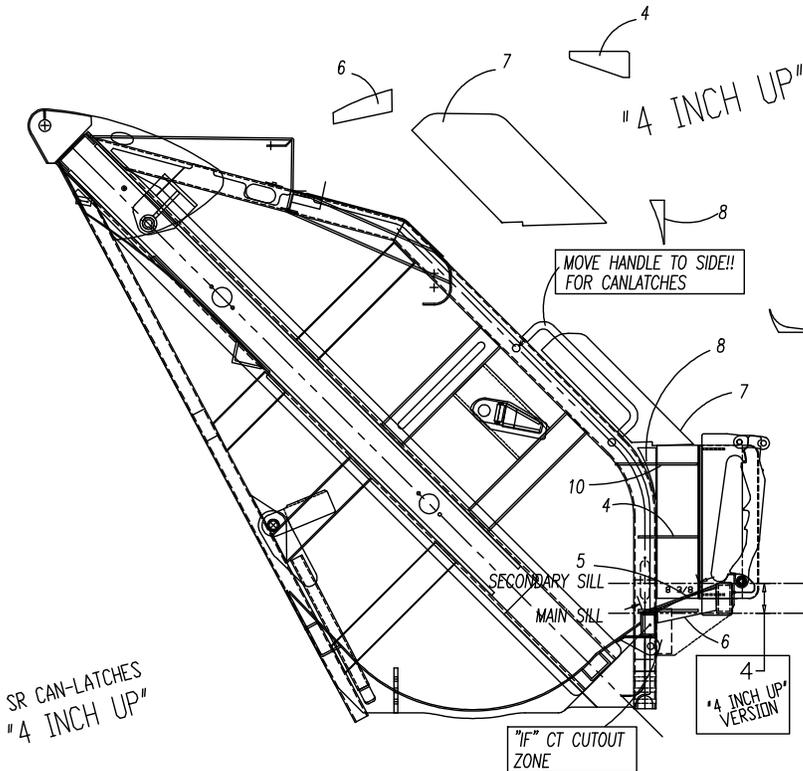
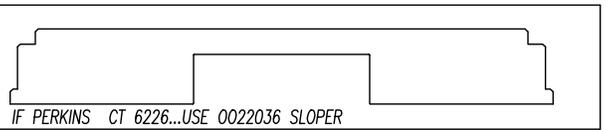
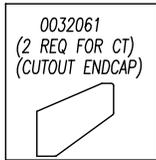


*Tailgate-Mounted Valve
Parker V20 for the Elite*



CAN LATCH OPTIONS (ELITE "STYLE")

ITEM	REQ	DESCRIPTION	PART NO.
1	1	SR COUPLER WELD SUBASSY-LH	0120438
2	1	SR COUPLER WELD SUBASSY-RH	0120439
3	1	SR SECONDARY TUBULAR SILL	0060381
4	4	GUSSET-SR LATCH	0031457
5	1	SLOPER SHEET- SR "2 & 4-INCH UP" STYLE (NO CT)	0022035
6	4	SPANNER RIBS- SR 4" UP STYLE	0022471
7	2	TRASH WINDBLOCKER-SR	0021604
8	2	RADIUS FILLER-SR 4" UP STYLE	0032060
9	2	FILLER- JAN'12 STYLE	0022363
10	2	GUSSET- UPPERMOST	0032562



SR CAN-LATCHES
"4 INCH UP"

11-04-08

SR CANLATCH INSTALL- 4 INCH UP

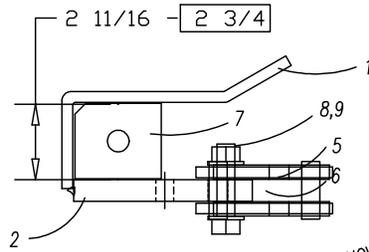
LOADMASTER 0120474 ^{1/16}

ELITE style of CAN LATCH

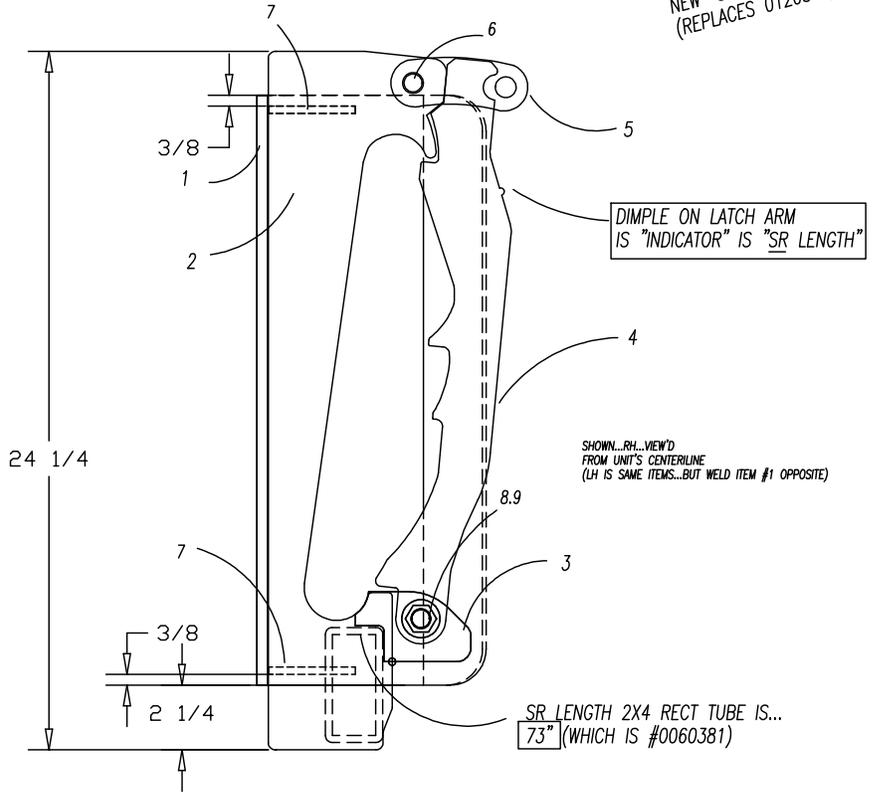


CAN LATCH OPTIONS (ELITE "STYLE")

ITEM	REQ	DESCRIPTION	LH PART NO.	RH PART NO.
1	1	ELEPHANT EAR (LEAD-IN) PLATE- EXTENDED STYLE	0032742	0032742
2	1	LATCH PROFILE PLATE (TILTED 6 DEGREES)	0032743	0032743
3	2	HINGE PIVOT PLATE (NOV '10 STYLE)	0032228	0032228
4	1	LATCH ARM (1" OFFSET)	0032744	0032744
5	2	SWING HASP	0031452	0031452
6	2	SWING PIVOT PIN	0080058	0080058
7	2	CANLATCH SPACER (NOV '10 STYLE)	0032229	0032229
8	1	FRAME BOLT- 5/8UNC X 2 1/2" LG	9950756	9950756
9	1	FLANGED TOPLOC NUT- 5/8"UNC	9950049	9950049
10				



NOV 18 2014...THIS STYLE NOW ACTIVATED (MYSIS & DWGS) TO THE NEW "STD" SR CANLATCH W/A's (REPLACES 0120811/ 0812)



SR AUG '14
TILTED/ELONGATED...
FOR MORE "RELAXED" CAN TRUNNION COUPLINGS

4401038
4401039 BOM "ADDS" THIS ELONGATED CAN LATCHES (LH/RH)
AND "DELETES" STANDARD SR CAN LATCHES (LH/RH)
ALL OTHER SR CAN COUPLER ITEMS ... ARE "NOT" AFFECTED

SHOWN...RH...VIEW'D
FROM UNIT'S CENTERLINE
(LH IS SAME ITEMS...BUT WELD ITEM #1 OPPOSITE)

SR LENGTH 2X4 RECT TUBE IS...
73" (WHICH IS #0060381)

4401038 Is SALES ORDERIGN/BOM

08-20-14

SR CANLATCH WELDASSY-LH/RH (AUG '14 TILTED/EXTENDED STYLE)



0120859 -LH
0120860 -RH

1/8

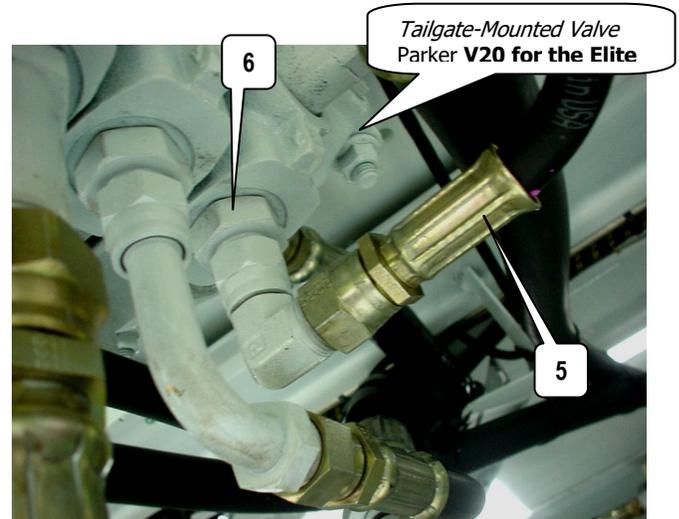


ELITE style of CAN LATCH

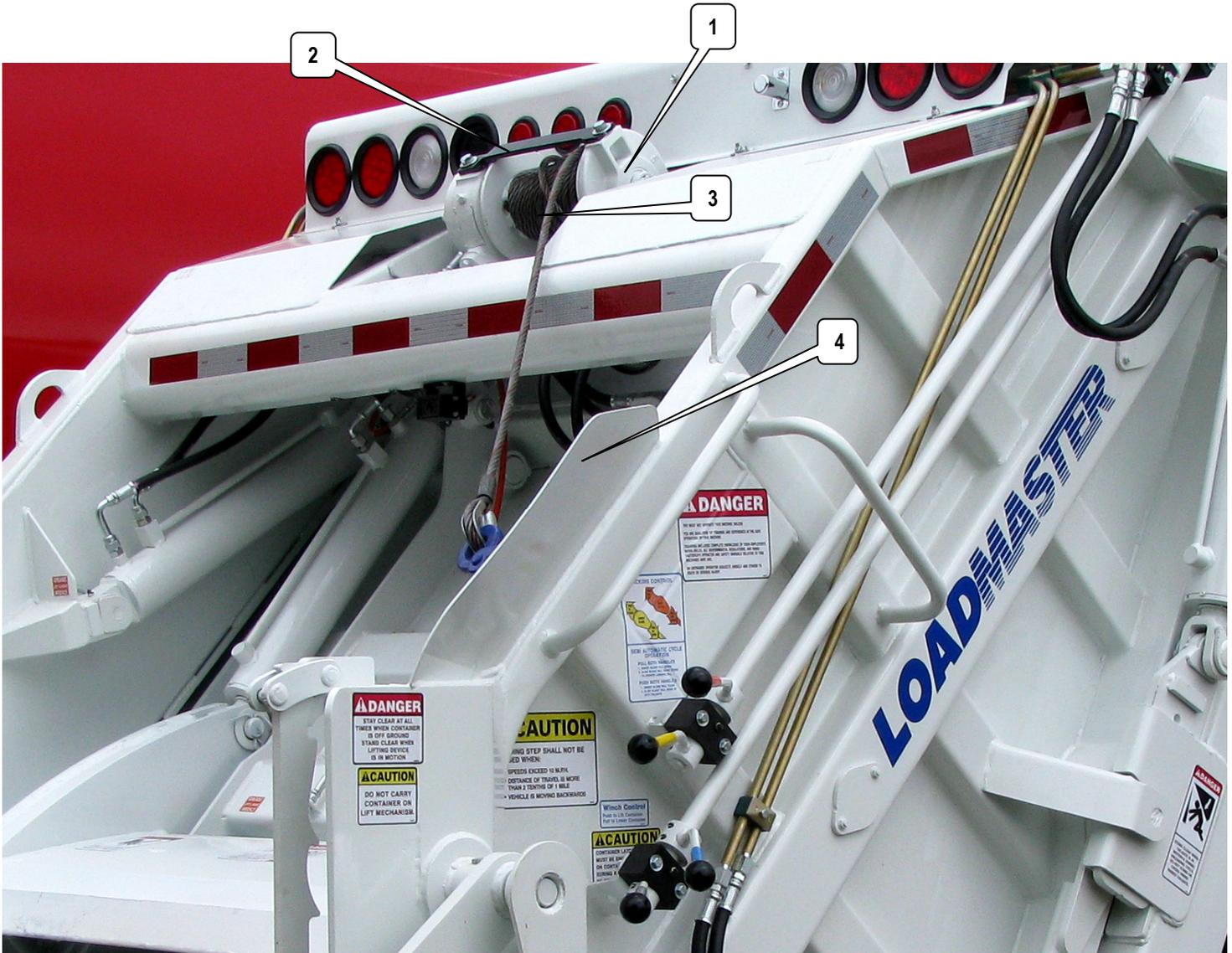
DRUM WINCH OPTION... 8K ELITE

NO	Q	DESCRIPTION	PART NO
1	1	Spooling Drum Winch (Bloom 8k...complete)	9960001
2	1	Cable Capture	0032047
3	1	Cable Assy (w/ Swaged on hook)	9960156
4	2	Wind Blocker / Funnel Panel	0021604
5	2	Hose Assy- 1/2" X 32" Lg. (elite Winch)	9934066
6	Q	XX	
7	Q	X	
8	Q	X	
9	6	Capscrew- 1/2unc x 4 1/2" lg (grade 8)	9950716
10	6	Flanged Lock nut (G8) 1/2 unc	9950062
11	6	9/16" Thru Hard Flat Washers	9950139

Items 9- 11...not visible, but anchors the Winch

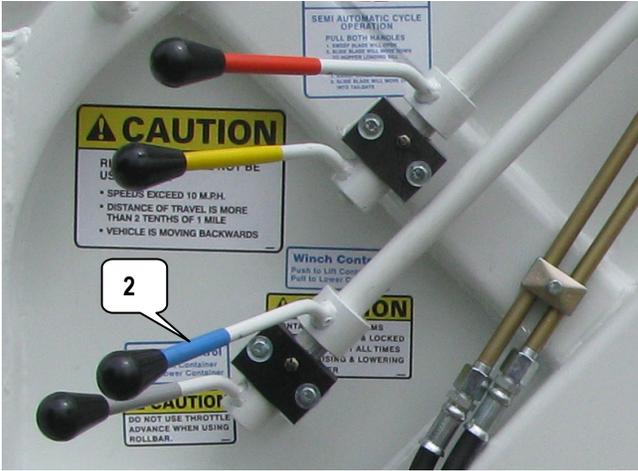
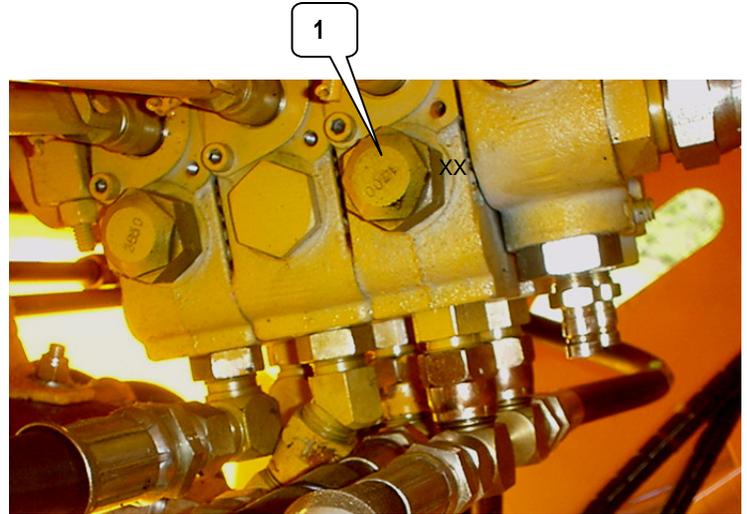


Drum Winch Opt.... does **NOT** get any flow restriction devices (none used).



SPOOLING DRUM WINCH... 8K on ELITE

NO	Q	DESCRIPTION	PART NO
1	1	V20 Port Relief (1800 PSI "crack")..winch UP port	9932092
2	1	Blue Color Vinyl Sleeve (winch opt color ..is "blue")	9960224

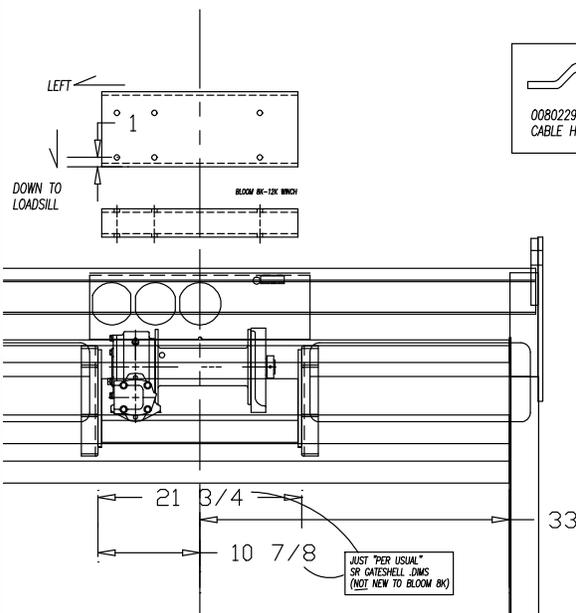




0080229 <2 REQ>
CABLE HOOK STORES

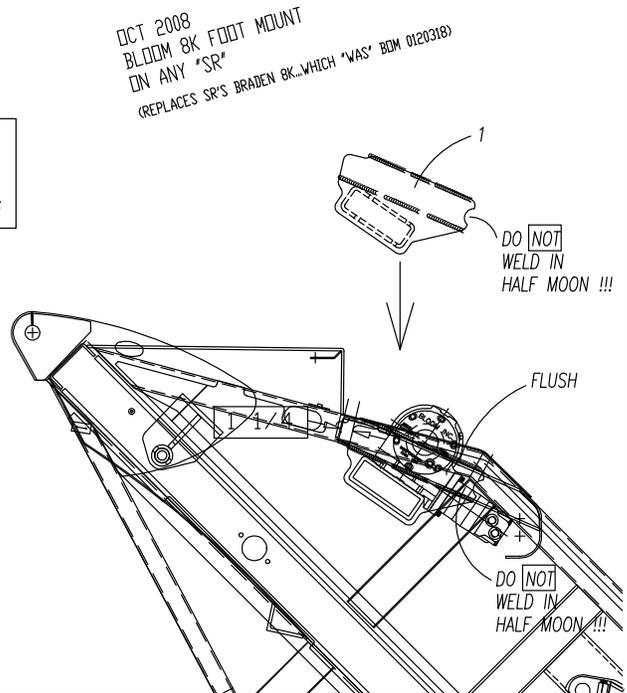
ITEM	REQ	DESCRIPTION	PART NO.
1	1	WINCH DROP SUBWELD ASSY (8K BLOOM)	0120472
2	1	BLOOM 8K WINCH (MAX 8K ON A "SR")	9960001
SEE BOM 0120471 FOR MORE COMPLETE BOM			

ASSURE 1800 PSI CRACK "UP" WORKPORT RELIEF IS INSTALLED!!!





0080229 <2 REQ>
CABLE HOOK STORES



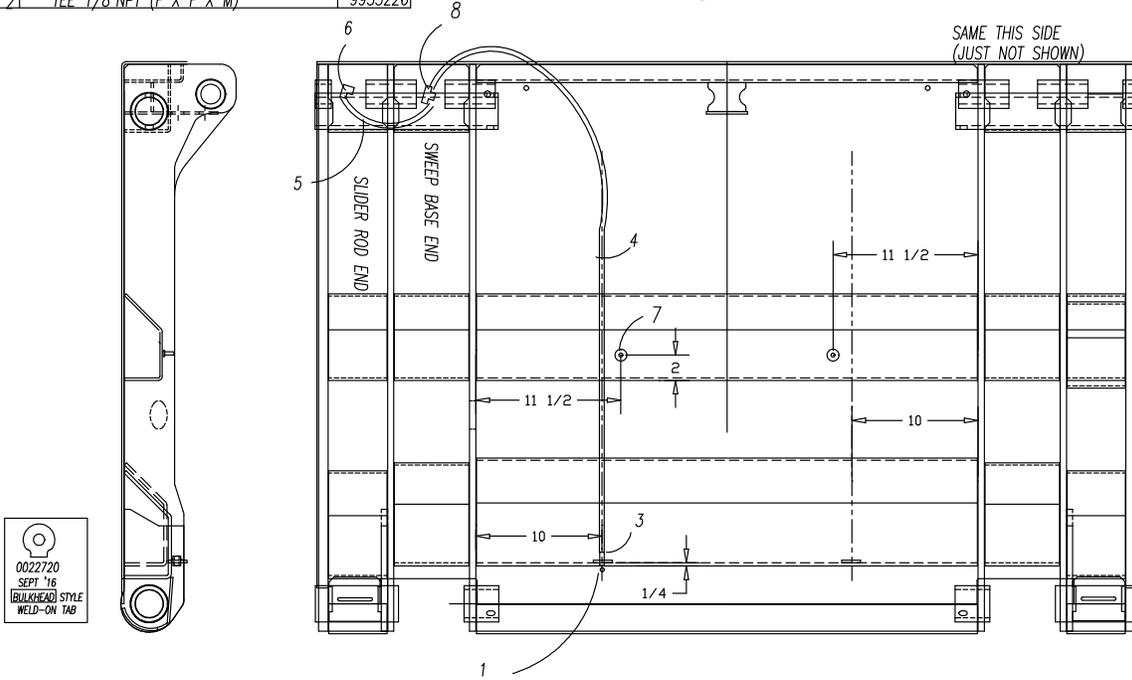
REMOTE GREASER OPTIONS (Elite styles)

REV 09-01-16 RRB CONVERTED TO "BULKHEAD" STYLE

ITEM	REQ	DESCRIPTION	PART NO.
1	2	WELD ON TAB- BULKHEAD STYLE	0022720
2			
3			
4	2	1/8" BLK BULKHEAD GREASER HOSE- 51 1/2" LG	9934458
5	2	ORANGE GREASER HOSE- 1/4 X 10 1/2"	9934314
6	2	90 DEGR ADAPTER- 1/8" NPT MALE X FEM SWIV	9933225
7	2	PROJ STUD- 5/16" UNC X 5/8" LG	9950565
8	2	TEE 1/8"NPT (F X F X M)	9933226

ALERT !! REMAINS "NON" BULKHEAD

ELITE NOV '10



THIS IS A "2 IN 1" GREASER
FIRST TIME WE TRY'D THIS STYLE

CONVERTED TO BULKHEAD STYLE SEPT 01 '16 (BUT NOTE THAT... HOSE #5 REMAINS "NON BULKHEAD")

1/16

CHATTANOOGA FIRST TO GET THIS

11-23-10

RRB

SWEEP BASE-END & SLIDER ROD-END REMOTE ZERK OPTION

LOADMASTER

4401018



REMOTE GREASER OPTIONS (Elite styles)

REV 09-01-16 RRB CONVERTED TO BULKHEAD STYLE

ITEM	REQ	DESCRIPTION	PART NO.
1	1	1/8" BLK BULKHEAD GREASER HOSE X 67 1/2" LG	9934460
2	1	STRAIGHT ZERK - (1/4"-28 STRT THREAD)	9950275
3			
4	1	BULKHEAD STYLE WELD ON TAB	0022720
5	4	PROJ STUD- 5/16 UNC X 5/8" LG	9950565
6	3	CLAMP	9910035
7	1	90 DEGR ADAPTER- 1/8 NPT MALE X FEM SIWV	9933221

ELITE STYLE

CONVERTED TO "BULKHEAD" STYLE SEPT01 '16

03-21-11 RRB REMOTE GREASE OPT- BODYSIDE of EJECTOR TELE 1/32 4401024

REV 03-22-11 RRB ADDED BLOCKER PANEL W/HOLE

REV 09-01-16 RRB CONVERTED TO BULKHEAD STYLE

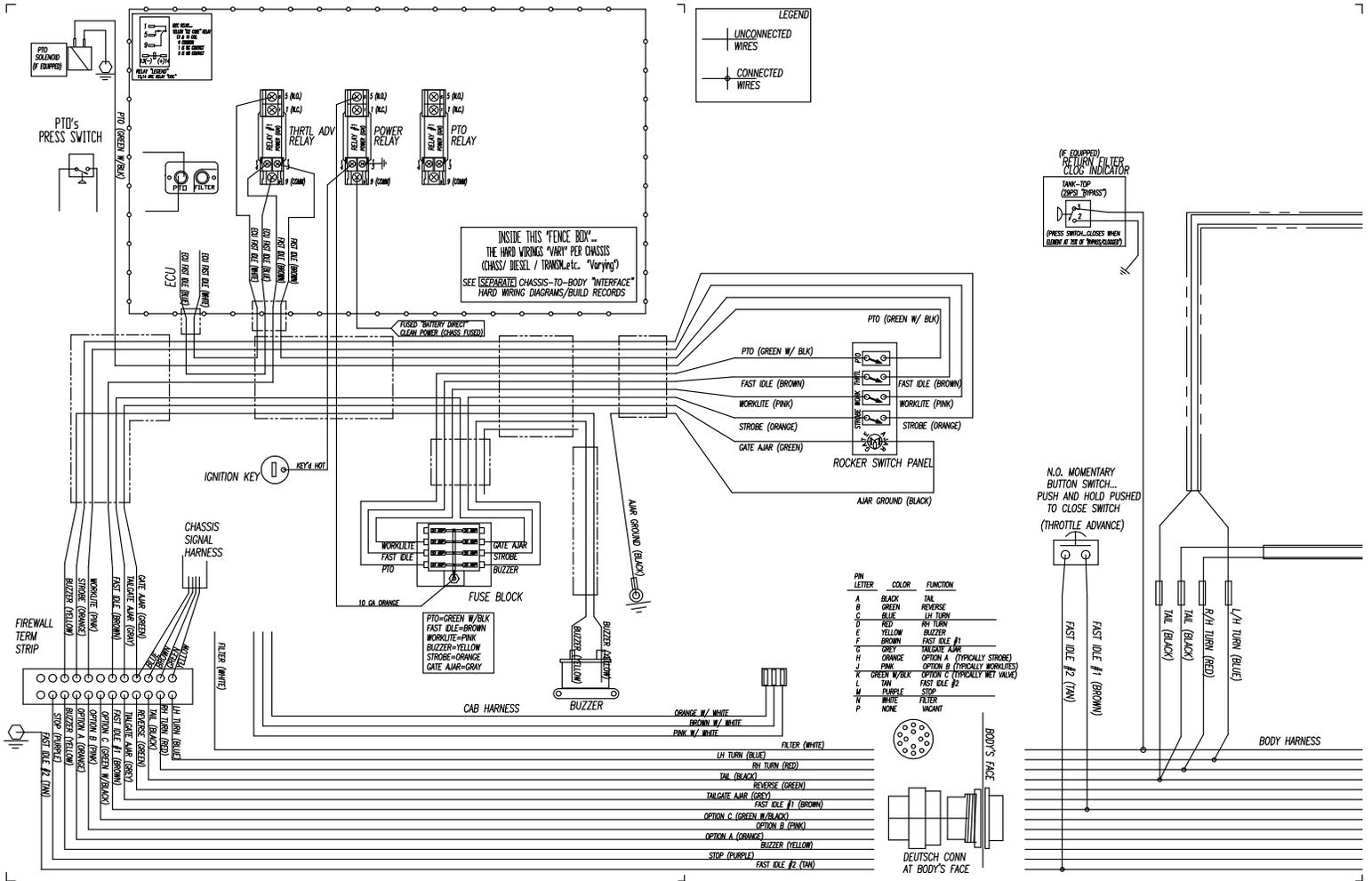
ITEM	REQ	DESCRIPTION	PART NO.
1	2	1/8" NPT BULKHEAD GREASER HOSE X 51 1/2" LG.	9934458
2	1	STRAIGHT ZERK- *1/4"-28 STRT THREADS)	9950275
3			
4	1	LH BLOCKER PANEL (W/ GREASER HOLE)	0022253
5	2	PROJ STUD- 5/16 UNC X 5/8" LG	9950565
6	2	CLAMP	9910035
7	1	90 DEGR ADAPTER- 1/8 NPT MALE X FEM SIWV	9933221

ELITE STYLE

REVISED TO "BULKHEAD" STYLE SEPT01 '16

03-21-11 RRB REMOTE GREASE POINT OPT- SR EJECTOR-SIDE of TELE 1/16 4401023

OVER ALL ELECTRICAL SCHEMATIC (GENERIC)... LEFT HALVE



CORRECT "FACTORY" ELITE PRESSURE SETTINGS

Main System Relief >>2775- **2750** PSI @ T-ADV at warm'd oil

Slider KO Positioner >> 2375- **2350** PSI @ T-ADV at warm'd oil

Sweep KO Postioner>> 2350- **2250** PSI @ T-ADV at warm'd oil

Hi/Lo set Lo of Hi/Lo to >> **1450** -1400 PSI @ T-ADV!

Structure Protection Port Relief >> **3700 PSI "crack"** (fixed; not adjustable) ... Installed at Sweep Cylinder's **BASE END work port**

If **WINCH** opt> **1800** PSI "crack" port relief must be at the **UP** workport (*no* relief for winch *down*) & **no** flow restrictors

If "2-10" Roof-Mounted **CABLE REEVER** opt> **1800 PSI UP (only)** port relief & **no** flow restrictors
For ELITE only...the UP port relief DE-Tunes the "2-10" to 8K line pull

If **ROLL BAR** opt> **1800** PSI "crack" **UP** port relief and **700** PSI "crack" **DOWN** port relief
Work port **ORIFICES** (flow restricting) are present at "**both**" Roll Bar **workports**

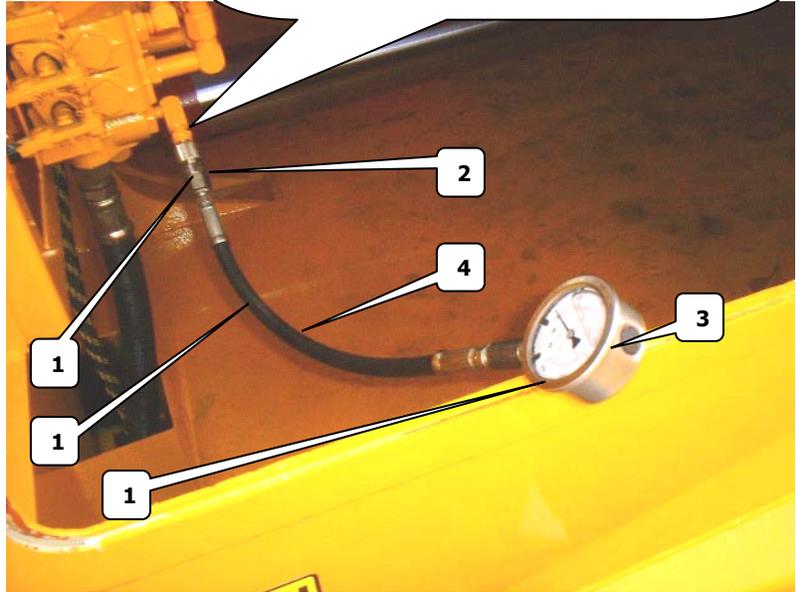
If **ExtraValveSection** style of Cart Tipper(s) opt>
1800 PSI "crack UP and **700** PSI crack down port reliefs must be present AND 2 "**adjustable**" In-Line flow restrictors: adjusted to yield CT = **8.5** (-8.8) seconds **UP + DOWN** (no pause between)

SOME "TOOLS" FOR THE ELITE

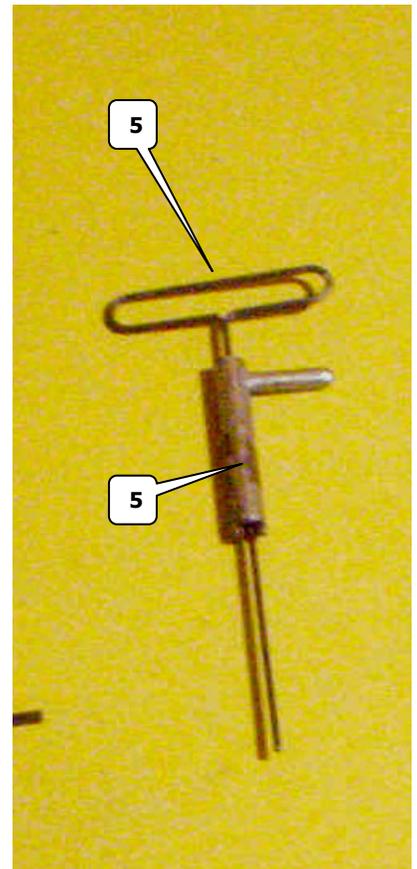
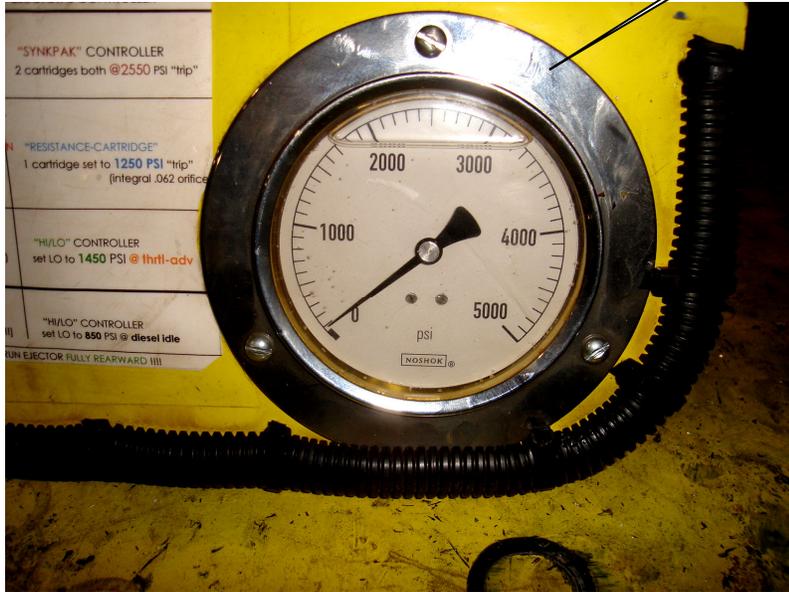
NO	Q	DESCRIPTION	PART NO
1	-	Assembly,...0-5000 Glycerin Gauge on a 2-foot Hose with Female coupler	0130014
2	-	Coupler (a "Quick Connect") ONLY <i>That mates to the "standard" LoadMaster male gauge stem Other "end" of it is 1/4"npt female</i>	8800525
3	-	Glycerin Filled Gauge (0-4000 PSI) 1/4"npt male stem style <i>This is the "cheap" 2 1/2" diameter "common" gauge See Below for some "good advice"</i>	9931110
4	-	Gauge Hose assy- 1/4" x 24" OAL (5000PSI W.P.) 1/4"NPT male x 1/4"NPT FMS	9934092
5	-	V20 "Knock-Out" Adjusting Tool <i>The Parker V20 is the ELITE's Tailgate-Mounted Valve The V20 (only) needs this tool to adjust it's Knock Out Positioner</i>	8800316
6	-	4" DIAMETER Glycerin-Filled 0-5000 PSI gauge <i>You could successfully adjust your pressures using a Cheap 2 1/2" common gauges (\$30)...but they can be NOT worthy of Trust...at least use a "newer" cheap gauge.</i>	9931111

Every LOADMASTER Body will have a **Male Gauge Stem** at the Inlet Cover of "Body-Mtd Valve"...this is PUMP PRESSRE...**ALL** LOADMASTER "pressure checks" are done **at this** Gauge Point.

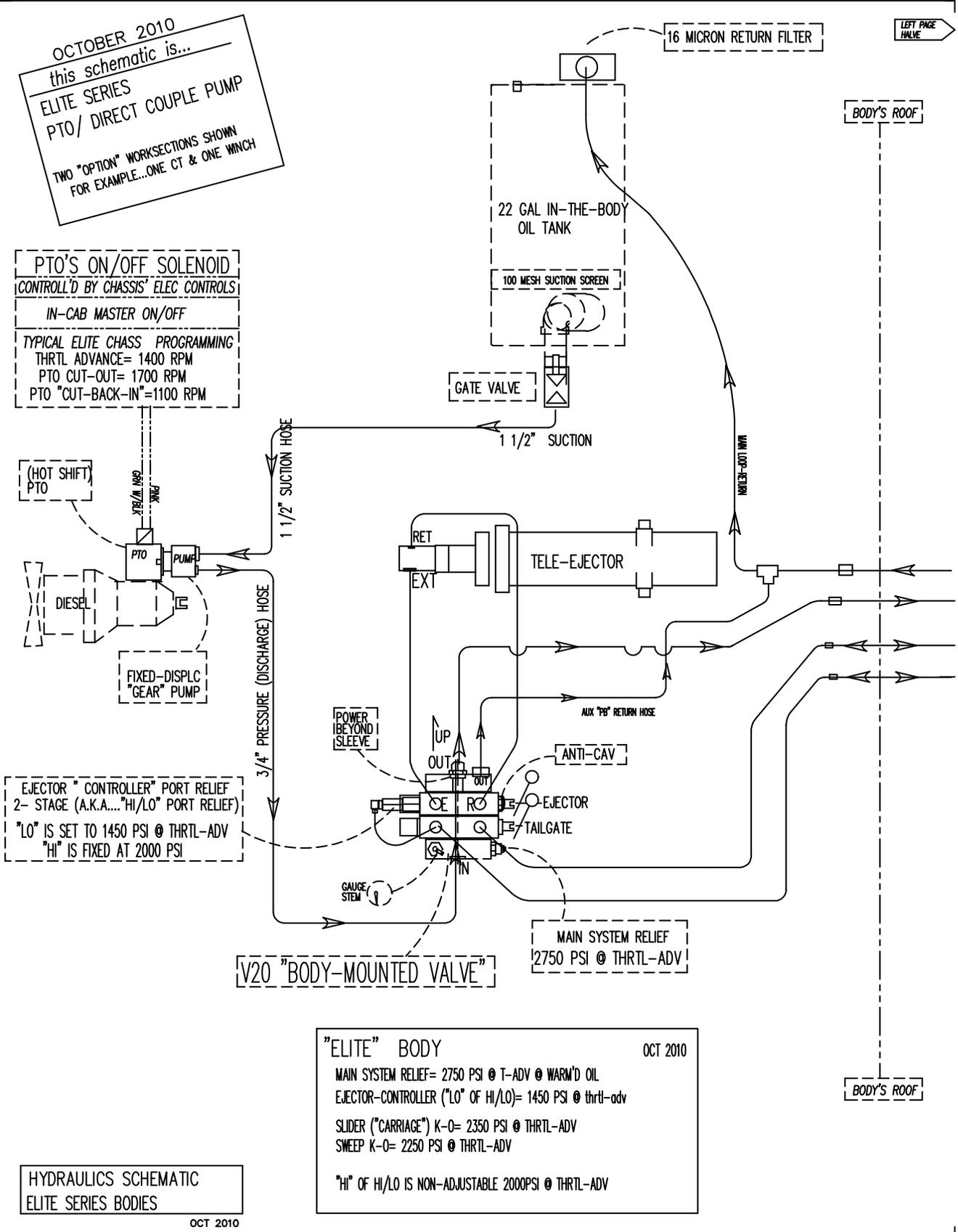
DANGER: NEVER ENTER THE BODY WITHOUT FIRST DOING A "SHUTDOWN" & LOCKOUT/TAGOUT PROCEDURE. Read your Operator/s / Maintenance manuals



This 4" diameter glycerin gauge is much more "trustworthy". This p/n is "panel mount" style...but is also available without the panel "flange". **4"** glycerin gauge (about 180\$) is recom'd for a DEALER. It is durable. In fact, "NOSHOK" gives a 3-year warranty (demonstrating their confidence in it's durability/ reliability...just don't "smash it around"). It is much easier to read "accurately". It is 0-5000 full range. So you are much less likely to SPIKE it and damage the "bourdon tube" inside (l/m's products tend to be around 3000 + psi "settings").

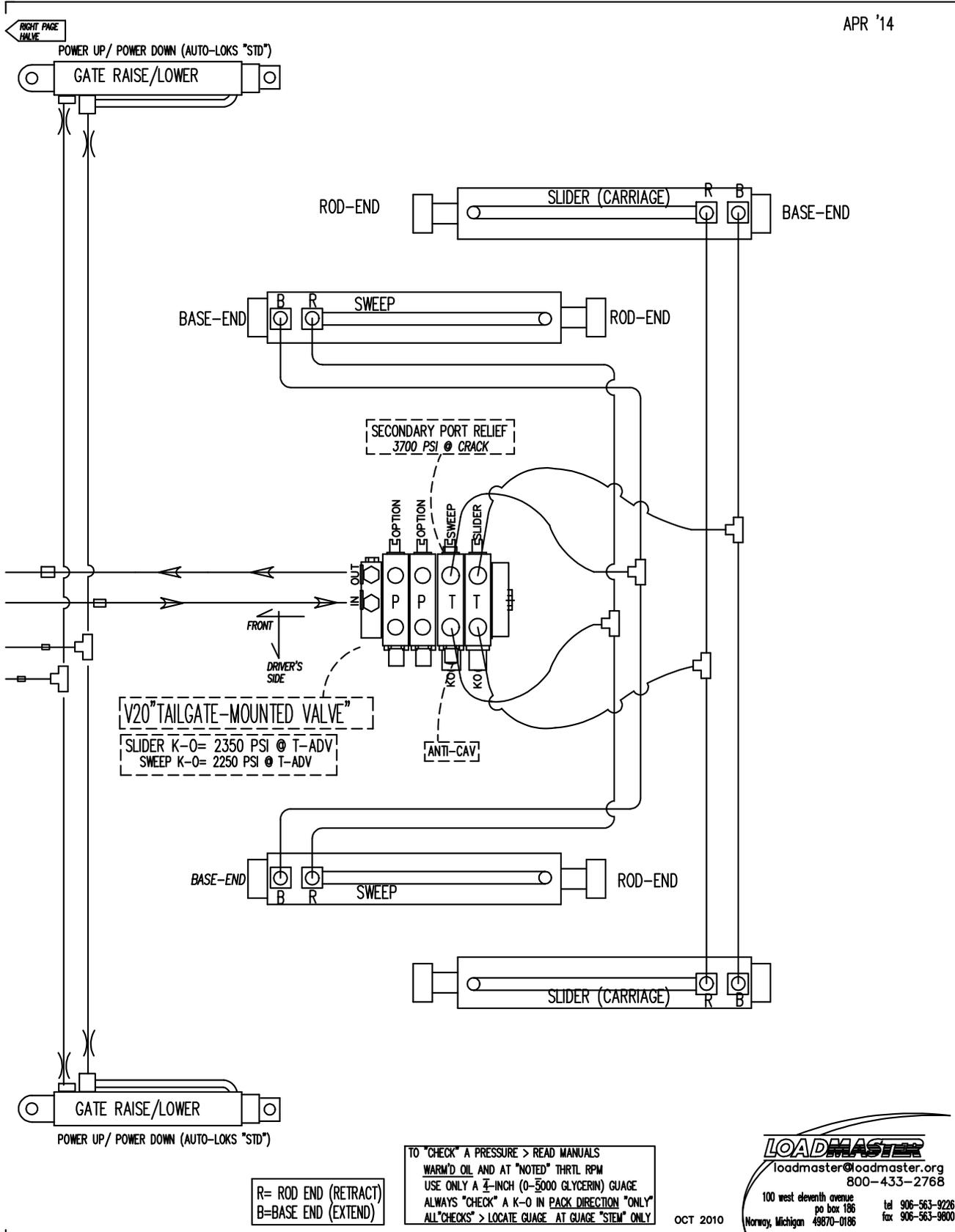


OverAll HYDRAULIC SCHEMATIC (TYPICAL PTO)...ELITE (LEFT HALVE)



OverAll HYDRAULIC SCHEMATIC (TYPICAL PTO)...ELITE (RIGHT HALVE)

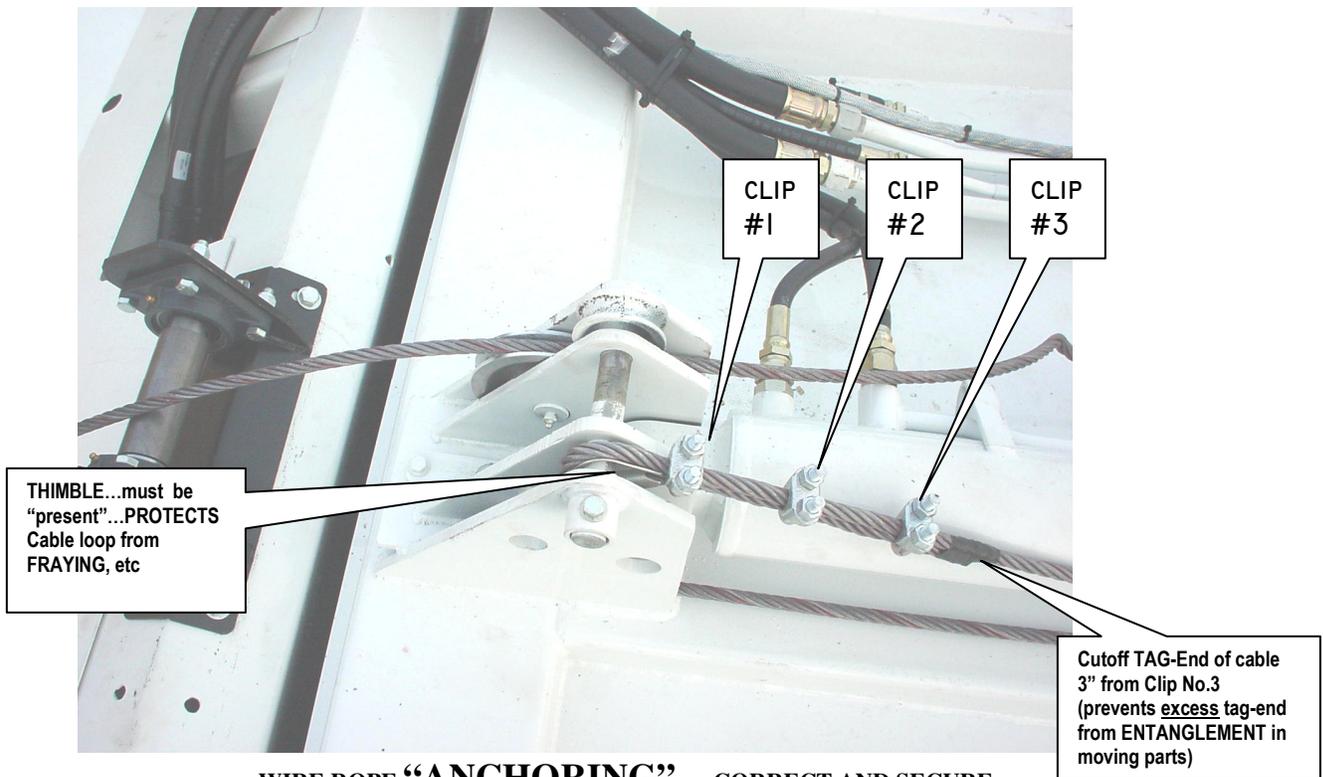
APR '14



CORRECT CABLE ANCHORING!!! Follow this "in detail" ...the wire rope "industry's" methods!
Image below shows "2-10 reever" option...but this applies to all cable anchoring.

As always...follow **all** of the *safe operating practices* for dumping containers as outlined in the "Operation and Maintenance Manual". The highlights of which are:

- ❑ **Never** walk beneath any raised container (or allow "others" to walk beneath).
- ❑ Always securely latch **BOTH** *trunnion-bar capturing* latch arms (the left **and** the right; **BOTH!!!**) before raising any container.
- ❑ Use *only* containers that are *compatible* with the Loadmaster container-coupler (aka...trunnion latches). This means dumping only containers that comply with WASTEC dimensional recommendations (the "rear-loader container" manufacturing industry's *dimensions*).
- ❑ Weekly "inspection" (and repair if needed) of cable, hook, the hook's spring-loaded capture, thimble and cable anchoring . And...Weekly inspection of the "2-10 reever" *mechanisms and hydraulics*...in general.
- ❑ **Never** use any Container Handling option (such as "2-10"/ Roll bar/ winch/ "1-2" ETC) to "carry/ transport" a container



WIRE ROPE "ANCHORING"...CORRECT AND SECURE

- 1- CLIP #1 "CROWDS" THE THIMBLE CLOSELY
- 2- CLIP #2 IS 3" TO 4" FROM CLIP #1
- 3- CLIP #3 IS ANOTHER 3" TO 4" FROM CLIP #2
- 4- EVERY CLIPS "BASE" (AKA..."SADDLE") IS LOCATED AT THE LONG (LIVE) CABLE
- 5- THE Cable's "TAG-END" IS "CUTOFF" 3" TO 4" FROM CLIP #3
- 6- THE CLIP'S NUTS (6) ARE EVENLY TORQUED TO 25 FT-LBS

All "3" clips MUST be present and "setup" per 1 thru 6 above!!!!

This "IS" the wire-rope Industry's Methods...and this Method is Correct & Secure (any Deviation from this exact method is NOT correct and NOT secure anchoring)

	EXCEL	LEGACY3	ELITE	MOD400
"2-10" ROOF REEVER OPT				
PORT RELIEFS	NONE	NONE	1800 CRACK	NONE
ORIFICES	NONE	NONE	NONE	NONE
CLEARSTEP ROLLBAR OPT				
UP PORT RELIEF	1800CRACK V40=9932061 VG35=9932081	1800CRACK V20=9932092	1800CRACK V20=9932092	NONE NEEDED
DOWN PORT RELIEF	700CRACK V40=9932073 VG35=9932090	700CRACK V20=9932091	700CRACK V20=9932091	NONE NEEDED
UP/DOWN ORIFICES (2)	7/64 DIA V40=0120628 VG35=0120628	7/64 DIA V20=0120629	7/64 DIA V20=0120629	7/64 DIA V40=0120628 VG35=0120628
"1-2" SLING LIFT OPT				
UP PORT RELIEF	1800CRACK V40=9932061 VG35=9932081	1800CRACK V20=9932092	OPTION IS N/A ON ELITE MODEL	NONE NEEDED
DOWN PORT RELIEF	NONE	NONE	NONE	NONE
UP/DOWN ORIFICES (2)	7/64 DIA V40=0120628 VG35=0120628	7/64 DIA V20=0120629	OPTION IS N/A	7/64 DIA V40=0120628 VG35=0120628
WINCH OPT				
UP PORT RELIEF	1800CRACK V40=9932061 VG35=9932081	1800CRACK V20=9932092	1800CRACK V20=9932092	NONE NEEDED
DOWN PORT RELIEF	NONE	NONE	NONE	NONE
ORIFICES	NONE	NONE	NONE	NONE
PER CART TIPPER (1X OR 2X) INSTALL OR PER " CT INSTALLED VALVE SECTION" OPTION(S)				
UP PORT RELIEF	1800CRACK V40=9932061 VG35=9932081	1800CRACK V20=9932092	1800CRACK V20=9932092	NONE NEEDED
DOWN PORT RELIEF	700CRACK V40=9932073 VG35=9932090	700CRACK V20=9932091	700CRACK V20=9932091	NONE
UP/DOWN ORIFICES (2)	IN-LINE ADJSTBL 9932076 (2 PER KD)	IN-LINE ADJU.. 9932076 (2 PER KD)	IN-LINE ADJU.. 9932076 (2 PER KD)	IN-LINE ADJU.. 9932076 (2 PER)