M-211-26

Starting with Serial Number K7793

2WD & 4WD Hydrostatic Drive w/ Variable Width Spread Hopper & Touch Screen Controls

ChipSpreader



Repair Parts

E. D. Etnyre & CO 1333 S. Daysville Road, Oregon, Illinois 61061

Phone: 815-732-2116 Fax: 800-521-1107 www.etnyre.com

PARTS/SERVICE: 888-586-1899 CustomerService@etnyre.com

M-211-26

Variable Width Hopper w/ Touchscreen

CHIPSPREADER PARTS MANUAL

HOW TO ORDER PARTS

To assure prompt delivery when ordering parts, please furnish the following information: 1) Complete name and address of consignee. 2) Method of shipment preferred. 3) Serial numbers of units to which parts apply. 4) Complete part numbers and descriptions. 5) Any special instructions.

Specify unit serial number when ordering parts!

PARTS WARRANTY

E. D. Etnyre & Co. warrants to the original Purchaser, its replacement parts to be free from defects in material and workmanship for a period of twelve (12) months after date of delivery to original Purchaser.

The following are exceptions to this policy:

(1) All new electronic components are warranted for a period of 60 days. This is subject to vendor approval.
(2) Remanufactured electronic components are warranted for a period of 30 days.
(3) Remanufactured hydraulic components are warranted for a period of 60 days.
(4) All non-Etnyre manufactured components are subject to the original warranty of the manufacturer.
(5) New hydraulic components are warranted for the period of time set forth by the vendor of the individual item.

The obligation of the Company is limited to repairing or replacing any defective part returned to the Company and will not be responsible for consequential damages or any further loss by reason of such defect. Furthermore, the Etnyre Co. will not be responsible for any labor charges, freight charges, or transportation costs incurred by the purchaser if said part were to fail.

This warranty does not apply to:
(1) Normal start-up services, normal maintenance services or adjustments usually performed by the selling dealer, factory service representative or customer personnel.
(2) Any product manufactured by E. D. Etnyre & Co. purchased or subjected to rental use.
(3) Any product or part thereof which shows improper operation, improper maintenance, abuse, neglect, damage or modification after shipment from factory.
(4) Any product or part thereof damaged or lost in shipment. Inspection for damage should be made before acceptance or signing any delivery documents releasing responsibility of the delivering carrier.

This warranty and foregoing obligations are in lieu of all other obligations and liabilities including negligence and all warranties of merchantability or otherwise, express or implied in fact or by law.

The company excludes all implied warranties of merchantability and fitness for a particular purpose. There are no warranties, express or implied, which extend beyond the description of the goods contained in this contract.

E. D. ETNYRE & CO., Oregon, Illinois 61061-9778

1333 South Daysville Road Phone: 888-586-1899 Fax: 800-521-1107

www.etnyre.com CustomerService@etnyre.com

Reporting Safety Defects

If you believe that your vehicle has a defect which could cause a crash, injury, or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying E.D. Etnyre & Co.

If NHTSA receives similar complaints, it may open an investigation. If it finds a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or E.D. Etnyre & Co.

To contact NHTSA, you may call the Auto Safety Hotline toll-free at 1-800-424-9393 (or 366-0123 in the Washington, D.C. area). Or, you may write to: U.S. Department of Transportation, Washington, D.C. 20696. You may also obtain other information about motor vehicle safety from the Auto Safety Hotline.

E.D. Etnyre & Co., Oregon, Illinois 61061, Phone Area Code 815-732-2116, Cable Address "EDECO".

CALIFORNIA

⚠ WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to: www.P65Warnings.ca.gov

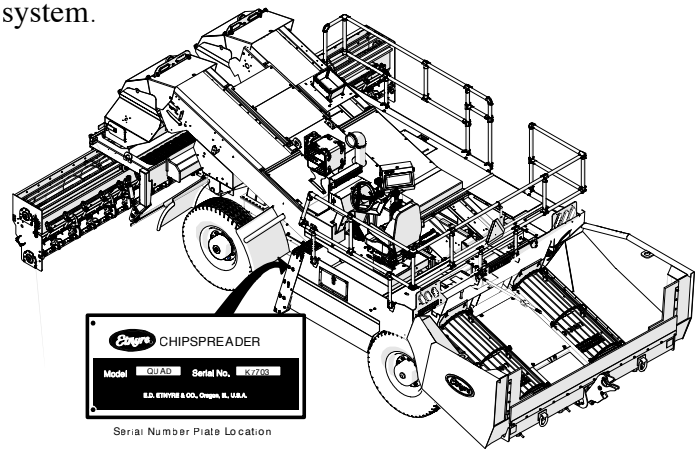
6322159

Please note this warning and remember -

Always start and operate the engine in a well-ventilated area;

If in an enclosed area, vent the exhaust to the outside;

Do not modify or tamper with the exhaust system.



Serial Number Plate Location

⚠ WARNING

Fluoroelastomer handling

Some "O" rings and seals used in this vehicle are made from fluoroelastomers. When used under design conditions, fluoroelastomers do not require special handling. However, when fluoroelastomers are heated to temperatures beyond their design temperature (around 600 degrees Fahrenheit), decomposition may occur with the formation of hydrofluoric acid. Hydrofluoric acid can be extremely corrosive to human tissue if not handled properly.

A degraded seal may appear as a charred or black sticky mass. Do not touch either the seal or the surrounding equipment without wearing neoprene or PVC gloves if degradation is suspected. Wash parts and equipment with 10% lime water (calcium hydroxide solution) to neutralize any hydrofluoric acid.

If contact with the skin occurs, wash the affected areas immediately with water. Then rub a 2.5 calcium gluconate gel into the skin until there is no further irritation, while seeking prompt medical attention.

Note to physicians: For advice or treatment of HF Burns, call the DuPont Medical Emergency Number 1-800-441-3637.

This manual covers standard features and options. If your unit incorporates custom features, some of the information contained in this manual may not apply. If you have any questions regarding this manual or your unit, contact your dealer or the E. D. Etnyre Service Department at 1-800-995-21 16.

⚠ CAUTION

Before breaking the seal on all hydraulic fittings, fill caps, etc. be sure to clean around the connection. Failure to do so may cause contaminants to enter the hydraulic system causing damage to pumps, motors, etc.

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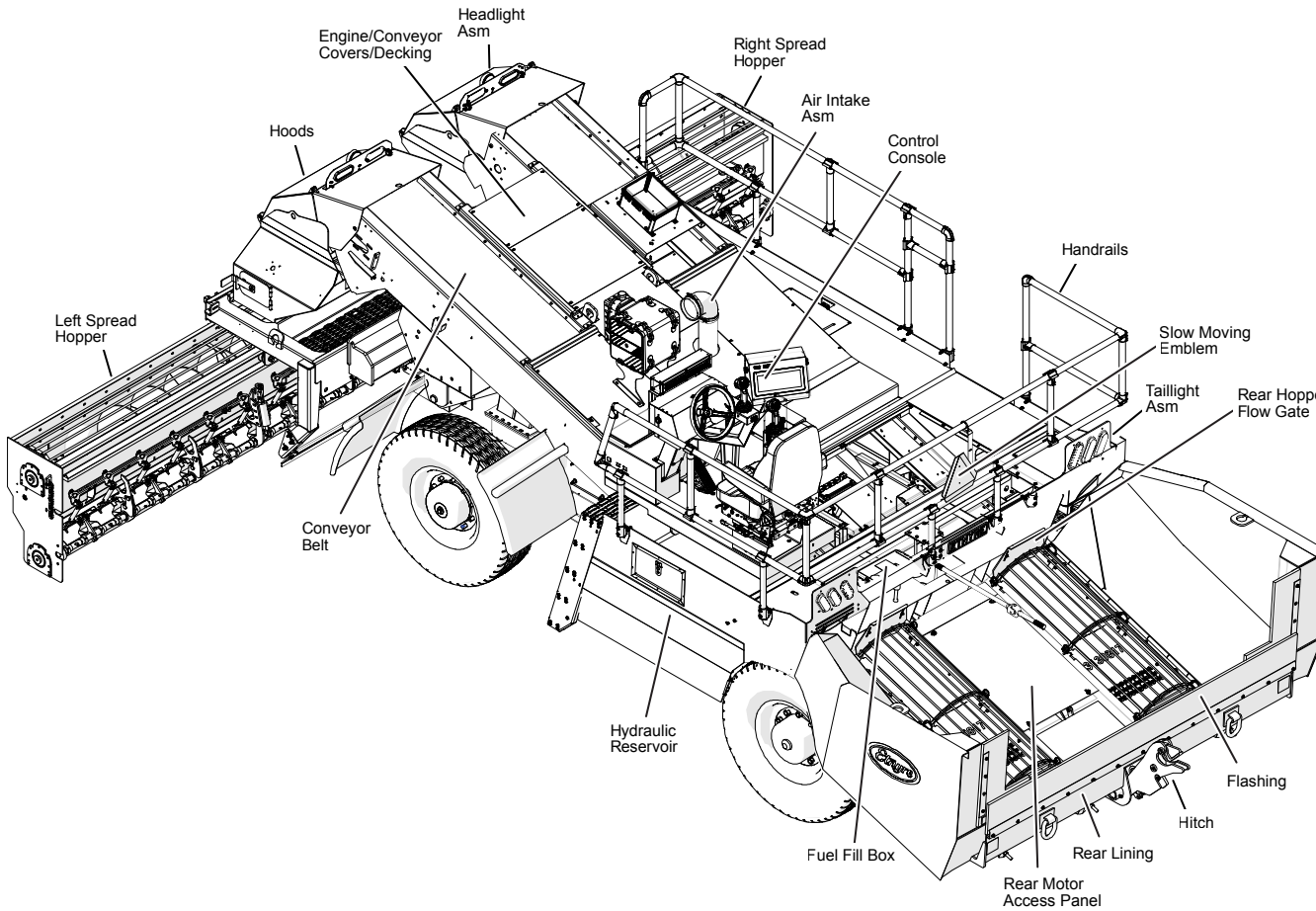
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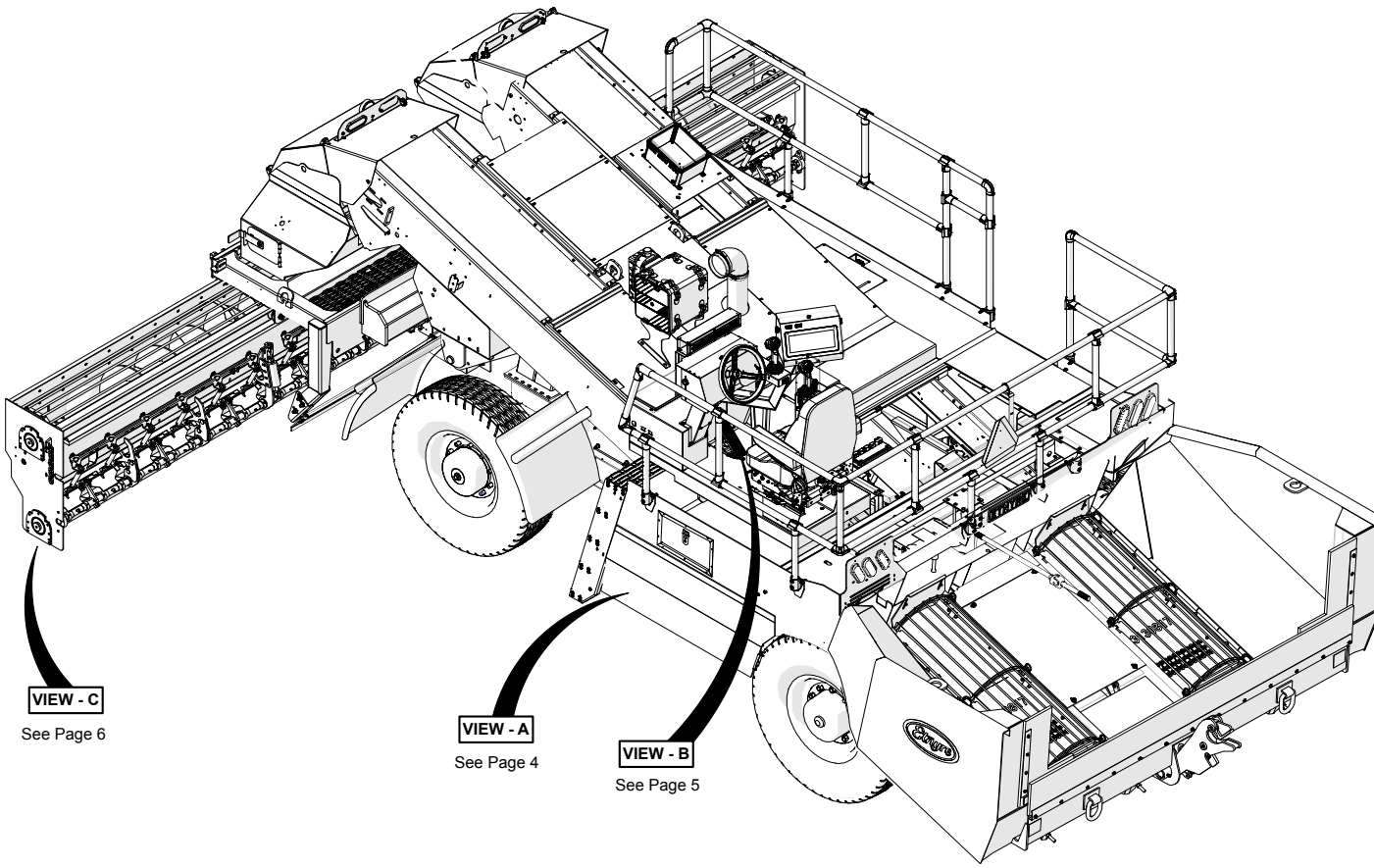
Choosing an Electrical Schematic will end the manual. You will have to use your browser's back button.

General Identification

DECALS & ID

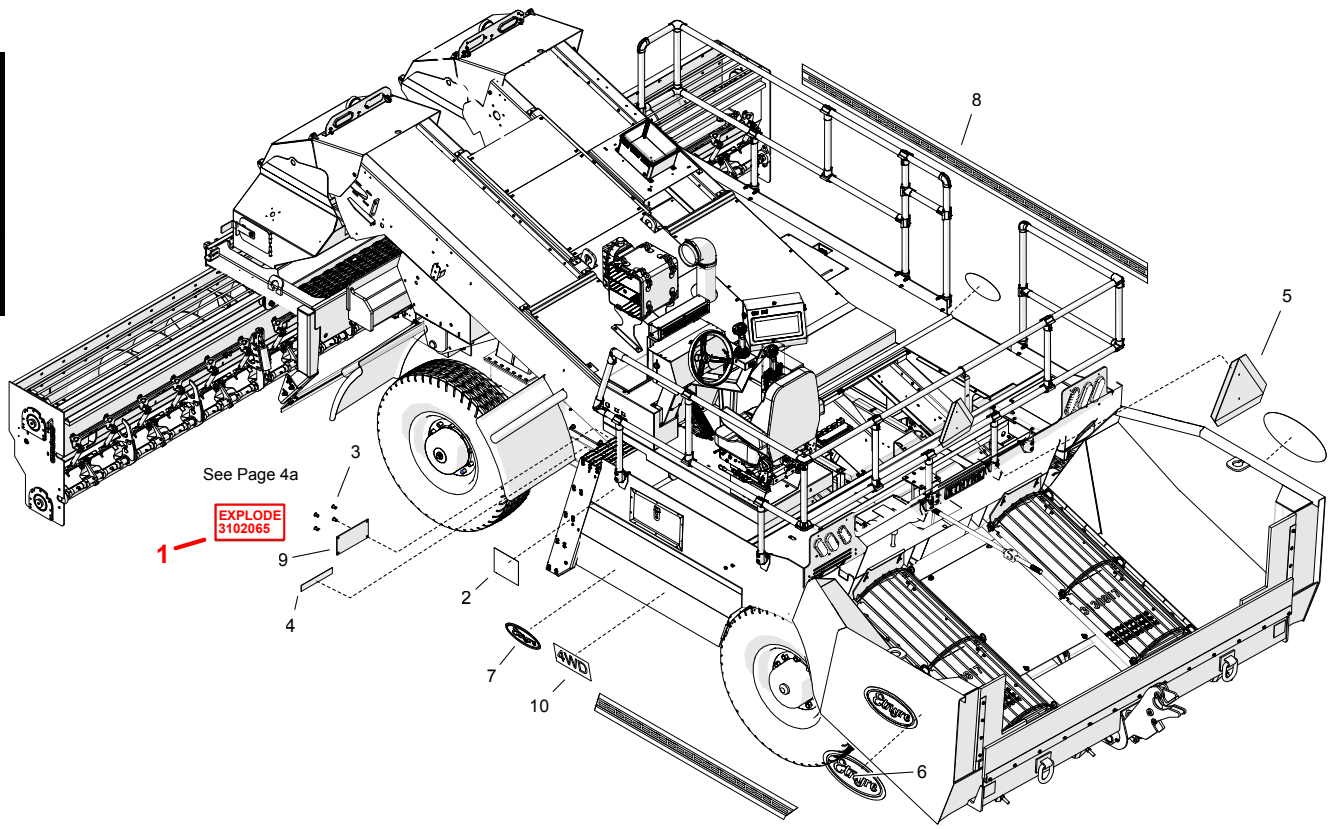


Caution & Instruction Plates



Caution & Instruction Plates

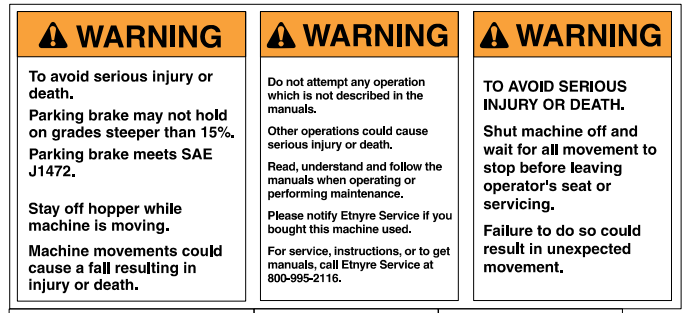
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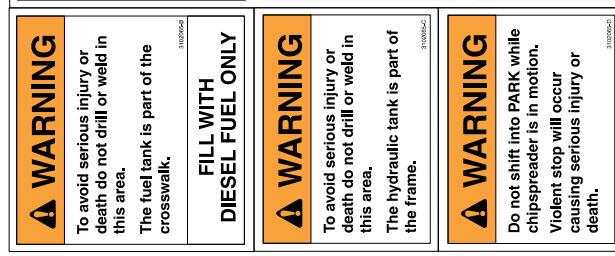


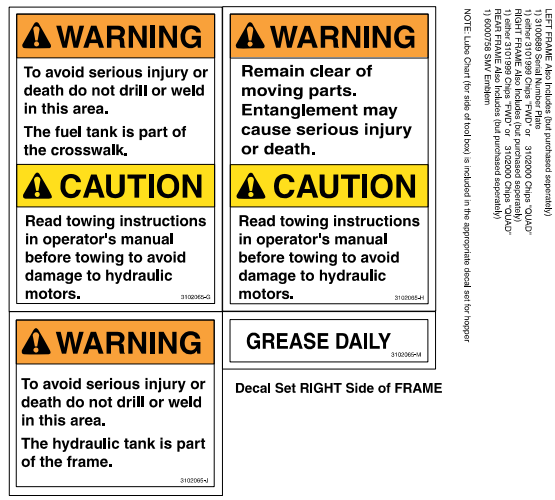
REF	PART NO.	QTY	DESCRIPTION
1	3102065	1	DECAL SET-CHIPSPREADER BODY
2	3103664	1	DECAL:CAUTION, WELDING ON UNIT
3	6100232	4	RIVET-POP,ALUM 1/8X3/16 LB.
4	3390605	1	PLATE-INSTR.HYDRAULIC OIL SPEC
5	6000758	1	EMBLEM,VEHICLE, SLOW MOVING
6	6322154	2	DECAL-ETNYRE OVAL, 18",B/Y
7	6322155	2	DECAL-ETNYRE OVAL, 10",B/Y
8	6440219	2	ETNYRE 5" W.HI INTESITY CONSPICUITY TAPE
9	3100689	1	NAME PLATE-CHIPSPREADER,BRASS
10	3104309	1	DECAL-CHIPSPREADER, 4WD

Caution & Instruction Plates

3102065







Decal Set RIGHT Side of FRAME

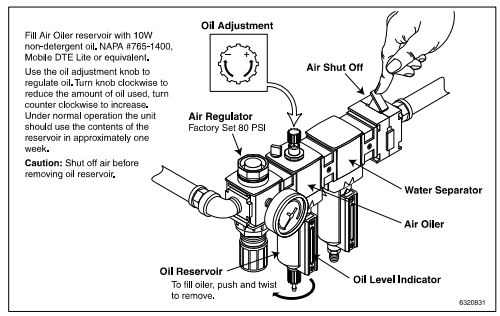
LEFT FRAME Also Includes (but purchased seperately)
1) 3100689 Serial Number Plate
1) either 3101998 Chips "FWD" or 3102000 Chips "QUAD"
RIGHT FRAME Also Includes (but purchased seperately)
1) either 3101998 Chips "FWD" or 3102000 Chips "QUAD"
REAR FRAME Also Includes (but purchased seperately)
1) 600758 SMV Emblem

NOTE: Lube Chart (for side of tool box) is included in the appropriate decal set for hopper



Decal Set FRONT

Decal Set REAR



3102065

3102065_C

TOP, FRONT, REAR, LT SIDE, RT SIDE (24" X 29")

Blue PMS 300 (100%)
Yellow PMS 109 (100%)
Orange PMS 151 (100%)
Black Copy PMS 419 (100%)
White Background

Caution & Instruction Plates

3102065

⚠ WARNING

TO AVOID SERIOUS INJURY OR DEATH

- Make certain everyone is clear of machine before starting engine or operation
- Always use steps, platforms and handrails provided.
- Remain clear of moving or rotating parts.
- Always have shields, covers and guards in place when operating.
- Keep loose clothing away from conveyor area when operating conveyor.

3102065-A

THIS ENGINE HAS BEEN **EQUIPPED** WITH **ETHYLENE-GLYCOL ANTI-FREEZE** PROTECTED TO A MINIMUM **-34°F**

3102065-E

CALIFORNIA Proposition 65 Warning

Diesel engine exhaust and some of its constituents are know to the State of California to cause cancer, birth defects, and other reproductive harm.

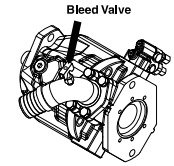
3102065-F

Decal Set TOP

⚠ IMPORTANT

After loss of hydraulic oil or removal of suction/inlet line to equipment pump, bleed all air from suction/inlet lines to hydraulic equipment pumps. Open bleed valve on hydraulic fitting at inlet of each pump to purge air.

Once suction/inlet lines have been purged of air, start engine at idle and turn on both conveyors and augers (V/H). If conveyors or augers do not start within 10 seconds, turn off engine and consult Etnyre service (800)995-2116. Run at idle for 10 minutes. Do not run engine at high idle until above procedure is complete.

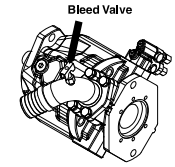


3102346

⚠ IMPORTANT

After loss of hydraulic oil or removal of suction/inlet line to equipment pump, bleed all air from suction/inlet lines to hydraulic equipment pumps. Open bleed valve on hydraulic fitting at inlet of each pump to purge air.

Once suction/inlet lines have been purged of air, start engine at idle and turn on both conveyors and augers (V/H). If conveyors or augers do not start within 10 seconds, turn off engine and consult Etnyre service (800)995-2116. Run at idle for 10 minutes. Do not run engine at high idle until above procedure is complete.



3102346

⚠ WARNING

To avoid serious injury or death do not drill or weld in this area.

The fuel tank is part of the crosswalk.

⚠ CAUTION

Read towing instructions in operator's manual before towing to avoid damage to hydraulic motors.

3102065-G

⚠ WARNING

Remain clear of moving parts. Entanglement may cause serious injury or death.

⚠ CAUTION

Read towing instructions in operator's manual before towing to avoid damage to hydraulic motors.

3102065-H

⚠ WARNING

To avoid serious injury or death do not drill or weld in this area.

The hydraulic tank is part of the frame.

3102065-J

⚠ CAUTION

Do not start engine when this valve is closed. Damage to pumps will occur.

3102065-N

GREASE DAILY

3102065-M

Decal Set LEFT Side of FRAME

⚠ WARNING

NO PASSENGERS.

Operators only on machine when operating.

Driver only when traveling.

Sudden machine movement can cause falls, serious injury or death.

⚠ WARNING

Do not sit on handrails.

Sudden machine movement can cause falls, serious injury or death.

3102205

⚠ WARNING

NO PASSENGERS.

Operators only on machine when operating.

Driver only when traveling.

Sudden machine movement can cause falls, serious injury or death.

⚠ WARNING

Do not sit on handrails.

Sudden machine movement can cause falls, serious injury or death.

3102205

⚠ WARNING

Pinch Point.



Keep hands and feet clear. Serious injury can result.

3102176

⚠ WARNING

Pinch Point.



Keep hands and feet clear. Serious injury can result.

3102176

⚠ WARNING

Pinch Point.



Keep hands and feet clear. Serious injury can result.

3102176

⚠ WARNING

Pinch Point.



Keep hands and feet clear. Serious injury can result.

3102176

⚠ CAUTION

12-volt system.

Applying 24 volts will cause damge to the electrical system.

3102255

⚠ WARNING

Improper installation of after-market electrical equipment including radios may cause loss of machine control, which could result in serious injury or death.

Installation of any radio or electrical equipment must be done by qualified personnel.

After any modifications or additions to the electrical system all machine functions must be tested to assure proper machine control.

6320737

⚠ WARNING

Stay off hopper while machine is moving.

Machine movements could cause a fall resulting in injury or death.

3101717

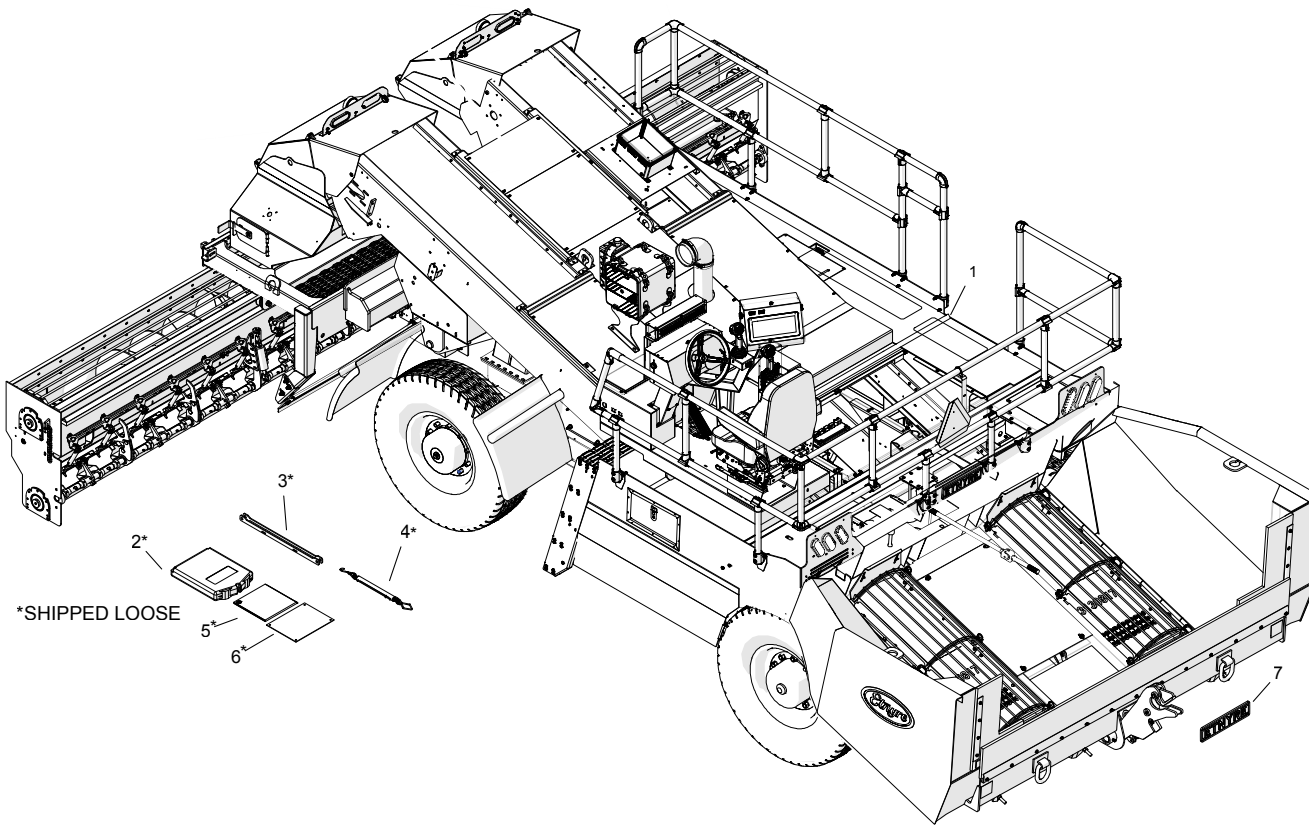
⚠ WARNING

Do not turn off ignition switch or reset computer while chipspreader is in motion. Violent stop will occur causing serious injury or death.

3102268

Caution & Instruction Plates

VIEW B

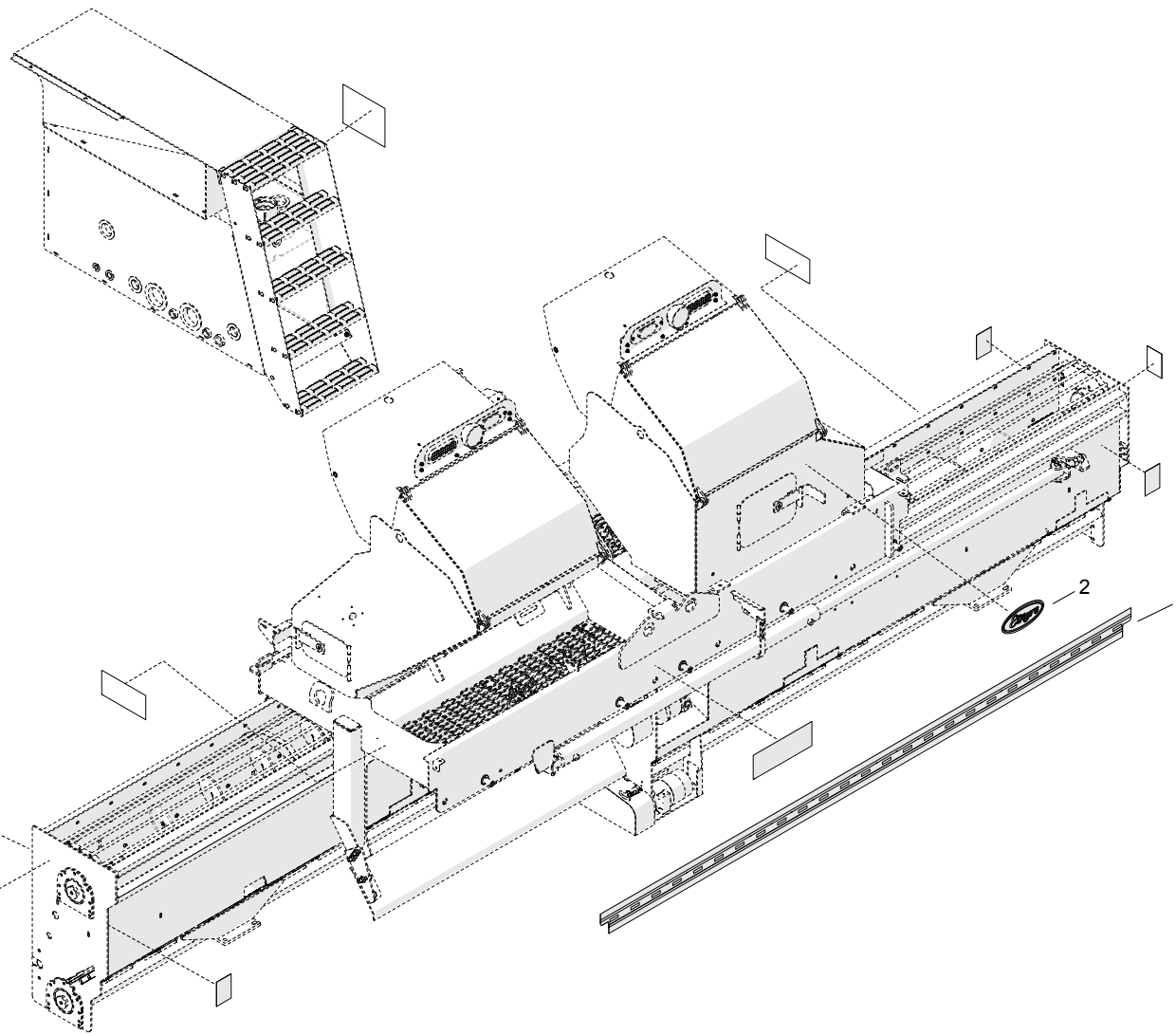


REF	PART NO.	QTY	DESCRIPTION
1	3102149	AR	ROUGH TREAD ASM
2	5010166	1	MANUAL HOLDER W/ DECAL
3	3131001	1	LINKAGE BAR-HITCH, SHORT
4	6001194	1	SCALE-50LB/25KG SPRING,BRASS
5	6001287	1	CANVAS-1 SQ YD W/3/4" GROMMET
6	3102365	1	DECAL:DRIVE INSTRUCTION FOR EXPORT UNITS
7	3390149	1	PLATE-NAME, STRAIGHT, ETNYRE

AR = As Required

Caution & Instruction Plates

VIEW C



EXPLODE 3102067

See Page 6a

REF	PART NO.	QTY	DESCRIPTION
1	3102067	1	DECAL SET, CHIPS, VAR. HOPPER
2	6322155	1	DECAL-ETNYRE OVAL, 18",B/Y
3	6440219	1	ETNYRE ROAD TAPE

Caution & Instruction Plates

3102067

WARNING

Remain clear of moving parts. Entanglement may cause serious injury or death.

Stay off hopper while machine is moving.

Machine movements could cause a fall resulting in injury or death.

CAUTION

Always have shields in place when operating

Make certain everyone is clear of machine before starting engine or operation.

Read towing instructions in operator's manual before towing to avoid damage to hydraulic motors.

WARNING



To avoid serious injury or death stay clear.

- This auger may start automatically at any time. Before working in this area shut down engine.
- Do not attempt to clear any jam with engine running.

3102067-B

Hopper RIGHT SIDE Variable

WARNING

Remain clear of moving parts. Entanglement may cause serious injury or death.

Stay off hopper while machine is moving.

Machine movements could cause a fall resulting in injury or death.

WARNING

Do not attempt any operation which is not described in the manuals.

Other operations could cause serious injury or death.

Read, understand and follow the manuals when operating or performing maintenance.

Please notify Etnyre Service if you bought this machine used.

For service, instructions, or to get manuals, call Etnyre Service at 800-995-2116.

CAUTION

Always have shields in place when operating

Make certain everyone is clear of machine before starting engine or operation.

Read towing instructions in operator's manual before towing to avoid damage to hydraulic motors.

WARNING



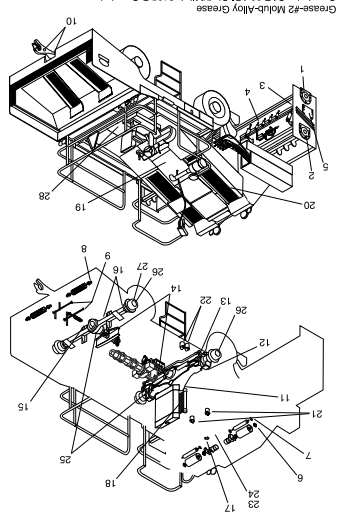
To avoid serious injury or death stay clear.

- This auger may start automatically at any time. Before working in this area shut down engine.
- Do not attempt to clear any jam with engine running.

3102067-A

FRONT

LUBRICATION



Grease-#2 Moly-Alloy Grease
Gear Lube-SAE 90 API GL-5/MIL-L-2105 B Gear Lube
Hydraulic Oil-ISO VG 46 Hydraulic Oil
Lube Oil-#10 Non-Detergent Oil

3102067-D

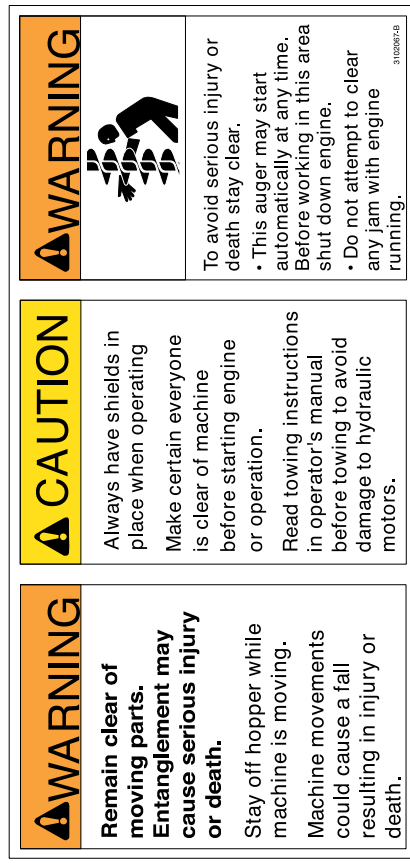
Interval	Point	Identification	No. of Points	Lubricant	Quantity
Weekly	1	Bearing-Spreadroll (Both Ends)	4	Grease	Spraingly
	2	Bearing-Auger (Both Ends)	4	Grease	Spraingly
	3	Bearing-Hopper Gate			
	4	Bearing-Individual Gates (Both Ends)	4	Grease	Spraingly
	5	Bearing-Agitator (Optional) (Optional)	A/R	Grease	Spraingly
	6	Flange Bearing-Conveyors	4	Grease	Spraingly
	7	Flange Bearing-Return Idler	4	Grease	Spraingly
	8	Bearing-Tail Pulley	4	Grease	Spraingly
	9	Bearing-Hitch Levers	4	Grease	Spraingly
	10	Bearing-Truck Hitch	4	Grease	Spraingly
	11	Shaft-Front Axle Pivot	2	Grease	Spraingly
	12	Tie Rod-Front Axle	6	Grease	Spraingly
	13	Spindle-Front Axle	4	Grease	Spraingly
	14	Universal Joints-Drive Line	2-2wd	Grease	Spraingly
	15	Bearing-Slack Adjuster 4-4wd Grease Sparingly (2wd only)	2	Grease	Spraingly
	16	Bearing-Camshaft (2wd only)	4	Grease	Spraingly
	17	Hydraulic Reservoir	-	Hydraulic Oil	Add When Low
	18	Hydraulic Oil Cooler	-	-	Clean A/R
	19	Engine Oil	1	Engine Original	Engine Manual
When Indicator Turns Red	20	Filter-Engine Air Intake	1	-	Filter Element
Yearly	21	Filter-Return*	2	-	Filter Element
	22	Filter-Suction*	2	-	Filter Element
	23	Magnet-Hydraulic Reservoir			
	24	Breather-Hydraulic Reservoir (In Tank) 1 - Clean A/R	1	-	Filter Element
	25	Differential Housing**	1-2wd 2-4wd	Gear Lube Gear Lube	Fill Fill
	26	Planetary Wheel End**	2-2wd 4-4wd	Gear Lube Gear Lube	Fill Fill
	27	Hub-Rear Axle (2wd only)**	2	Gear Lube	Fill
	28	Roller Chain-Power Seat (Optional)	2	Lube Oil	Spraingly

* On new machines change filter elements after first two weeks of operation. After initial change (two weeks) replace elements on an annual basis unless hydraulic system has been worked on and contamination introduced into the system. Change elements anytime it is possible that contamination has been introduced to the system.

** On new machines drain lubricant from axles after first 50 hours of operation and fill with SAE 90 API GL-5/MIL-L-2105 B gear lube. After initial change (50 hours) change lube on an annual basis.

Caution & Instruction Plates

3102067



Hopper LEFT SIDE Variable

3102067
HOPPER - VARIABLE

23" X 23"

100% Orange PMS151

Yellow PMS 109 (100%)

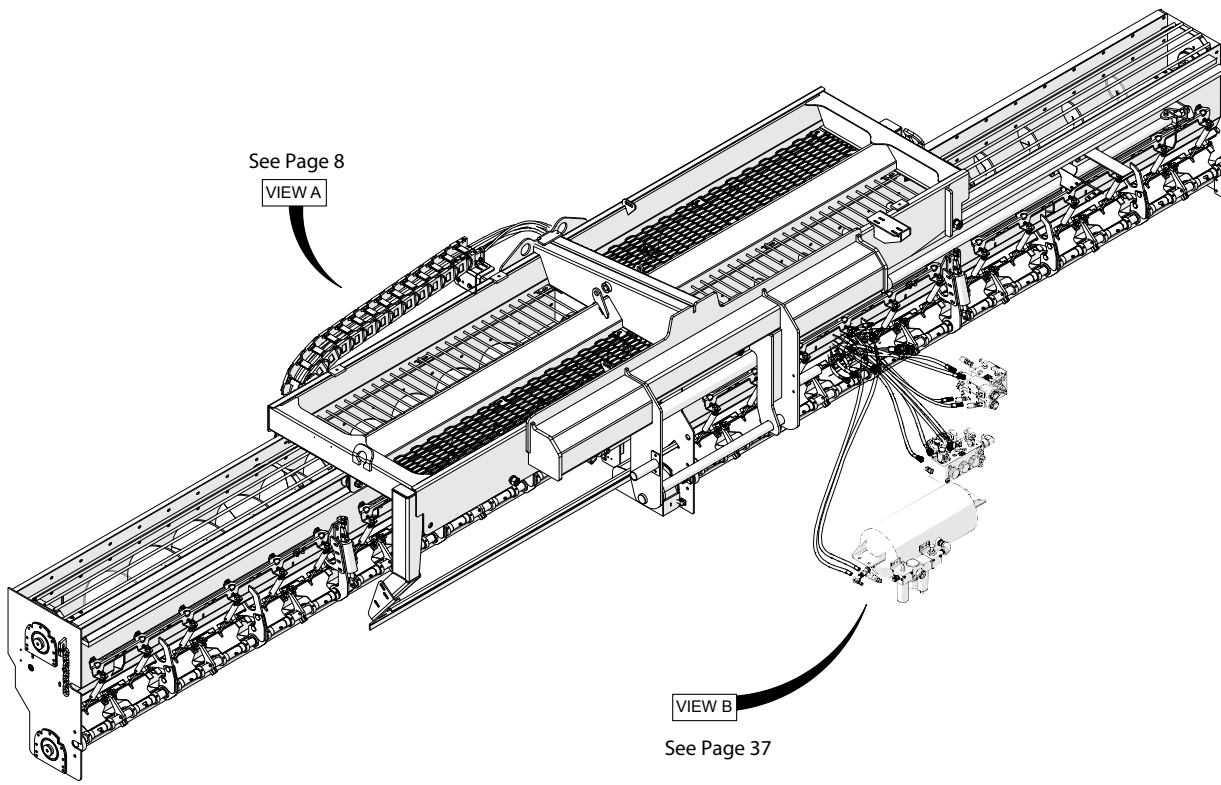
Black Copy PMS 419 (100%)

aaaWhite Background

Ends of Both Left And Right "Hopperets"

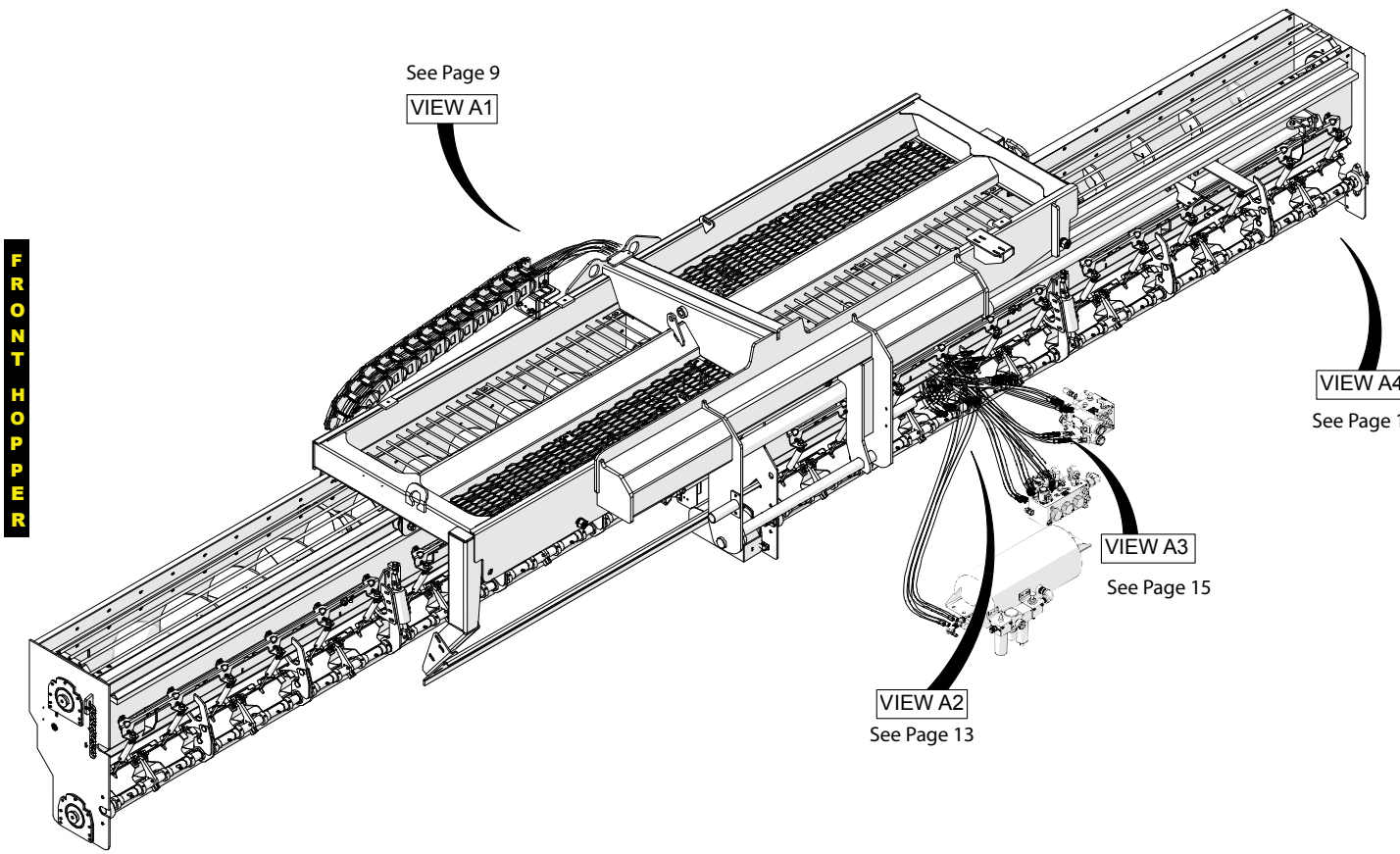


Hopper Assembly Install



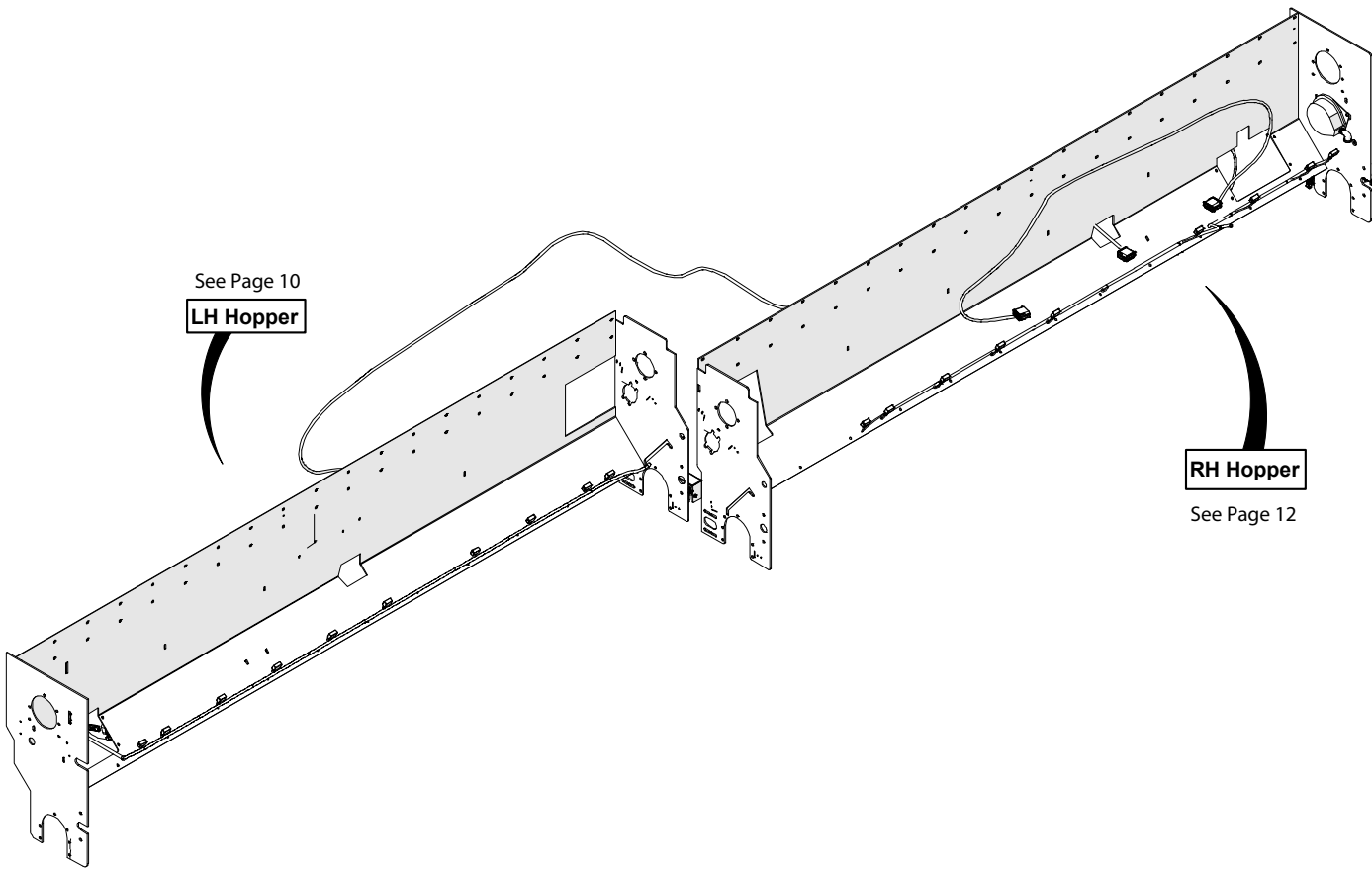
Hopper Assembly Install

VIEW A



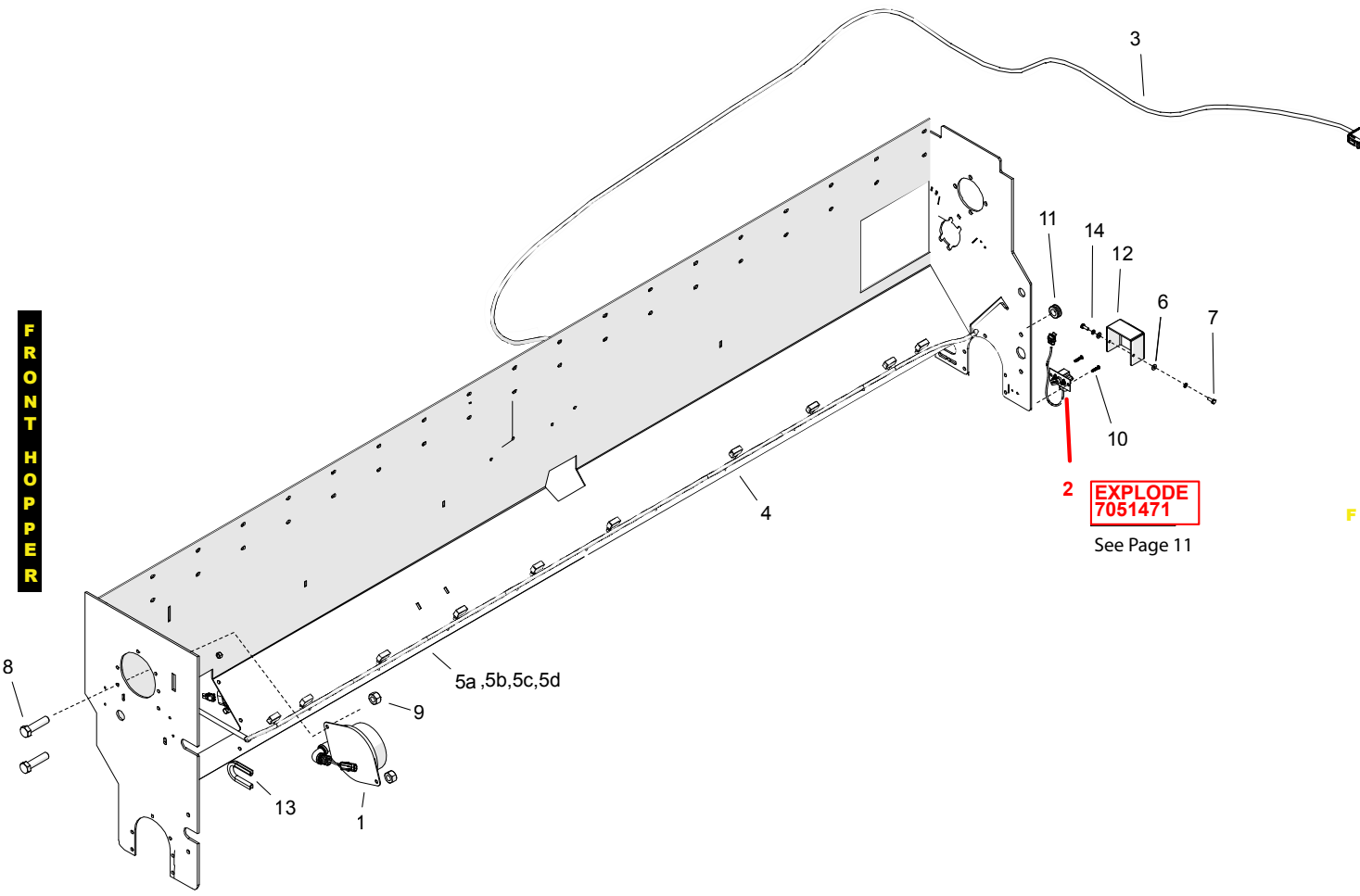
VIEW A1

From *VIEW A*



LH Hopper

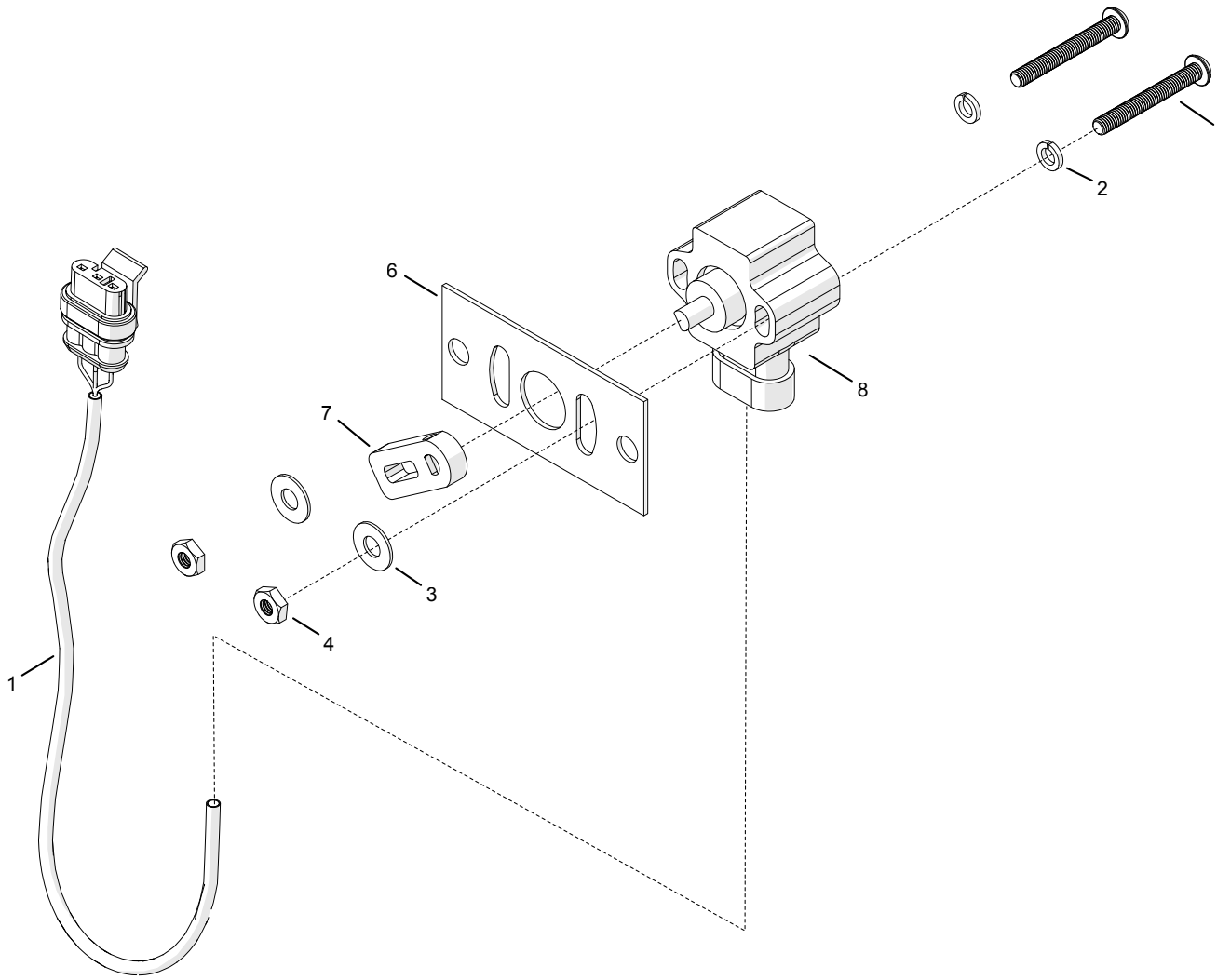
From *VIEW A1*



REF	PART NO.	QTY	DESCRIPTION
1	3160691	1	BIN SWITCH ASSY-AUTO AUGER
1	→7530041	1	DIAPHRAGM-SILICONE, SWITCH
2	7051471	1	SENSOR KIT-GATE POSITION
3	10002769	1	HARNESS-LH HOPPER, MODULE EXT
4	10007282	1	HARNESS HOPPER,MOD,I/O1,1-6 9',10',11',12'
5a	10007283	1	HARNESS HOPPER,I/O 2,7-9 9'
5b	10007284	1	HARNESS HOPPER,I/O 2,7-10 10'
5c	10007285	1	HARNESS HOPPER,I/O 2,7-11 11'
5d	10007286	1	HARNESS-HOPPER,I/O 2,7-12 12'
6	0120386	2	WASHER-FLAT,0.25A(0.31X0.73)PD
7	0180020	2	SCREW-HEX,0.25NCX0.75,GR5,PD
8	0180126	2	SCREW-HEX,0.38NCX1.50,GR5,PD
9	0274993	2	NUT-HEX,LOCK 0.375NC,PD
10	0436754	2	SCREW-MACH,PNSL,10NFX1.00,PD
11	Q476100	1	GROMMET-BLK RUBBER, 3/4 I.D.
12	3142397	1	GUARD-GATE POSITION SENSOR
13	6309370	1	RUBBER-LOK,3/16OPENX9/16DEEP
14	0120380	2	WASHER-LOCK,0.25,SPRING,PD

Sensor Kit - Gate Position

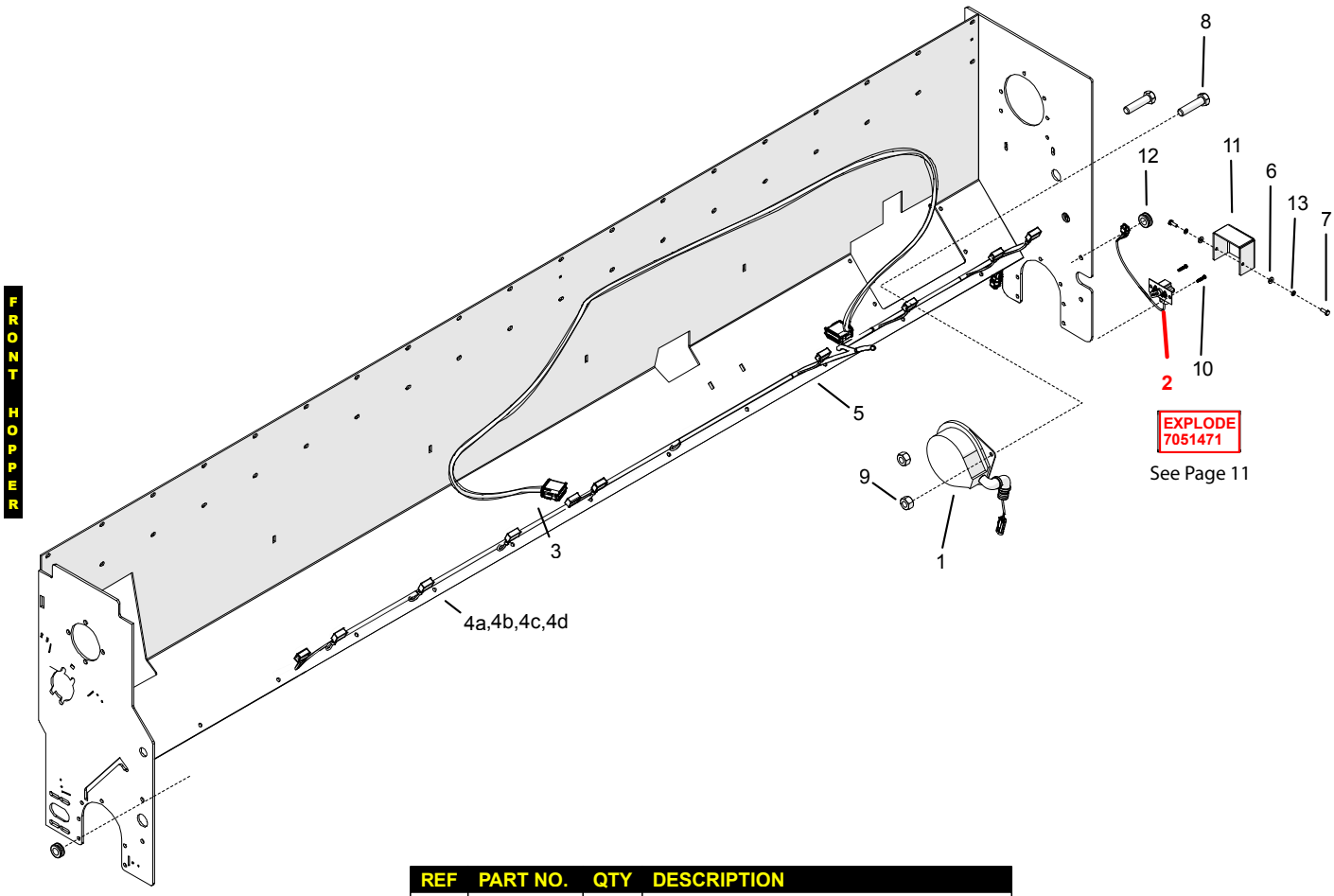
7051471 - VIEW A1



REF	PART NO.	QTY	DESCRIPTION
1	3161320	1	HARNESS-JUMPER,GATE POT QCC
2	0120217	2	WASHER-LOCK,NO 10,SPRING,PD
3	0120385	2	WASHER-FLAT,0.18A(0.25X0.56)PD
4	0120614	2	NUT-HEX,MACH,10NF,PD
5	0132930	2	SCREW-MACH,RDSL,10NFX1.50,PD
6	3145501	1	PLATE,SENSOR MOUNT,2019
7	3145702	1	ARM-GATE TRANSDUCER,LONG,21'
8	6705003	1	SENSOR-ROTATIONAL POS,5V,2019

RH Hopper

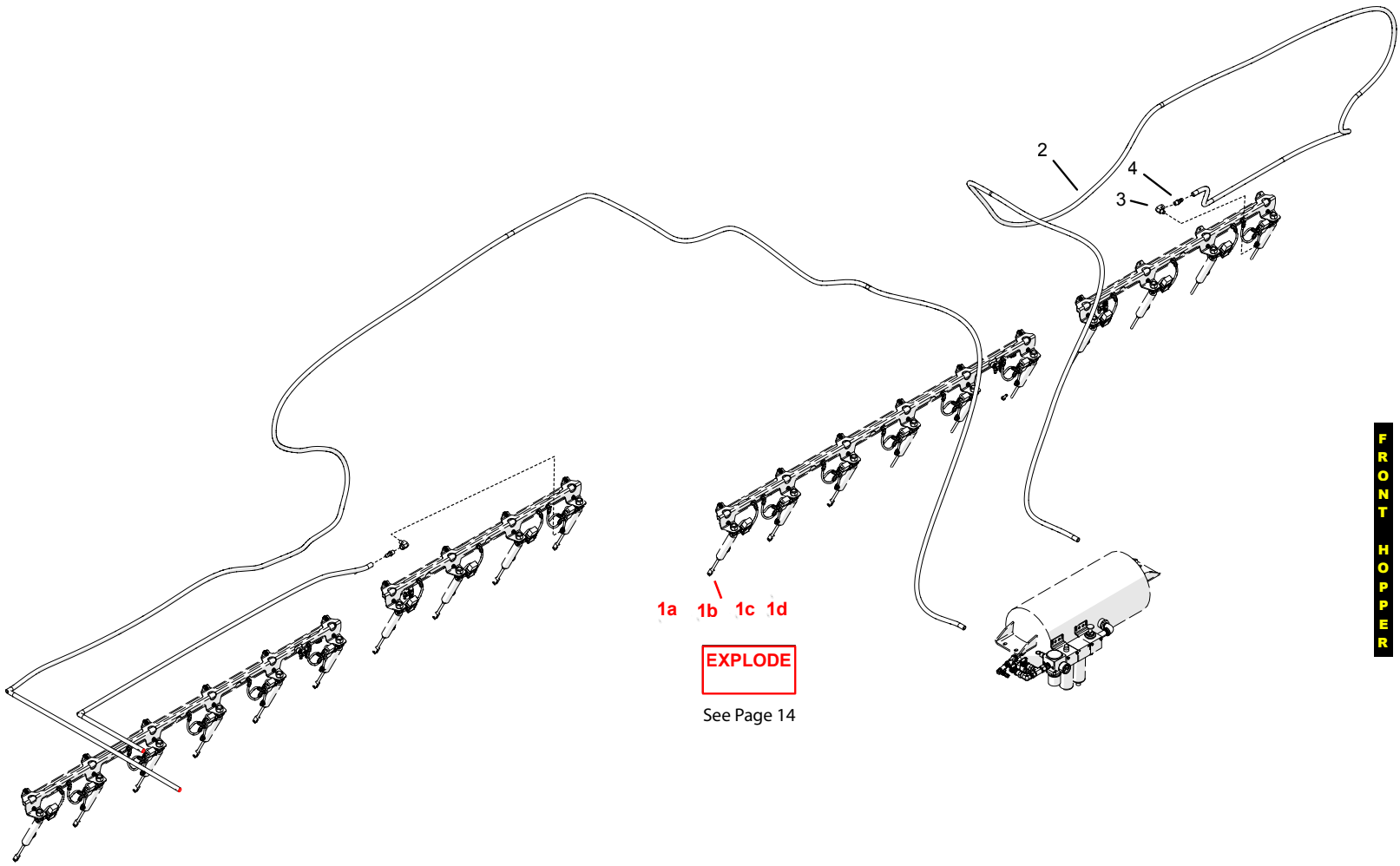
From *VIEW A1*



REF	PART NO.	QTY	DESCRIPTION
1	3160691	1	BIN SWITCH ASSY-AUTO AUGER
1	→7530041	1	DIAPHRAGM-SILICONE, SWITCH
2	7051471	1	SENSOR KIT-GATE POSITION
3	10002772	1	HARNESS-RH HOPPER MODULE EXT
4a	10007283	1	HARNESS HOPPER,I/O 2,7-9. 9'
4b	10007284	1	HARNESS HOPPER,I/O 2,7-10 10'
4c	10007285	1	HARNESS HOPPER,I/O 2,7-11 11'
4d	10007286	1	HARNESS-HOPPER,I/O 2,7-12 12'
5	10007282	1	HARNESS HOPPER,MOD,I/O1,1-6
6	0120386	2	WASHER-FLAT,0.25A(0.31X0.73)PD
7	0180020	2	SCREW-HEX,0.25NCX0.75,GR5,PD
8	0180126	2	SCREW-HEX,0.38NCX1.50,GR5,PD
9	0274993	2	NUT-HEX,LOCK 0.375NC,PD
10	0436754	2	SCREW-MACH,PNSL,10NFX1.00,PD
11	3142397	1	GUARD-GATE POSITION SENSOR
12	Q476100	2	GROMMET-BLK RUBBER, 3/4 I.D.
13	0120380	2	WASHER-LOCK,0.25,SPRING,PD

VIEW A2

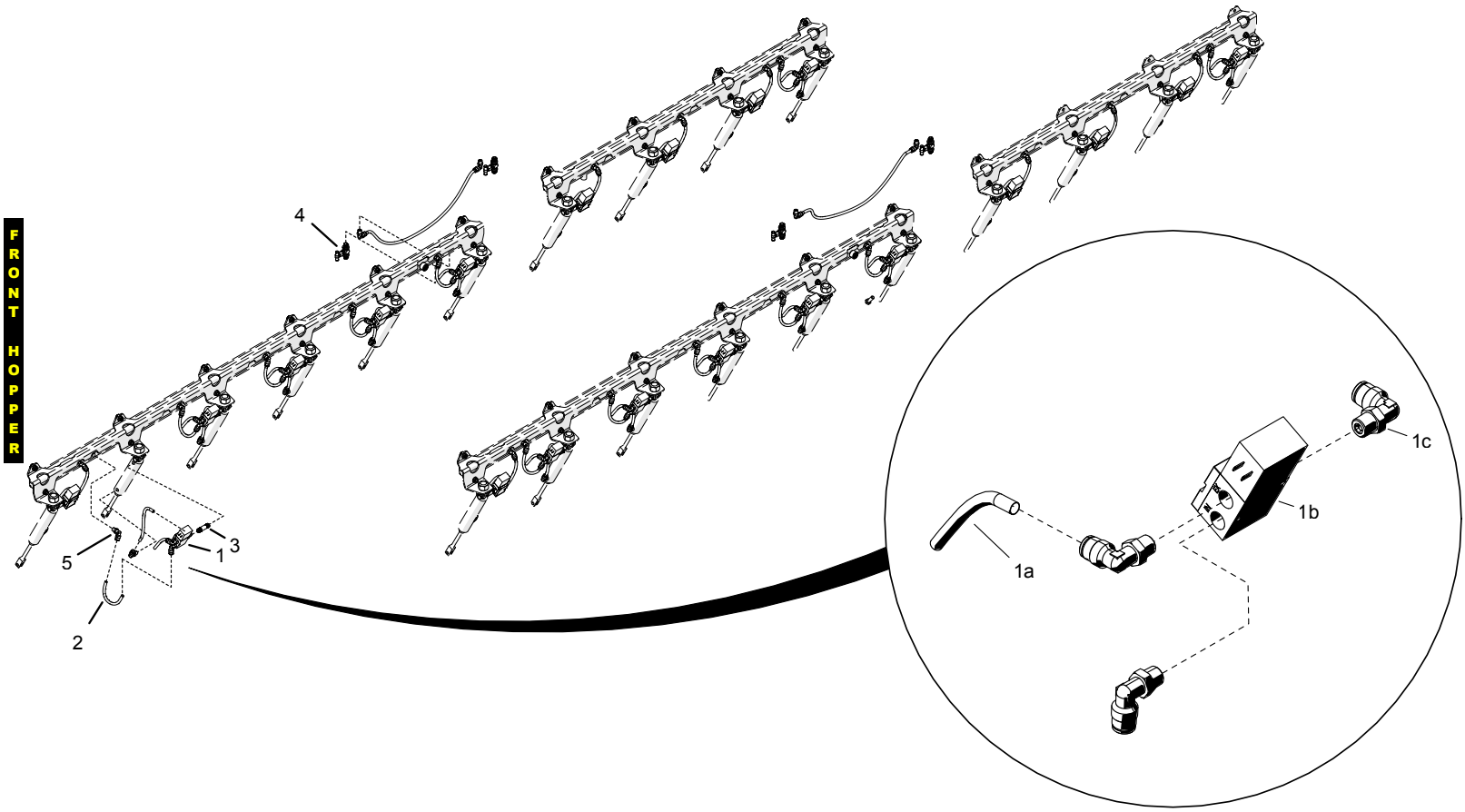
From *VIEW A*



REF	PART NO.	QTY	DESCRIPTION
1a	3181503	18	AIR SYSTEM-9/18'V/H,IND GATES
1b	3181504	20	AIR SYSTEM-10/20'V/H,IND GATES
1c	3181505	22	AIR SYSTEM-11/22'V/H,IND GATES
1d	3181506	24	AIR SYSTEM-12/24'V/H,IND GATES
2	6600324	3	HOSE-FUEL/AIR,0.38ID/FT
3	0454109	2	ELBOW-AUTO,90,04FP-04MP,PD
4	6600305	2	HOSE END-06X04MP,ST,LPSP

Air System - Ind. Gates

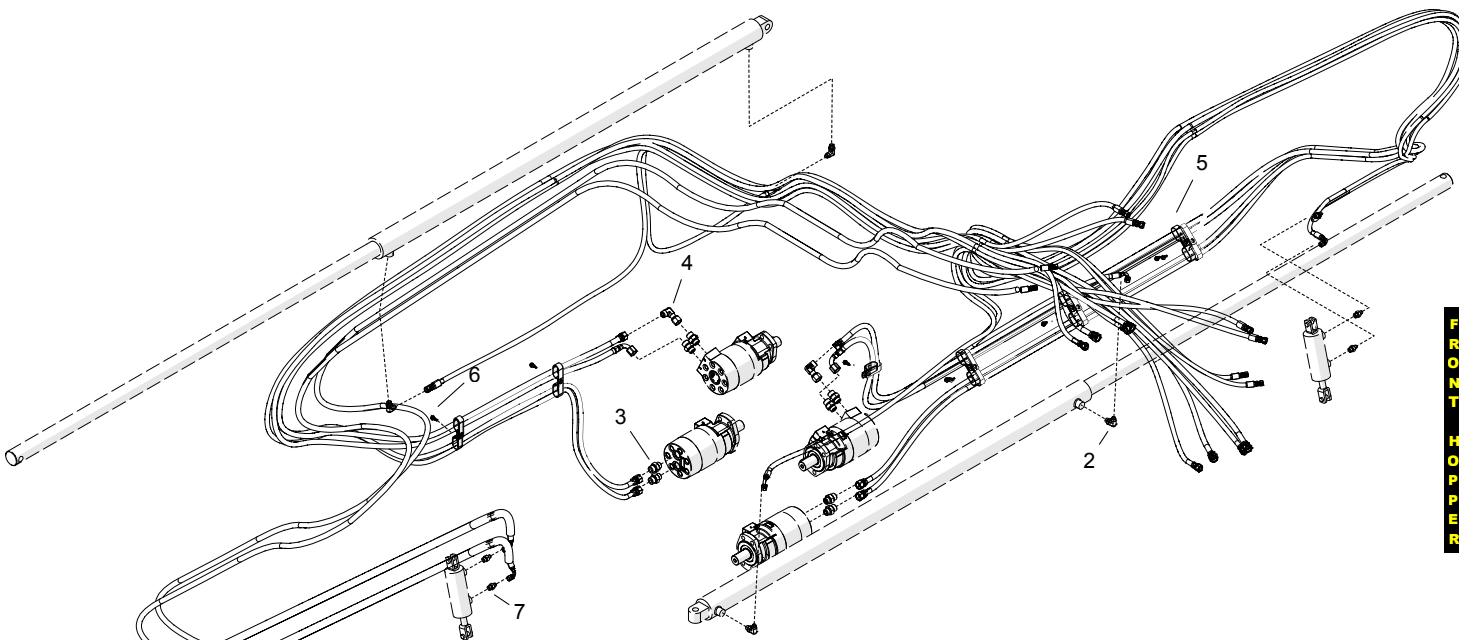
From VIEW A2 - 3181503, 9/18' V/H
3181504, 10/20' V/H
3181505, 11/22' V/H
3181506, 12/24' V/H



REF	PART NO.	QTY	DESCRIPTION
1	3181860	18	AIR VALVE ASSY-IND GATE, 9/18' V/H
1	3181860	20	AIR VALVE ASSY-IND GATE, 10/20' V/H
1	3181860	22	AIR VALVE ASSY-IND GATE, 11/22' V/H
1	3181860	24	AIR VALVE ASSY-IND GATE, 12/20' V/H
1a	→Q444884	1	TUBE-NYLON,AIR, 0.25, SNS
1b	→6602901	1	VALVE-AIR,SOL,4WAY-2POS
1c	→6603831	3	ADAPTER-AIR,90,04TUBE-02MPX,PD
2	Q444884	42	TUBE-NYLON,AIR,0.25,SNS
3	0192042	18	NIPPLE-SCH 40,0.12X1.50,PD, 9/18' V/H
3	0192042	20	NIPPLE-SCH 40,0.12X1.5,PD, 10/20' V/H
3	0192042	22	NIPPLE-SCH 40,0.12X1.50,PD, 11/22' V/H
3	0192042	24	NIPPLE-SCH 40,0.12X1.50,PD, 12/24' V/H
4	6600017	4	COCK-SHUT-OFF
5	6603831	40	ADAPTER-AIR,90,04TUBE-02MPX,PD, 9/18' V/H
5	6603831	44	ADAPTER-AIR,90,04TUBE-02MPX,PD, 10/20' V/H
5	6603831	48	ADAPTER-AIR,90,04TUBE-02MPX,PD, 11/22' V/H
5	6603831	52	ADAPTER-AIR,90,04TUBE-02MPX,PD, 12/24' V/H

VIEW A3

From *VIEW A*



EXPLODE 3182712 - 9' See Page 15a

EXPLODE 3182711 - 10' See Page 15b

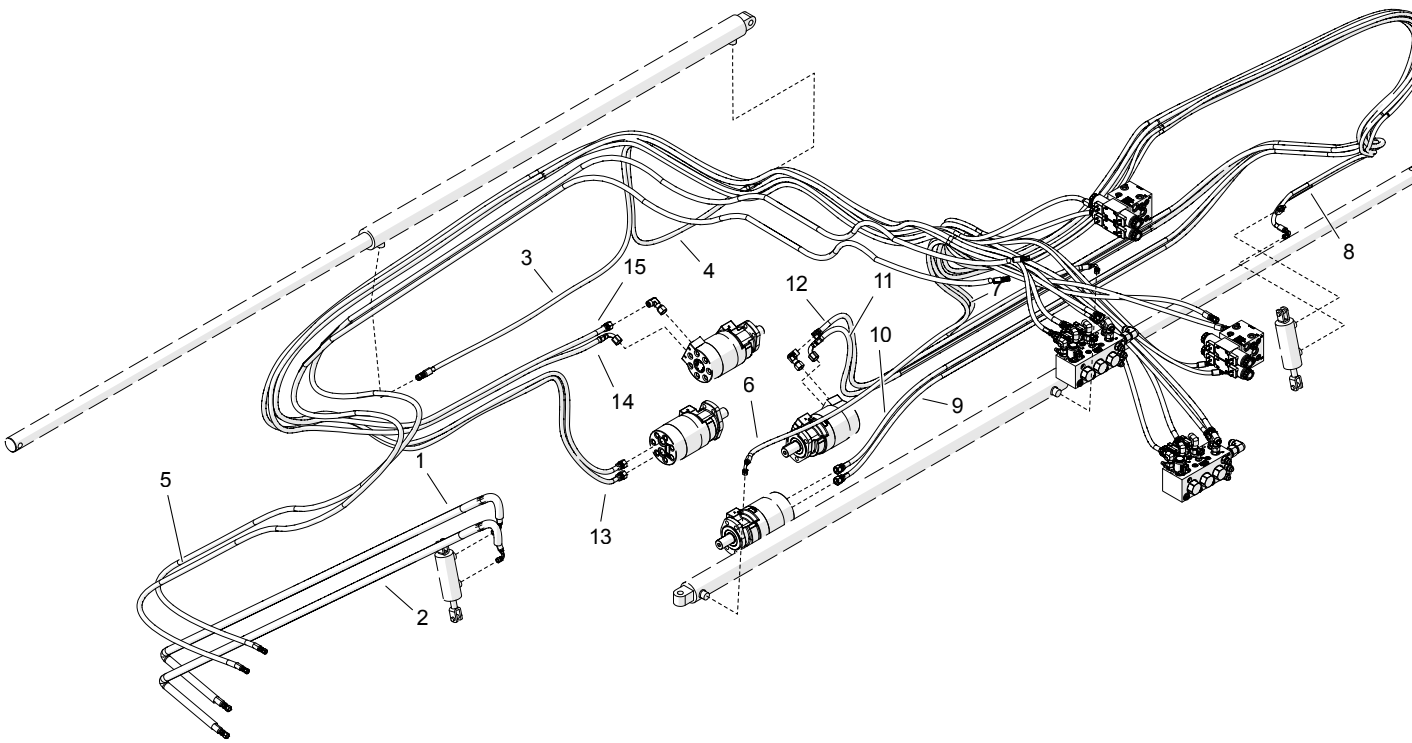
EXPLODE 3182724 - 11' See Page 15c

EXPLODE 3182736 - 12' See Page 15d

REF	PART NO.	QTY	DESCRIPTION
1	*******	1	HOSE KIT-HYD.
1a	→3182712	1	HOSE KIT-HYD, 9'
1b	→3182711	1	HOSE KIT-HYD, 10'
1c	→3182724	1	HOSE KIT-HYD, 11'
1d	→3182736	1	HOSE KIT-HYD, 12'
2	9410976	4	ELBOW-HYDR,90,06MB-06MJ
3	6604815	8	ADAPTER-HYDR,ST,08MFS-10MB
4	6604664	2	ELBOW-HYDR,90,08MORFS-08FORFSX
5	6001790	11	CLAMP-TUBE,DBL,7/8",RUBBERCOAT
6	6002738	6	SCREW-TAP,HXHD,0.25X0.75,T,PD
7	6602134	4	ADAPTER-HYDR,ST,6MB-4MJ

Hydraulic Hose Kit

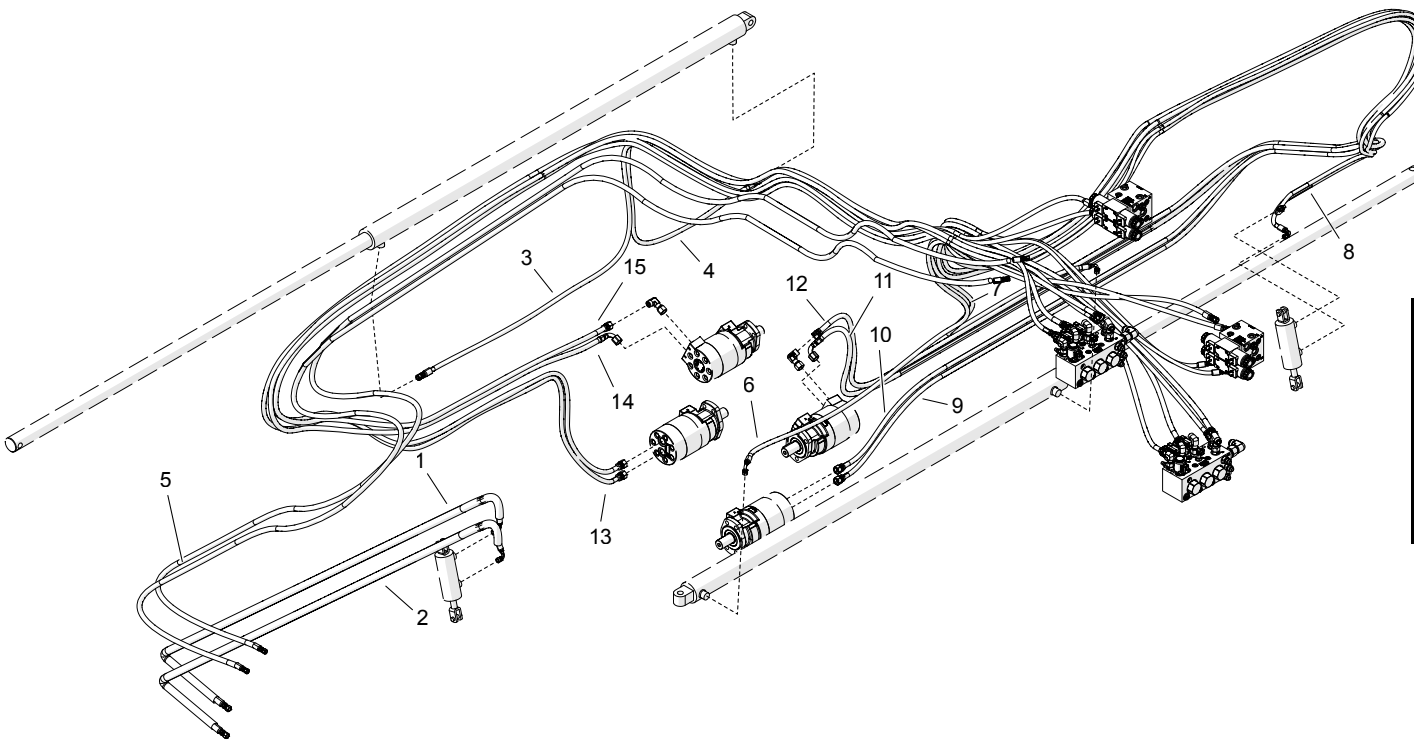
3182712 - 9'



REF	PART NO.	QTY	DESCRIPTION
1	3182136	1	L GATE OPEN AT CYL
2	3182169	1	L GATE CLOSE AT CYL
3	3182173	1	L HOPPER RETRACT
4	3182121	1	L HOPPER EXTEND
5	3182719	2	L GATE OPEN/CLOSE,THRU HOOD
6	3182721	1	R HOPPER EXTEND
7	3182720	1	R HOPPER RETRACT
8	3182718	2	R GATE OPEN/CLOSE
9	3182714	1	R SPREADROLL RETURN
10	3182715	1	R SPREADROLL PRESSURE
11	3182723	1	R AUGER RETURN
12	3182717	1	R AUGER PRESSURE
13	3182713	2	L SPREADROLL PRES/RET
14	3182722	1	L AUGER RETURN
15	3182716	1	L AUGER PRESSURE

Hydraulic Hose Kit

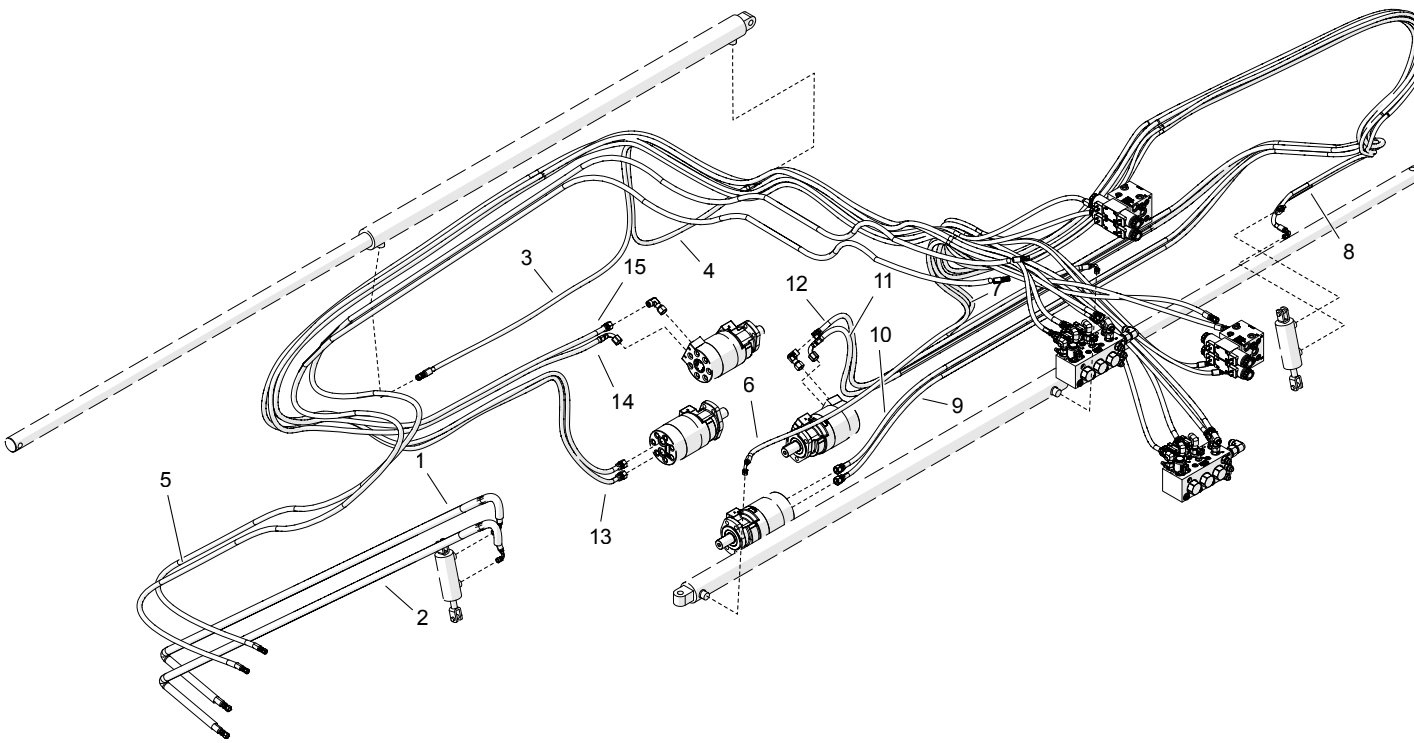
3182711 - 10'



REF	PART NO.	QTY	DESCRIPTION
1	3181974	1	L GATE OPEN AT CYL
2	3181975	1	L GATE CLOSE AT CYL
3	3181977	1	L HOPPER RETRACT
4	3182121	1	L HOPPER EXTEND
5	3182682	2	L GATE OPEN/CLOSE,THRU HOOD
6	3182683	1	R HOPPER EXTEND
7	3182684	1	R HOPPER RETRACT
8	3182685	2	R GATE OPEN/CLOSE
9	3182686	1	R SPREADROLL RETURN
10	3182687	1	R SPREADROLL PRESSURE
11	3182688	1	R AUGER RETURN
12	3182689	1	R AUGER PRESSURE
13	3182690	2	L SPREADROLL PRES/RET
14	3182691	1	L AUGER RETURN
15	3182692	1	L AUGER PRESSURE

Hydraulic Hose Kit

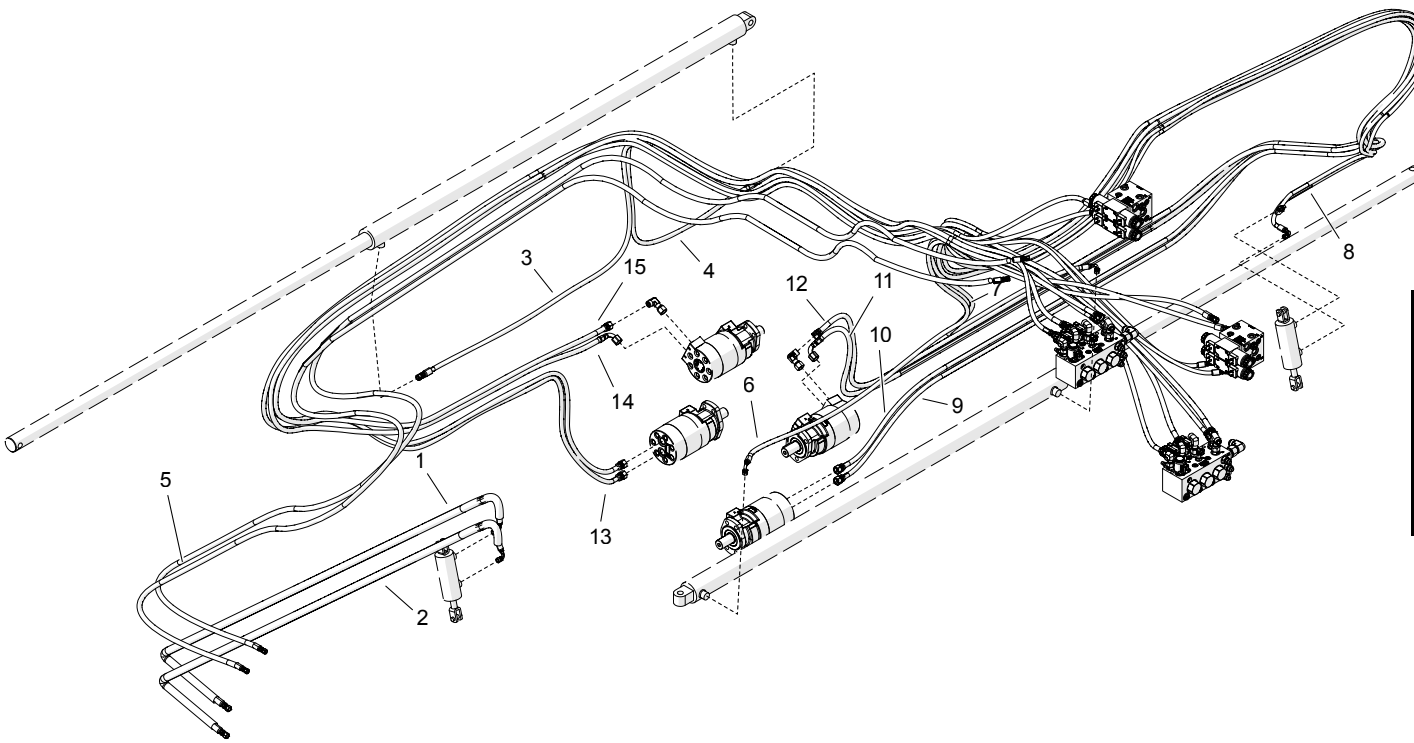
3182724 - 11'



REF	PART NO.	QTY	DESCRIPTION
1	3182136	1	L GATE OPEN AT CYL
2	3182169	1	L GATE CLOSE AT CYL
3	3181977	1	L HOPPER RETRACT
4	3182121	1	L HOPPER EXTEND
5	3182730	2	L GATE OPEN/CLOSE,THRU HOOD
6	3182731	1	R HOPPER EXTEND
7	3182732	1	R HOPPER RETRACT
8	3182729	2	R GATE OPEN/CLOSE
9	3182726	1	R SPREADROLL RETURN
10	3182725	1	R SPREADROLL PRESSURE
11	3182735	1	R AUGER RETURN
12	3182728	1	R AUGER PRESSURE
13	3182733	2	L SPREADROLL PRES/RET
14	3182734	1	L AUGER RETURN
15	3182727	1	L AUGER PRESSURE

Hydraulic Hose Kit

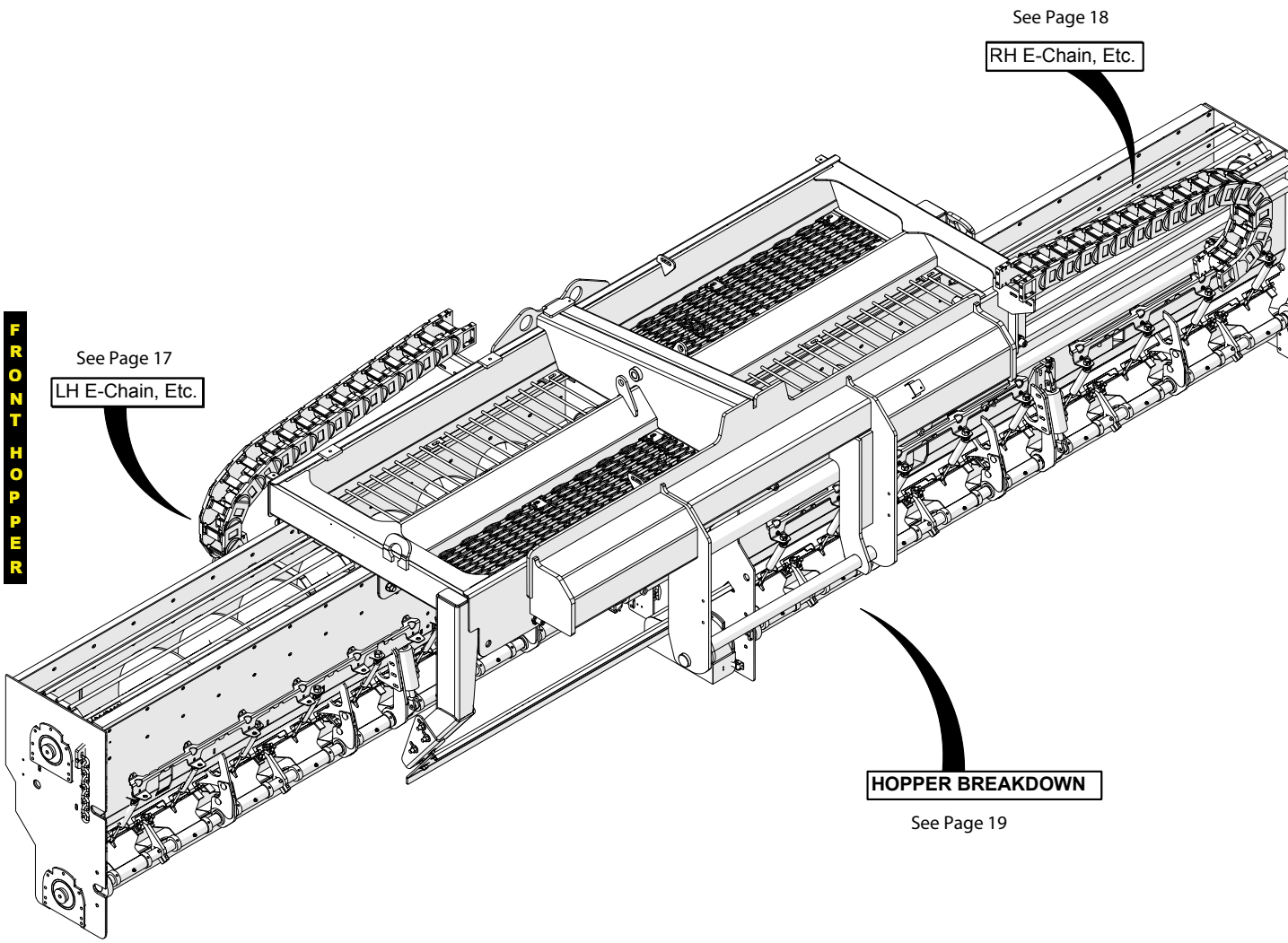
3182736 - 12'



REF	PART NO.	QTY	DESCRIPTION
1	3181560	1	L GATE OPEN AT CYL
2	3181556	1	L GATE CLOSE AT CYL
3	3182048	1	L HOPPER RETRACT
4	3182121	1	L HOPPER EXTEND
5	3182044	2	L GATE OPEN/CLOSE,THRU HOOD
6	3182746	1	R HOPPER EXTEND
7	3182745	1	R HOPPER RETRACT
8	3182744	2	R GATE OPEN/CLOSE
9	3182741	1	R SPREADROLL RETURN
10	3182742	1	R SPREADROLL PRESSURE
11	3182740	1	R AUGER RETURN
12	3182739	1	R AUGER PRESSURE
13	3182743	2	L SPREADROLL PRES/RET
14	3182738	1	L AUGER RETURN
15	3182737	1	L AUGER PRESSURE

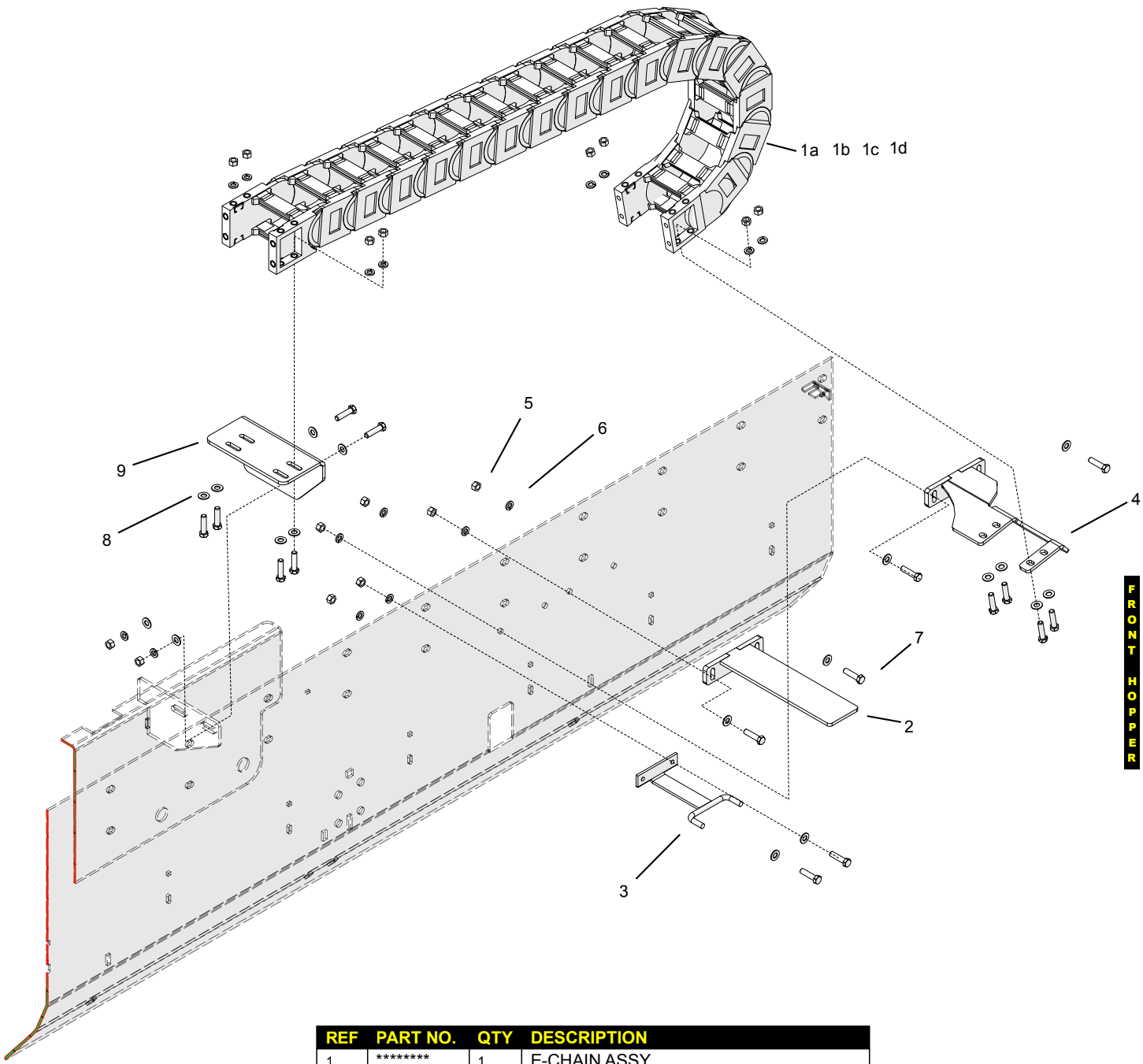
VIEW A4

From *VIEW A*



LH E-Chain

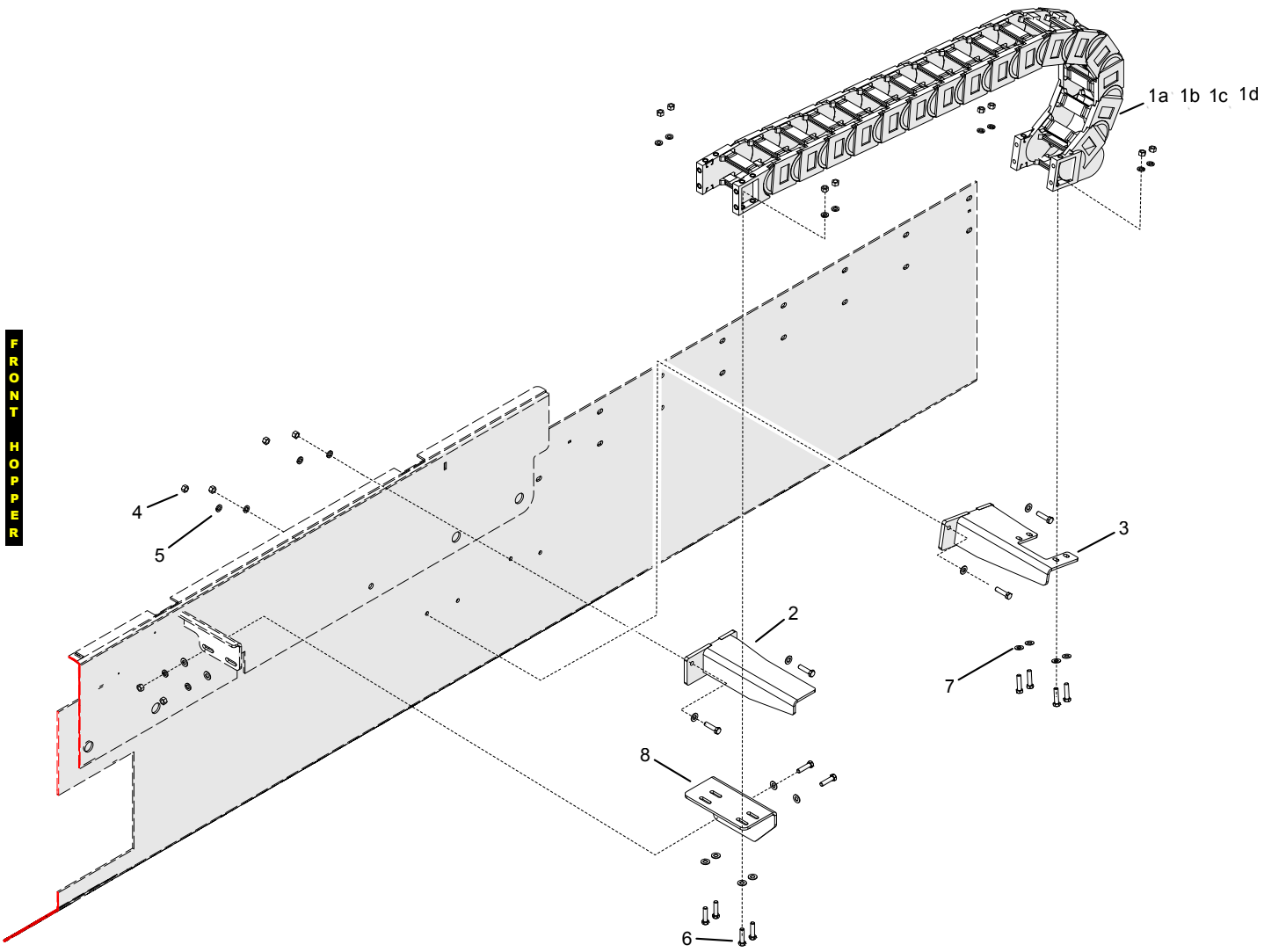
From *VIEW A4*



REF	PART NO.	QTY	DESCRIPTION
1	********	1	E-CHAIN ASSY
1a	→6603567		E-CHAIN ASM - 9' V/H IGUS
1b	→6603568		E-CHAIN ASM - 10' V/H IGUS
1c	→6603569		E-CHAIN ASM - 11' V/H IGUS
1d	→6603570		E-CHAIN ASM - 12' V/H IGUS
2	3144313	1	SUPPORT WELDMENT-ECHAIN,HPR
3	3102180	1	ASM-BRACKET,HYD HOSE,HOPPER
4	3144310	1	BRKT WELDMENT-ECHAIN,HPR,LOWER
5	0120377	16	NUT-HEX,0.38NC,PD
6	0120382	16	WASHER-LOCK,0.38,SPRING,PD
7	0180126	16	SCREW-HEX,0.38NCX1.50,GR5,PD
8	0274517	18	WASHER-FLAT,0.375,B,PD
9	3144316	1	BRKT-ECHAIN,HPR FRAME,UPPER

RH E-Chain

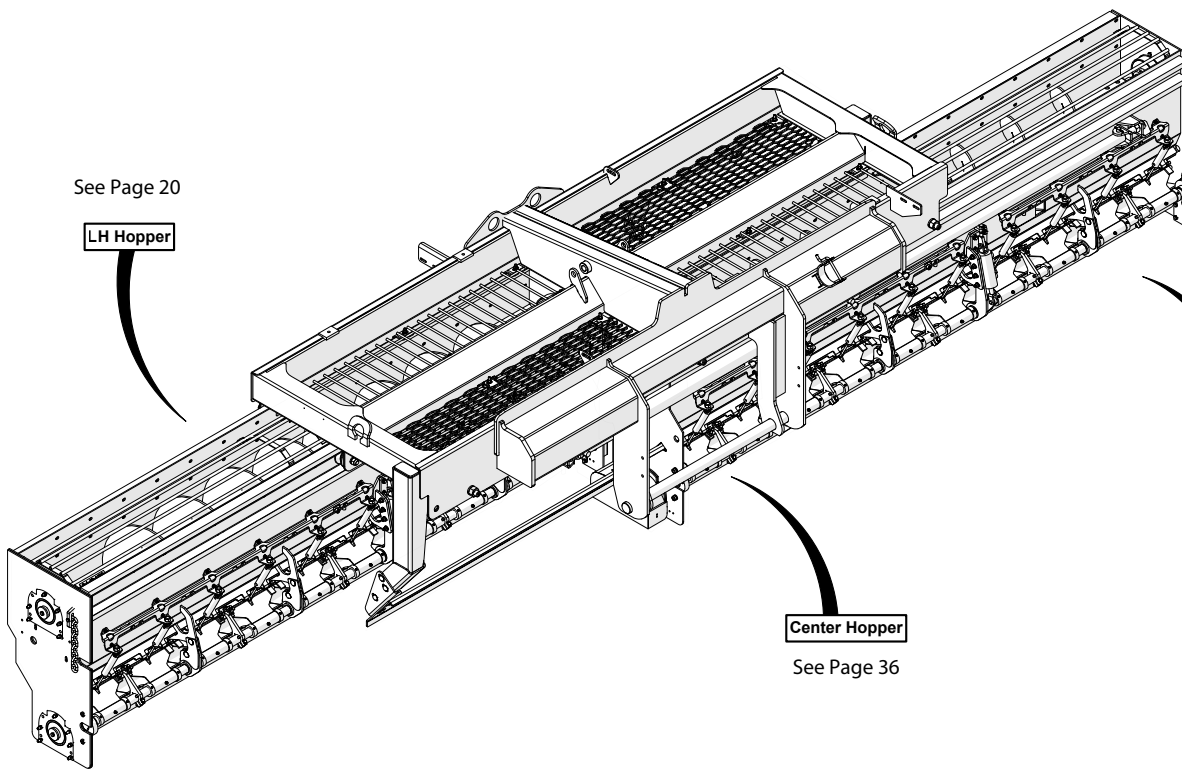
From *VIEW A4*



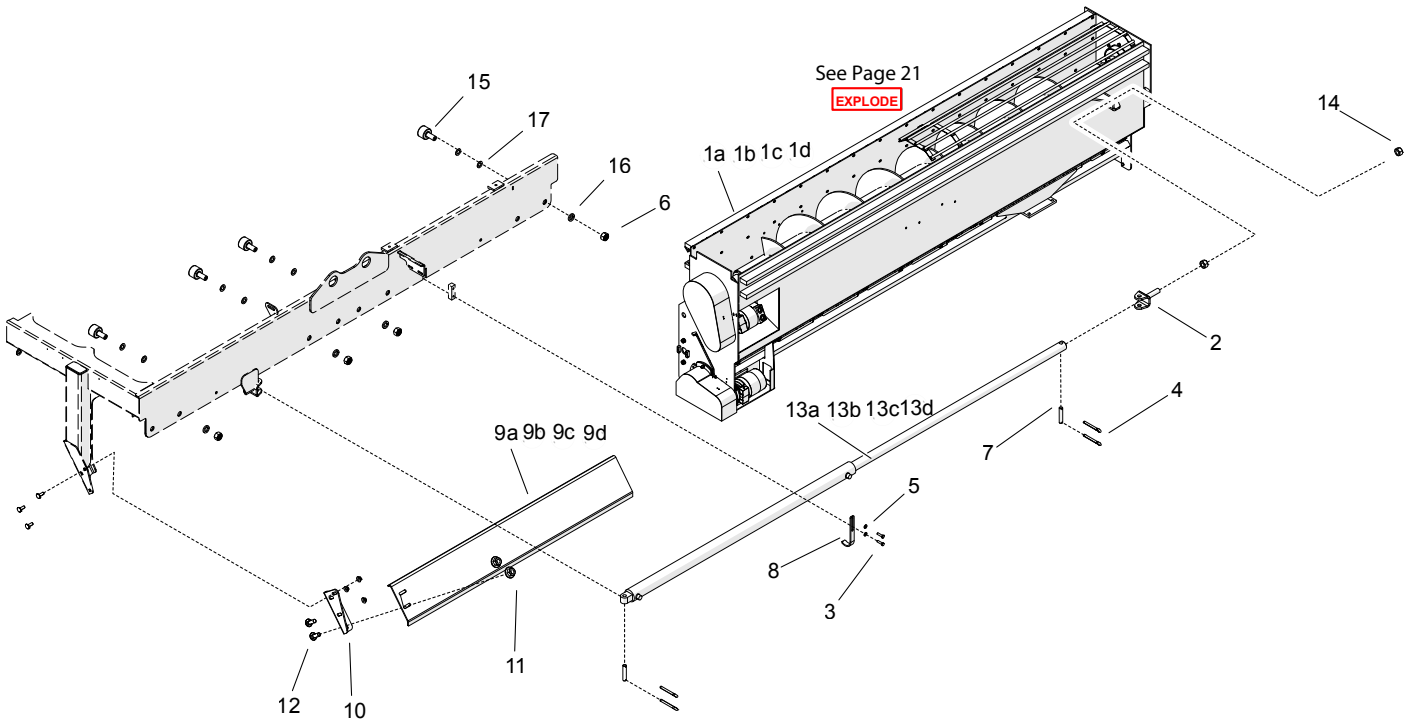
REF	PART NO.	QTY	DESCRIPTION
1	*******	1	E-CHAIN ASSY-10' V/H IGUS 16
1a	→6603567		E-CHAIN ASM - 9' V/H IGUS
1b	→6603568		E-CHAIN ASM - 10' V/H IGUS
1c	→6603569		E-CHAIN ASM - 11' V/H IGUS
1d	→6603570		E-CHAIN ASM - 12' V/H IGUS
2	3144319	1	SUPPORT WELDMENT-ECHAIN,HPR
3	3144318	1	BRKT WELDMENT-ECHAIN,HPR,FRONT
4	0120377	14	NUT-HEX,0.38NC,PD
5	0120382	14	WASHER-LOCK,0.38,SPRING,PD
6	0180126	14	SCREW-HEX,0.38NCX1.50,GR5,PD
7	0274517	16	WASHER-FLAT,0.375,B,PD
8	3144316	1	BRKT-ECHAIN,HPR FRAME,UPPER

Hopper Breakdown

From *VIEW A4*



LH Hopper

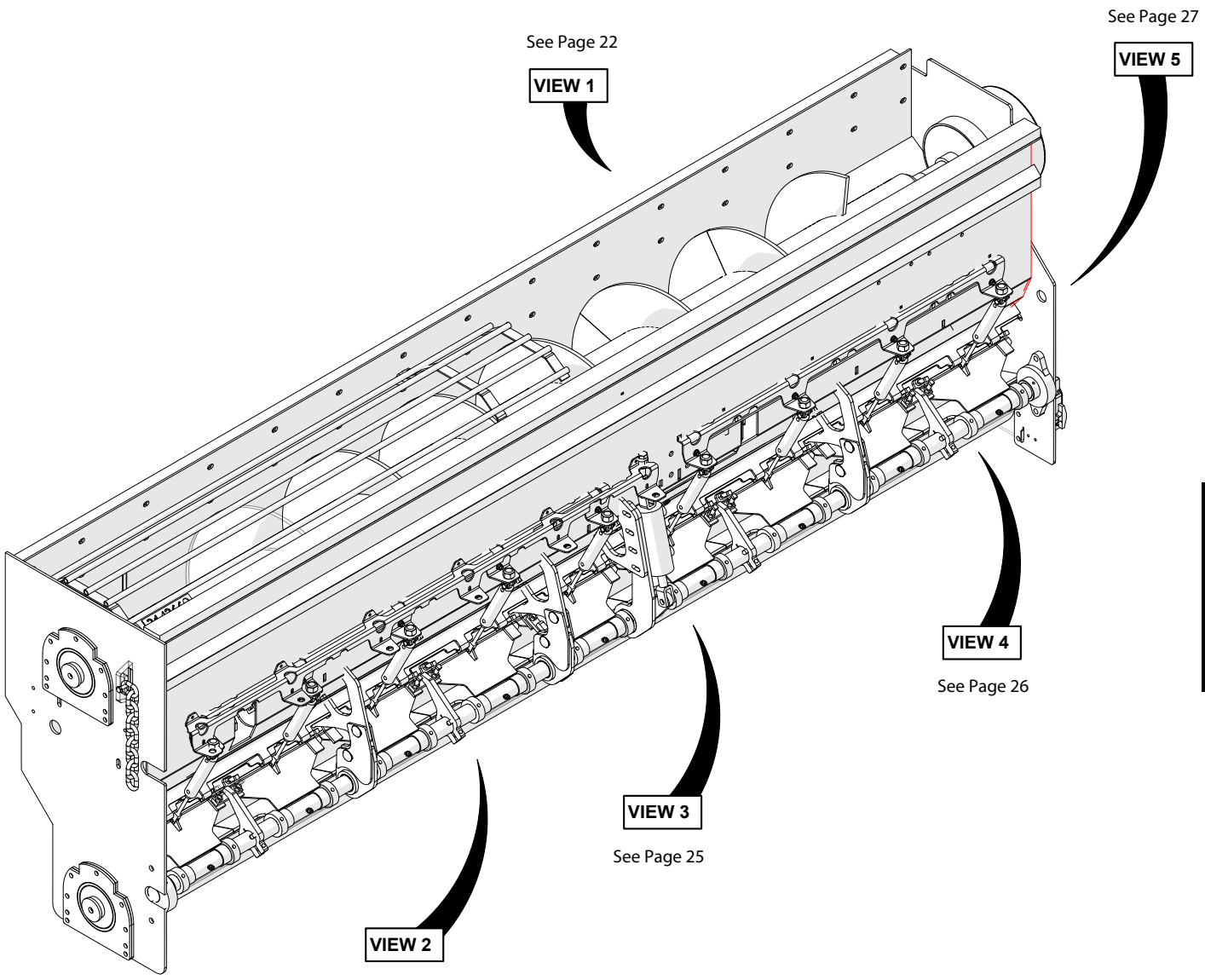


FRONT HOPPER

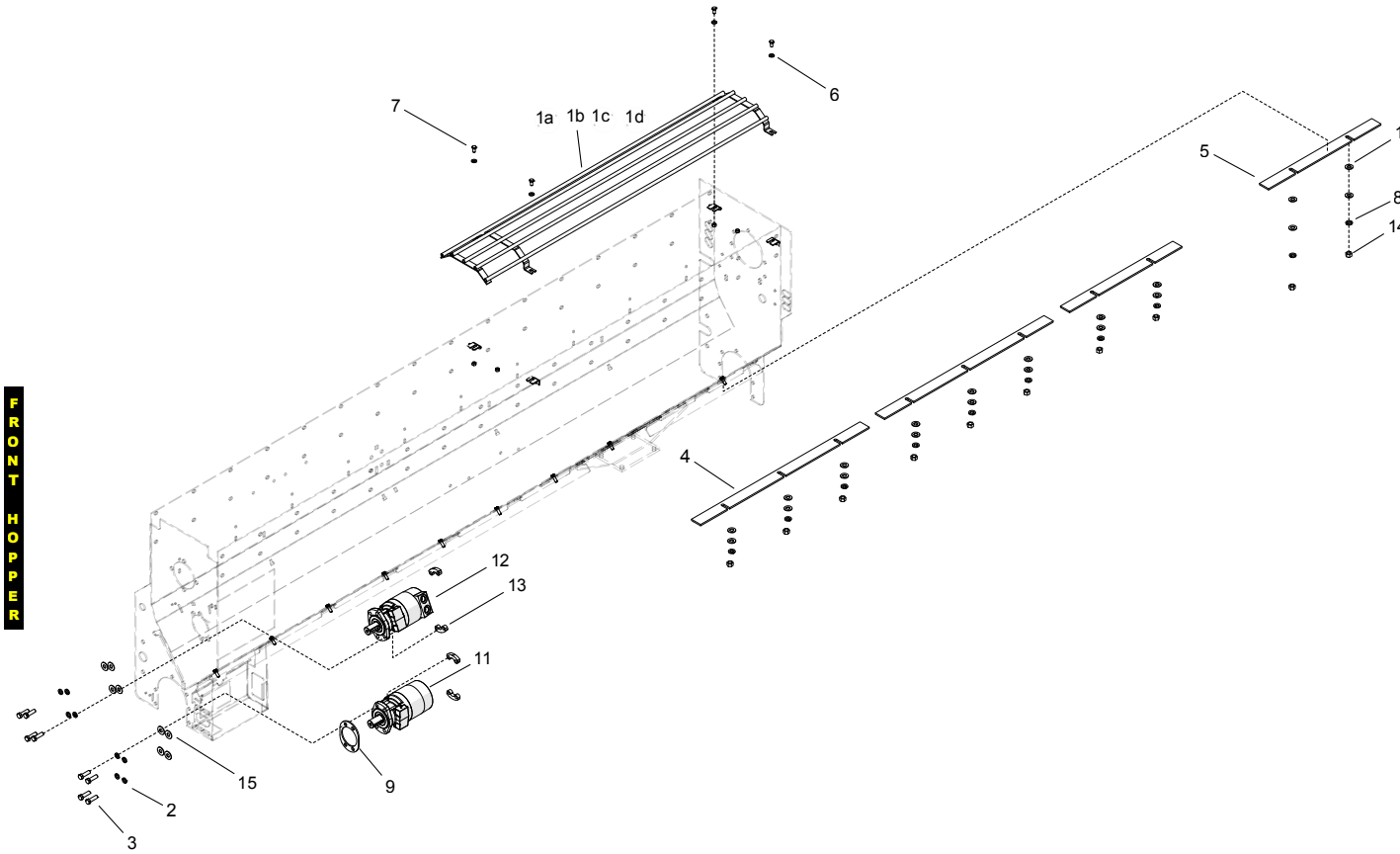
REF	PART NO.	QTY	DESCRIPTION
1	*******	1	HOPPERETTE ASM
1a	→10002228		HOPPERETTE ASM - 9/18 LH
1b	→3145682		HOPPERETTE ASM - 10/20 LH
1c	→10008495		HOPPERETTE ASM - 11/22 LH
1d	→3145563		HOPPERETTE ASM - 12/24 LH
2	3141811	1	CYLINDER MOUNT ASM
3	0180126	2	SCREW-HEX,0.38NCX1.50,GR5,PD
4	0103409	4	PIN-COTTER,0.19X1.50,PD
5	0274517	2	WASHER-FLAT,0.375,B,PD
6	6002724	4	NUT-HEX,1"-14 THREAD
7	3140918	2	PIN-CYL,LONG,HOP EXTEND,VAR
8	3143460	1	SUPPPORT-EXT/RET CYLINDER
9a	3143540	1	CUTOFF PLATE, LH, 9/18
9b	3143481	1	CUTOFF PLATE, LH, 10/20
9c	3143517	1	CUTOFF PLATE, LH, 11/22
9d	3143496	1	CUTOFF PLATE, LH, 12/24
10	3144497	1	BRACKET-CUTOFF PLT, RH
11	6100276	5	NUT-FLANGED,1/2-13NC,29LF1213
12	6100712	5	BOLT-CARRIAGE,GR5,1/2NCX1 1/2
13a	6603132	1	CYL-HYD,2.5"X55.13",2"DIA.ROD
13b	6603133	1	CYL-HYD, 2.5"X61.25",2"DIA. ROD
13c	6603134	1	CYL-HYD, 2.5"X67.375",2" DIA. ROD
13d	6603135	1	CYL-HYD,2.5"X73.5",2"DIA. ROD
14	0220088	2	NUT-HEX, 1.000NC
15	6425066	4	ROLLER-SMOOTH, 2 1/2" OD
16	0131048	4	WASHER-LOCK, SPRING, 1.00
17	3141381	8	SPACER-1/4",V-GROOVE ROLLER

LH Hopperette Asm

From *LH Hopper*

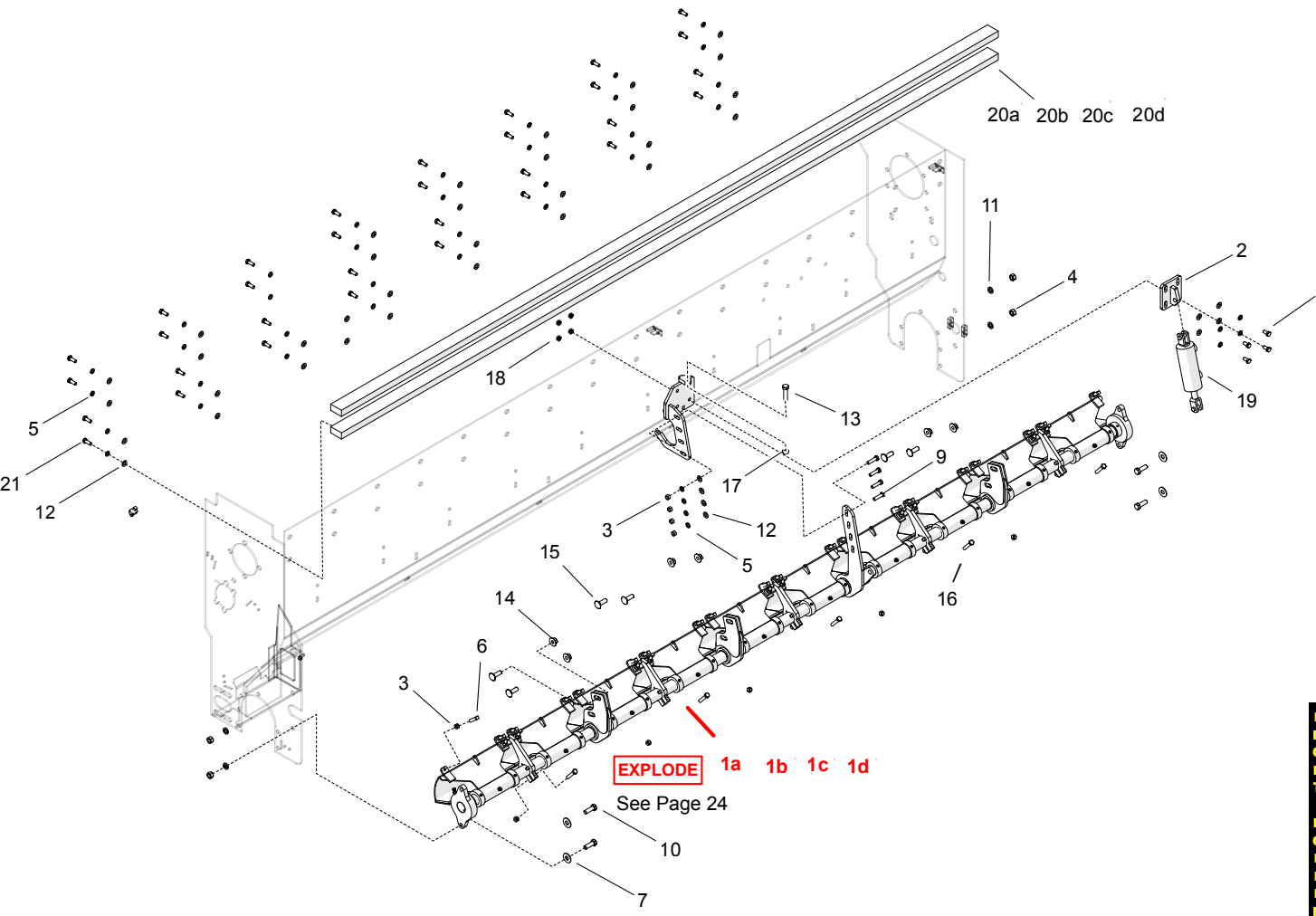


LH Hopperette Asm - VIEW 1



REF	PART NO.	QTY	DESCRIPTION
1a	3145160	1	GUARD-AUGER, 9' V/H
1b	3145168	1	GUARD-AUGER,10' V/H
1c	3145170	1	GUARD-AUGER, 11' V/H
1d	3145172	1	GUARD-AUGER, 12' V/H
2	0120384	8	WASHER-LOCK,0.50,SPRING,PD
3	0186646	8	SCREW-HEX,0.50NCX1.75,GR8,PN
4	3143779	2	PLATE-WEAR,SPREADROLL,36-3/4"
5	3143780	2	PLATE-WEAR,SPREADROLL,24-1/2"
6	0120388	4	WASHER-FLAT, SAE STD, 0.375
7	0180120	4	CAPSCREW-GR 5, 0.375 UNC X 0.75 LG
8	0120382	10	WASHER-LOCK,0.38,SPRING,PD
9	3142517	1	SPACER-SPREADROLL MOTOR MT
10	0274517	20	WASHER-FLAT,0.375,B,PD
11	6604477	1	MOTOR-HYD,LSHT,12.0CIR
12	6604557	1	MOTOR-HYD,LSHT,12.0CIR
13	3103452	4	FASTENER-SAUER MOTOR
14	0120377	14	NUT-HEX,0.38NC,PD
15	0120390	8	WASHER-FLAT,0.50A,W.PD

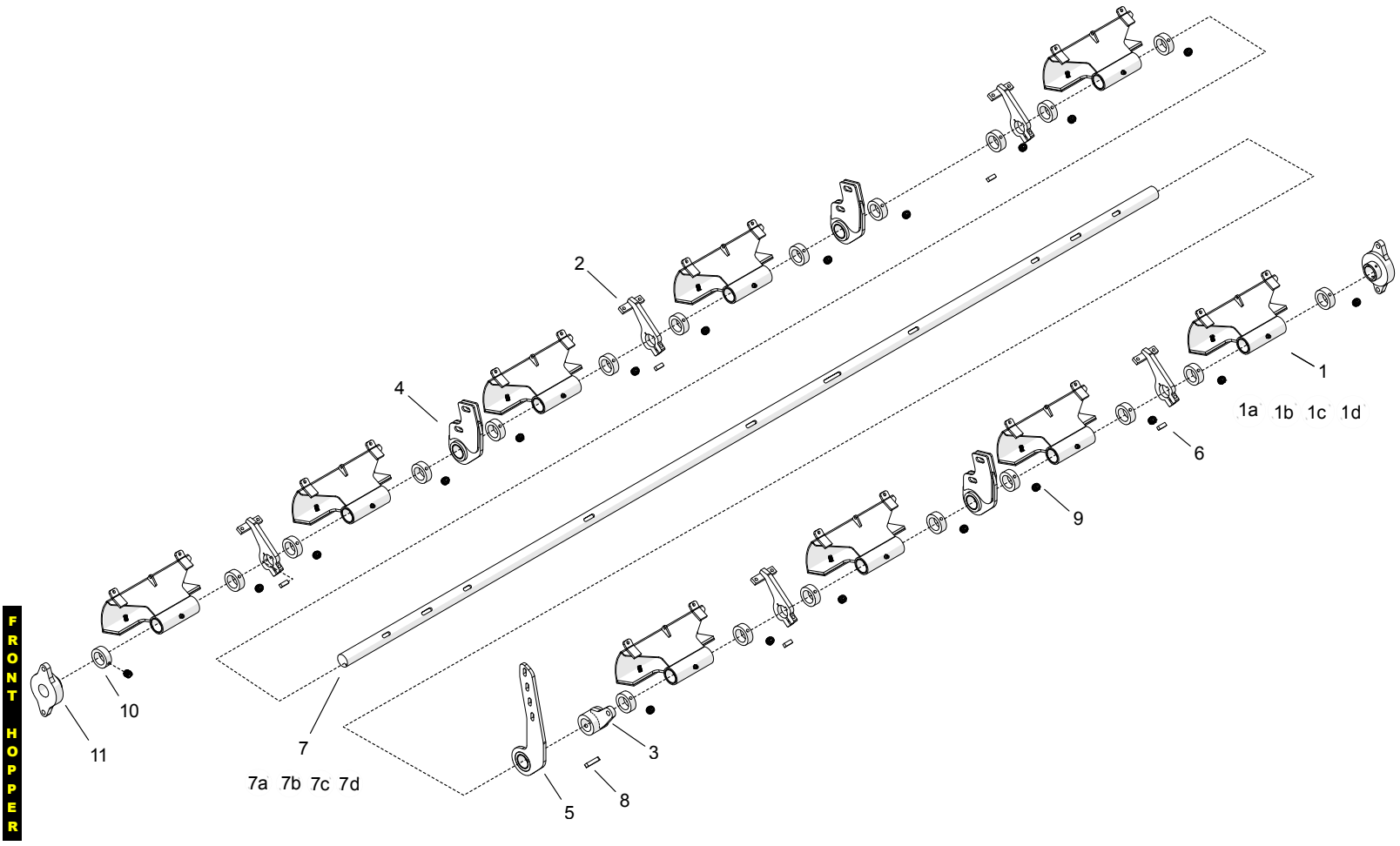
LH Hopperette Asm - VIEW 2



REF	PART NO.	QTY	DESCRIPTION
1a	3143546	1	GATE BUSSBAR ASM, 9'
1b	3143188	1	GATE BUSSBAR ASM, 10'
1c	3143514	1	GATE BUSSBAR ASM, 11'
1d	3143113	1	GATE BUSSBAR ASM, 12'
2	3145575	1	CYLINDER MOUNT WDMT
3	0120377	39	NUT-HEX, 0.38"NC, PD
4	0120378	4	NUT-HEX, 0.50"NC, PD
5	0120382	40	WASHER-LOCK, 0.38", SPRING, PD
6	0187870	31	SCREW-SQHD, 0.38"NC X 1.5", CUP, PD
7	0120390	4	WASHER-FLAT, 0.50A, W, PD
8	0180120	4	SCREW-HEX, 0.38"NC X 0.75", GR5, PD
9	0180126	4	SCREW-HEX, 0.38"NC X 1.5", GR5, PD
10	0180177	4	SCREW-HEX, 0.50"NC X 1.5", GR5, PD
11	0120384	4	WASHER-LOCK, 0.5", SPRING, PD
12	0274517	44	WASHER-FLAT, 0.375", B, PD
13	6002950	1	SCREW-HEX, 0.5"NC X 2.0", GR8, PD
14	6100276	6	NUT-FLANGED,1/2-13NC,29LF1213
15	6100712	6	BOLT-CARRIAGE, GR5, 0.375"UNC X 2.0"
16	0180130	5	CAPSCREW-GR 5, 0.375 UNC X 2.00 LG
17	0120238	1	NUT-HEX,JAM,0.50NC,PD
18	6100237	4	NUT HEX WELD 3/8 NC CSUNK
19	6603333	1	CYLINDER-HYD, 2'B X 3'STROKE
20a	3145020	1	FLAT-SUPT,ROLLER TRACK, 9'VAR
20b	3145019	4	FLAT-SUPT, ROLLER TRACK, 10'VAR
20c	3145018	1	FLAT-SUPT,ROLLER TRACK, 11'VAR
20d	3145017	1	FLAT-SUPT,ROLLER TRACK, 12'VAR
21	6001062	32	SCREW-HEX,0.38NCX1.00,GR8,PD

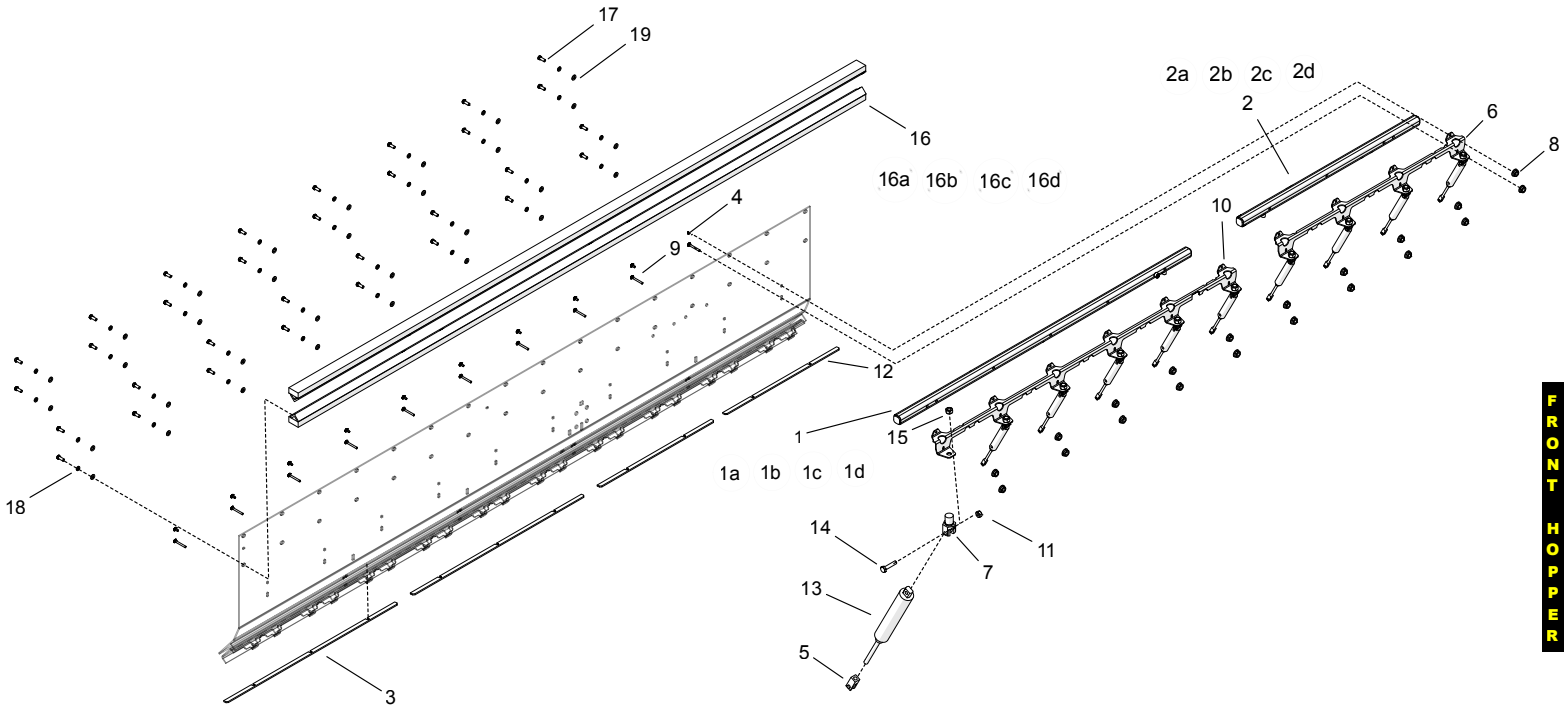
Gate Bussbar Assembly

3143188 From *Hopperette Asm - VIEW 2*



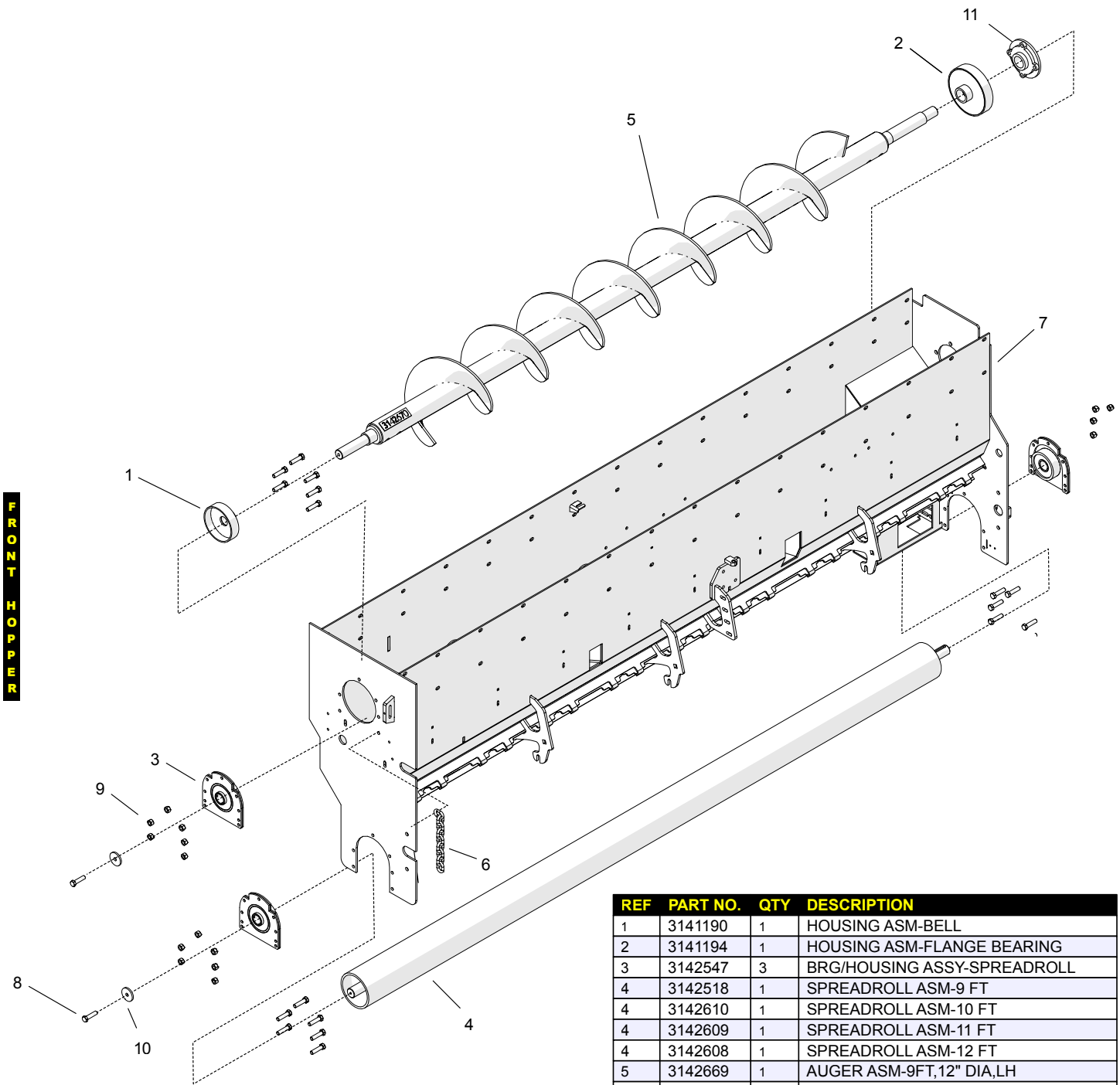
REF	PART NO.	QTY	DESCRIPTION
1	*******		GATE ASSY-12-1/4"
1a	→3142774	9	FOR 9' V/H
1b	→3142774	10	FOR 10' V/H
1c	→3142774	11	FOR 11' V/H
1d	→3142774	12	FOR 12' V/H
2	3142782	5	BUSS ARM ASM-DOUBLE,KEYED
3	3142784	1	ARM-GATE CYL,KEYED
4	3143114	3	SHAFT SUPT ASM-GATE BUS,11CHIP
5	3144294	1	CENTER SUPPORT ASM,LH-11CHIP
6	3102236	5	KEY-3/8 X 3/8 X 1" LONG
7	*******	1	SHAFT-BUSS,10FT,V/H,KEYED
7a	→3144301	1	9' V/H
7b	→3144302	1	10' V/H
7c	→3144303	1	11' V/H
7d	→3144304	1	12' V/H
8	3170061	1	KEY-0.38X0.38 CRX2.00 RD END
9	6100884	20	SCREW-SET,3/8-16X3/8,CUP,PD
10	6420224	20	SET COLLAR, 1-1/2
11	6420225	2	FLANGE BRG-BALL,2 BLT,1.5

LH Hopperette Assembly - VIEW 3



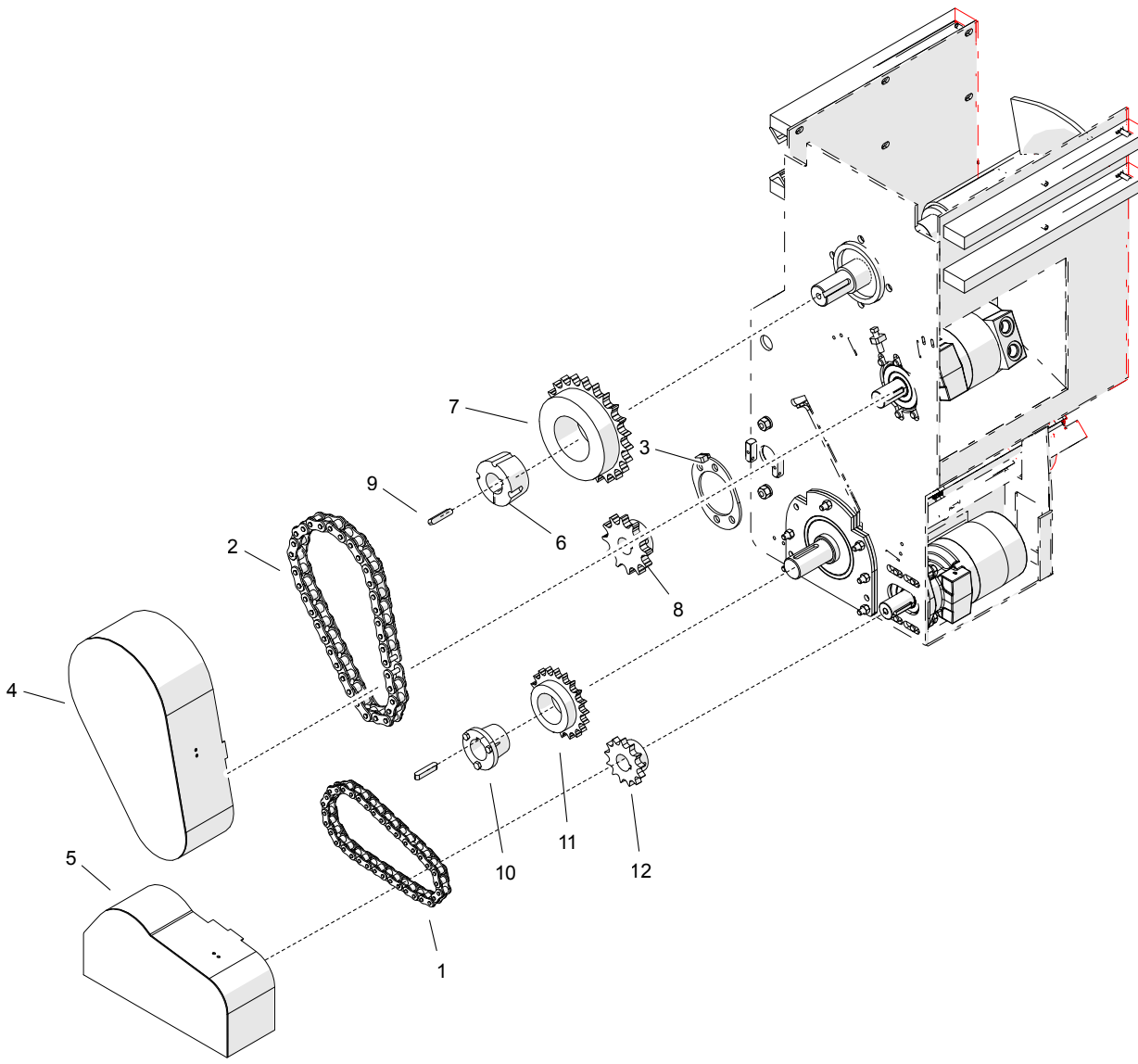
REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	*******	1	HEADER WMT	9	6100711	10	BOLT-CARRIAGE,GR5,1/4NCX2 1/4
1a	→3143515	1	5 AIR CYL, 09CHIP	10	3143525	1	BRACKET-6 CYL AIR HDR,11CHIP
1b	→3143118	1	6 AIR CYL, 10 CHIP	11	9413946	10	NUT-HEX, LOCK 0.250NC, PD
1c	→3143515	1	5 AIR CYL, 11 CHIP	12	3142365	2	PLATE-ADJUST,SEAL,GATE,24-1/2"
1d	→3143118	1	6 AIR CYL, 12CHIP	13	6602338	10	CYLINDER-AIR,1.06X3,DBL ACT
2	*******	1	HEADER WMT	14	0180024	10	CAPSCREW-GR 5, 0.250 UNC X 1.25 LG
2a	→3143190	1	4 AIR CYL, 09CHIP	15	9413948	10	NUT-HEX, LOCK 0.625NC, PD
2b	→3143190	1	4 AIR CYL, 10CHIP	16	*******	2	ROLLER TRACK ASM-HOPPER
2c	→3143656	1	6 AIR CYL, 11CHIP	16a	→3145293	2	9' V/H
2d	→3143656	1	6 AIR CYL, 12CHIP	16b	→3145292	2	10' V/H
3	3142316	2	PL-ADJUST,SEAL,GATE,36-3/4"	16c	→3145290	2	11' V/H
4	6100710	10	BOLT-CARRIAGE,GR5,1/4NCX5/8	16d	→3145402	2	12' V/H
5	6602339	10	CLEVIS-ROD,CYL	17	6001062	32	SCREW-HEX,0.38NCX1.00,GR8,PD
6	3143526	1	BRACKET-4 CYL AIR HDR,11CHIP	18	0120382	32	WASHER-LOCK,0.38,SPRING,PD
7	3144557	10	CLEVIS-BASE, CYL,THREADED	19	0274517	32	WASHER-FLAT,0.375,B,PD
8	6100713	20	NUT-FLANGED,1/4-20NC				

LH Hopperette Assembly - VIEW 4



REF	PART NO.	QTY	DESCRIPTION
1	3141190	1	HOUSING ASM-BELL
2	3141194	1	HOUSING ASM-FLANGE BEARING
3	3142547	3	BRG/HOUSING ASSY-SPREADROLL
4	3142518	1	SPREADROLL ASM-9 FT
4	3142610	1	SPREADROLL ASM-10 FT
4	3142609	1	SPREADROLL ASM-11 FT
4	3142608	1	SPREADROLL ASM-12 FT
5	3142669	1	AUGER ASM-9FT,12" DIA,LH
5	3142670	1	AUGER ASM-10FT,12IN DIA,LH
5	3142671	1	AUGER ASM-11FT,12IN DIA,LH
5	3142672	1	AUGER ASM-12FT,12IN DIA,LH
6	3141120	1	CHAIN-SAFETY CHAIN LUG
7	10002229	1	HOPPERETTE WMT-9/18 LH
7	3145683	1	HOPPERETTE WMT-10/20, LH
7	10008497	1	HOPPERETTE WMT-11/22, LH
7	3145564	1	HOPPERETTE WMT-12/24 LH
8	0180126	20	SCREW-HEX,0.38NCX1.50,GR5,PD
9	0274993	18	NUT-HEX,LOCK 0.375NC,PD
10	3140404	2	DISC-SHAFT END HOPPER
11	6420192	1	BEARING-FLANGE,BALL,4-BLT,1.94
12	0122017	1	SCREW-HEX, 0.313 UNC X 1.00,GR 2,PD

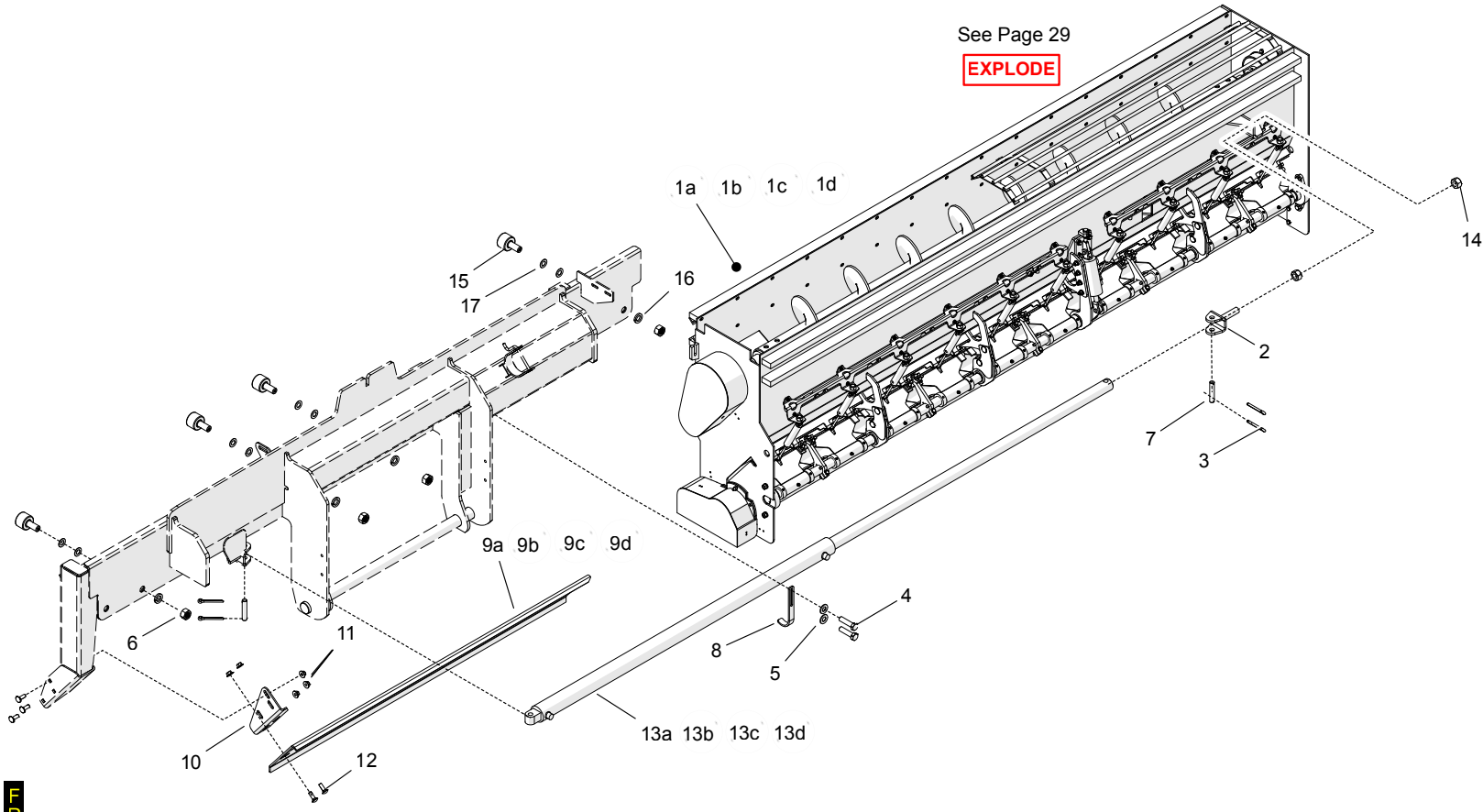
LH Hopperette Assembly - VIEW 5



FRONT HOPPER

REF	PART NO.	QTY	DESCRIPTION
1	3142564	1	CHAIN ASSY-SPREADROLL,V/H
2	3142565	1	CHAIN ASSY-AUGER DRIVE
3	3143914	1	SPACER-AUGER MOTOR MT, RH
4	3144523	1	GUARD ASM-AUGER DRIVE
5	3144668	1	GUARD ASM-SPR ROLL,LH
6	6435460	1	BUSHING-TAPER LOCK,2517,1.56"B
7	6430359	1	SPROCKET-RC80-1,23T,TLB
8	3141346	1	SPROCKET-HYD MTR,12 IN AUGER
9	3170061	2	KEY-0.38X0.38 CRX2.00 RD END
10	6435467	1	BUSHING-TAPER LOCK,2012,1.56"B
11	6435466	1	SPROCKET-RC60X1,20 TOOTH,TLB
12	3142539	1	SPROCKET-DRIVE,SPDRLL-AGIT,VAR

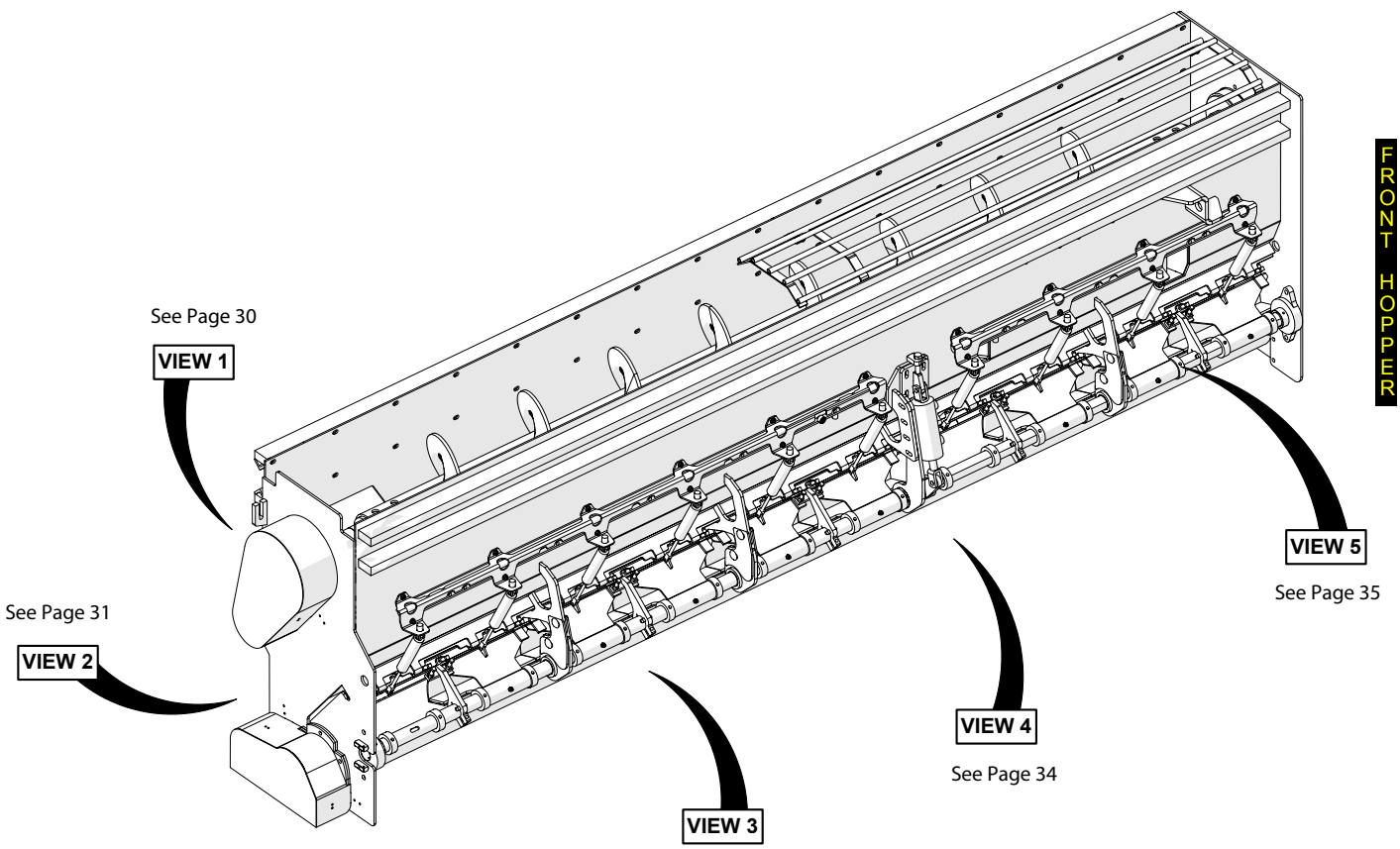
RH Hopper



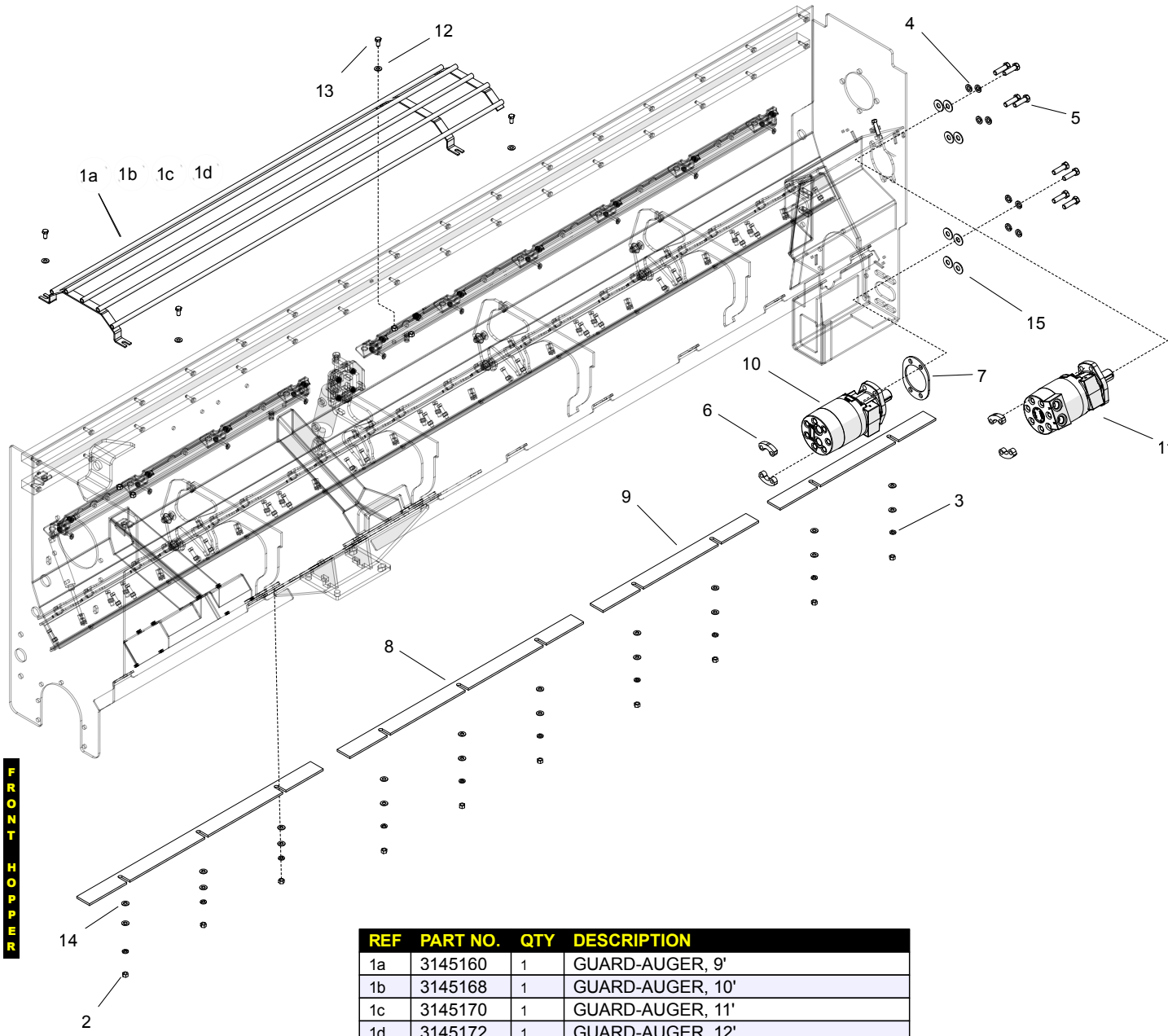
REF	PART NO.	QTY	DESCRIPTION
1	*******	1	HOPPERETTE ASM
1a	→10002204		HOPPERETTE ASM-9/18, RH
1b	→3145688		HOPPERETTE ASM-10/20, RH
1c	→10008496		HOPPERETTE ASM-11/22, RH
1d	→3145568		HOPPERETTE ASM-12/24, RH
2	3141811	1	CYLINDER MOUNT ASM
3	0103409	4	PIN-COTTER,0.19X1.50,PD
4	0180126	2	SCREW-HEX,0.38NCX1.50,GR5,PD
5	0274517	2	WASHER-FLAT,0.375,B,PD
6	6002724	4	NUT-HEX,1"-14 THREAD
7	3140918	2	PIN-CYL,LONG,HOP EXTEND,VAR
8	3143460	2	SUPPPORT-EXT/RET CYLINDER
9a	3143541	1	CUTOFF PLATE,RH,9/18
9b	3143480	1	CUTOFF PLATE,RH,10/20
9c	3143518	1	CUTOFF PLATE,RH,11/22
9d	3143497	1	CUTOFF PLATE,RH,12/24
10	3144496	1	BRACKET-CUTOFF PLT, LH, ADJ
11	6100276	5	NUT-FLANGED,1/2-13NC,29LF1213
12	6100712	5	BOLT-CARRIAGE,GR5,1/2NCX1 1/2
13a	6603132	1	CYL-HYD,2.5"X55.13",2"DIA.ROD
13b	6603133	1	CYL-HYD,2.5"X61.25",2"DIA.ROD
13c	6603134	1	CYL-HYD,2.5"X67.375",2"DIA.ROD
13d	6603135	1	CYL-HYD,2.5"X73.5",2"DIA.ROD
14	0220088	2	NUT-HEX, 1.000NC
15	6425066	4	ROLLER-SMOOTH, 2 1/2" OD
16	0131048	4	WASHER-LOCK, SPRING, 1.00
17	3141381	8	SPACER-1/4",V-GROOVE ROLLER

RH Hopperette Asm

From *RH Hopper*

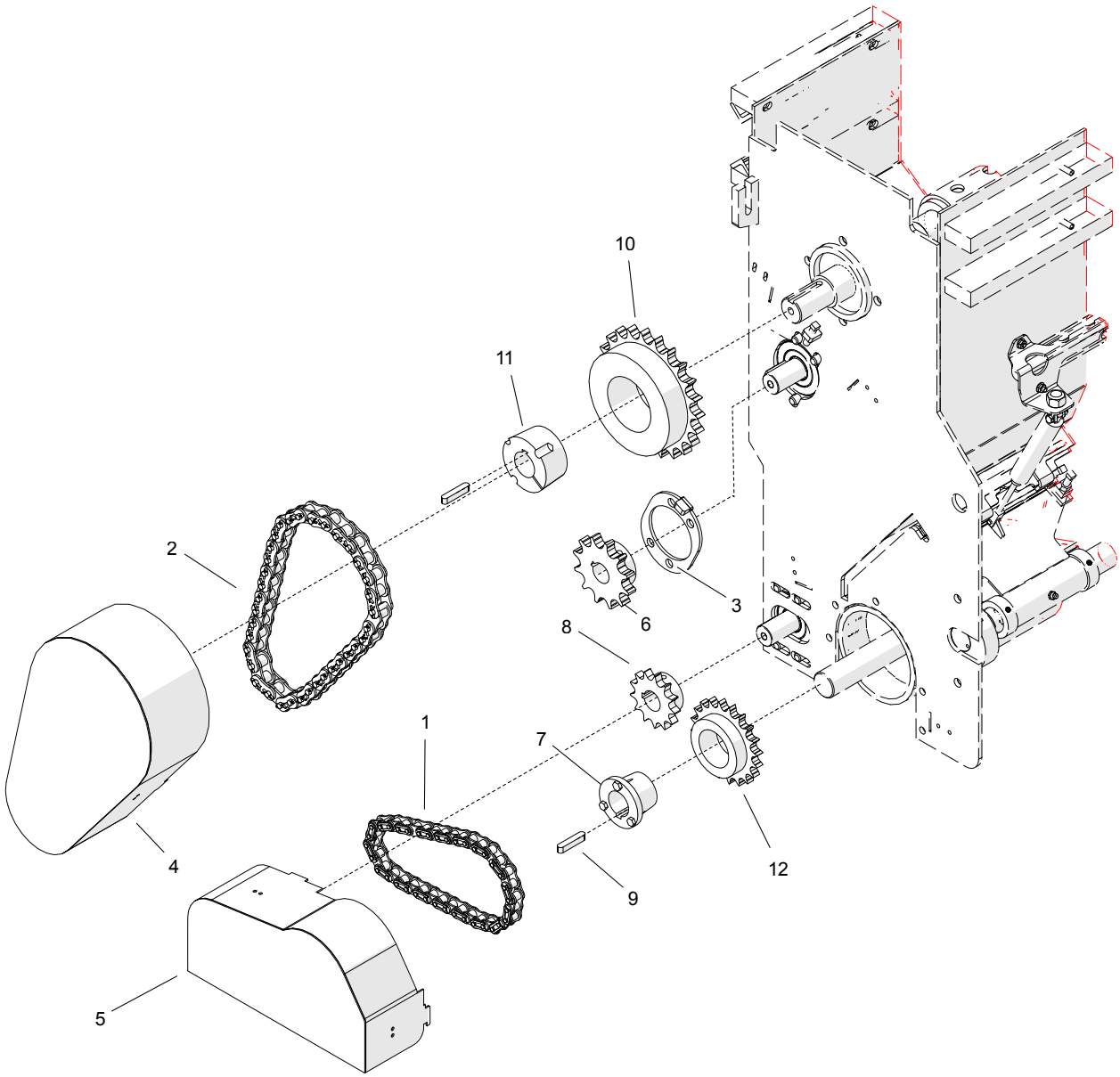


RH Hopperette Asm - VIEW 1



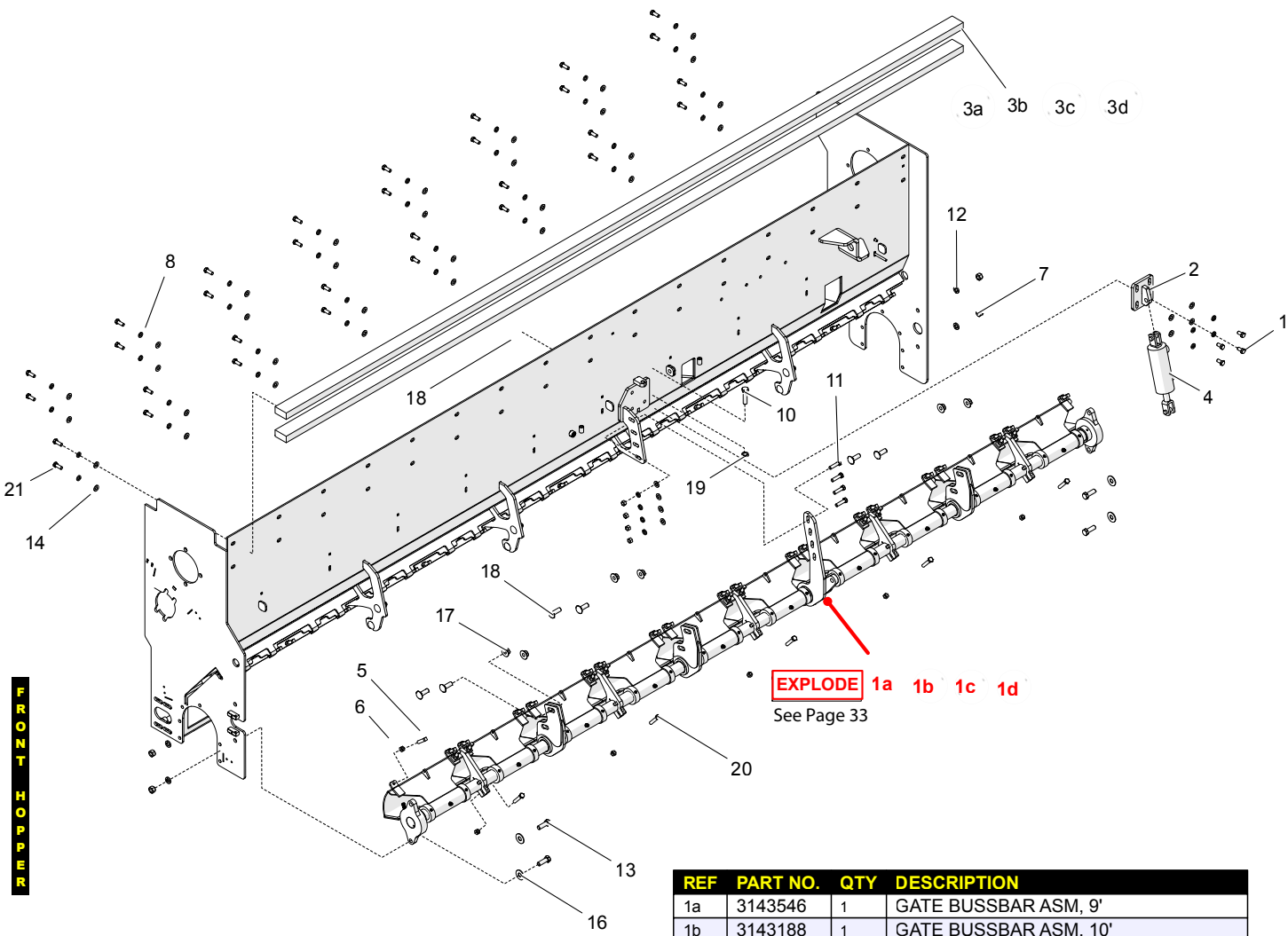
REF	PART NO.	QTY	DESCRIPTION
1a	3145160	1	GUARD-AUGER, 9'
1b	3145168	1	GUARD-AUGER, 10'
1c	3145170	1	GUARD-AUGER, 11'
1d	3145172	1	GUARD-AUGER, 12'
2	0120377	14	NUT-HEX, 0.38"NC, PD
3	0120382	10	WASHER-LOCK, 0.38", SPRING, PD
4	0120384	8	WASHER-LOCK, 0.50", SPRING, PD
5	0186646	8	SCREW-HEX, 0.50"NC X 1.75", GR8, PN
6	3103452	4	FASTNER-SAUER MOTOR
7	3142517	1	SPACER-SPREADROLL MOTOR MT
8	3143779	2	PLATE-WEAR, SPREADROLL, 36-3/4"
9	3143780	2	PLATE-WEAR, SPREADROLL, 24-1/2"
10	6604477	1	MOTOR-HYD, LSHT, 12.0 CIR
11	6604557	1	MOTOR-HYD, LSHT, 12.0 CIR
12	0120388	4	WASHER-FLAT, SAE STD, 0.375
13	0180120	4	CAPSCREW-GR 5, 0.375 UNC X 0.75 LG
14	0274517	20	WASHER-FLAT, 0.375",B,PD
15	0120390	8	WASHER-FLAT,0.50A,W.PD

RH Hopperette Asm - VIEW 2



REF	PART NO.	QTY	DESCRIPTION
1	3142564	1	CHAIN ASM-SPREADROLL
2	3142565	1	CHAIN ASM-AUGER DRIVE
3	3143914	1	SPACER-AUGER MOTOR MT, RH
4	3144523	1	GUARD ASM-AUGER DRIVE
5	3144527	1	GUARD ASM-SPR ROLL,RH
6	3141346	1	SPROCKET-HYD MTR, 12" AUGER
7	6435467	1	BUSHING-TAPER LOCK, 2012, 1.56"B
8	3142539	1	SPROCKET-DRIVE, SPDRLL-AGIT, VAR
9	3170061	2	KEY-0.38" X 0.38"CR X 2.0" RD END
10	6430359	1	SPROCKET-RC80-1, 23T, TLB
11	6435460	1	BUSHING-TAPER LOCK, 2517, 1.56"B
12	6435466	1	SPROCKET-RC60X1, 20 TOOTH, TLB

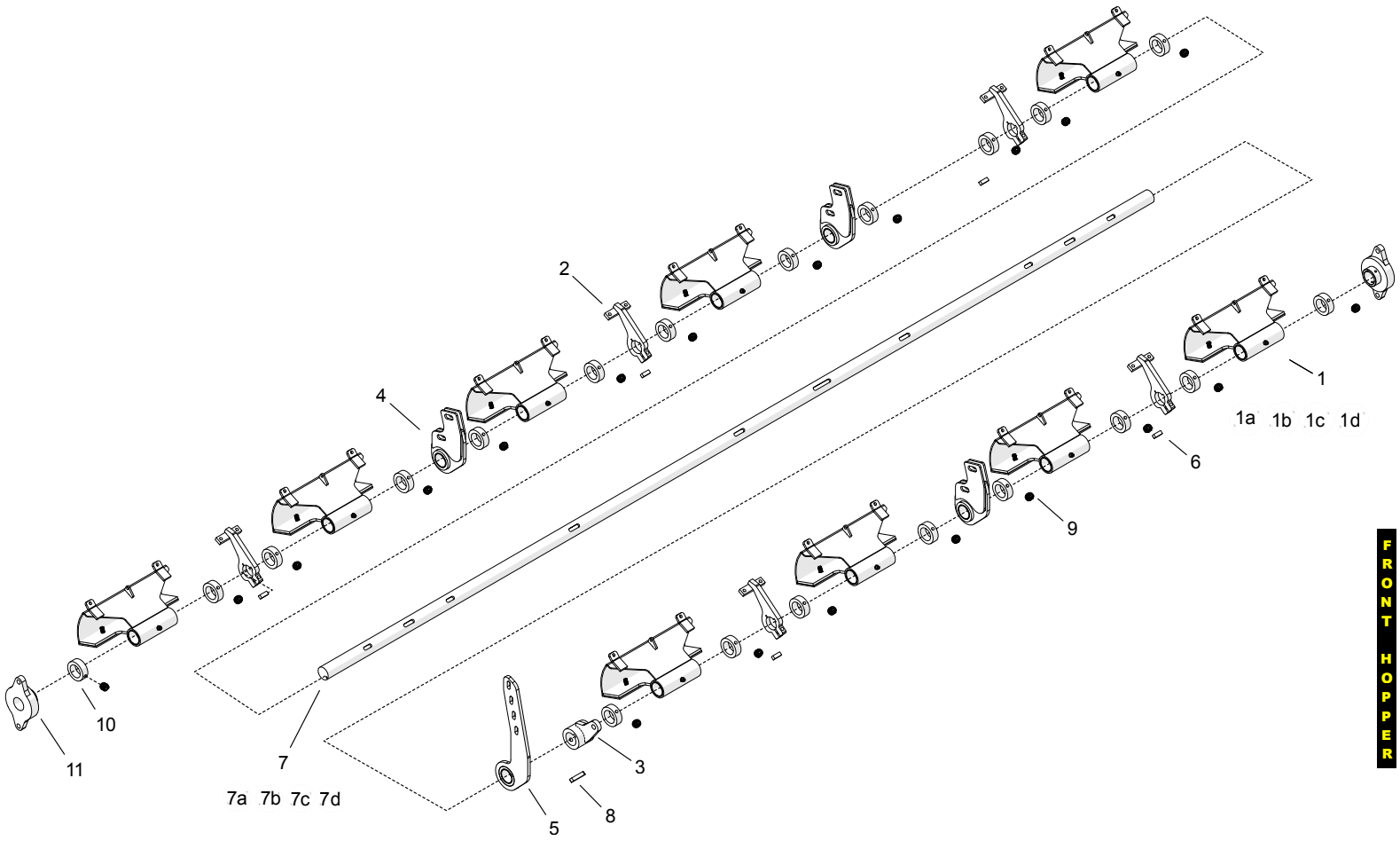
RH Hopperette Asm - VIEW 3



REF	PART NO.	QTY	DESCRIPTION
1a	3143546	1	GATE BUSSBAR ASM, 9'
1b	3143188	1	GATE BUSSBAR ASM, 10'
1c	3143514	1	GATE BUSSBAR ASM, 11'
1d	3143113	1	GATE BUSSBAR ASM, 12'
2	3145575	4	CYLINDER MOUNT WMT,'20
3a	3145020	1	FLAT-SUPT,ROLLER TRACK, 9'VAR
3b	3145019	2	FLAT-SUPT,ROLLER TRACK, 10' VAR
3c	3145018	1	FLAT-SUPT,ROLLER TRACK, 11'VAR
3d	3145017	1	FLAT-SUPT,ROLLER TRACK, 12'VAR
4	6603333	1	CYLINDER-HYD, 2"B X 3" STROKE
5	0187870	31	SCREW-SQHD, 0.38"NC X 1.5", CUP, PD
6	0120377	39	NUT-HEX, 0.38"NC, PD
7	0120378	4	NUT-HEX, 0.50"NC, PD
8	0120382	40	WASHER-LOCK, 0.38", SPRING, PD
10	6002950	1	SCREW-HEX, 0.5"NC X 2.0", GR8 PD
11	0180126	4	SCREW-HEX, 0.38"NC X 1.5", GR5, PD
12	0120384	4	WASHER-LOCK, 0.5", SPRING, PD
13	0180177	4	SCREW-HEX, 0.5"NC X 1.5", GR5, PD
14	0274517	44	WASHER-FLAT, 0.375, B, PD
15	0180120	4	SCREW-HEX, 0.38"NC X 0.75", GR5, PD
16	0120390	4	WASHER-FLAT, 0.50A, W, PD
17	6100276	6	NUT-FLANGED,1/2-13NC,29LF1213
18	6100712	6	BOLT-CARRIAGE, GR5, 0.5"NC X 1.5"
19	0120238	1	NUT-HEX,JAM,0.50NC,PD
20	0180130	5	CAPSCREW-GR 5, 0.375 UNC X 2.00 LG
21	6001062	32	SCREW-HEX,0.38NCX1.00,GR8,PD

Gate Bussbar Assembly

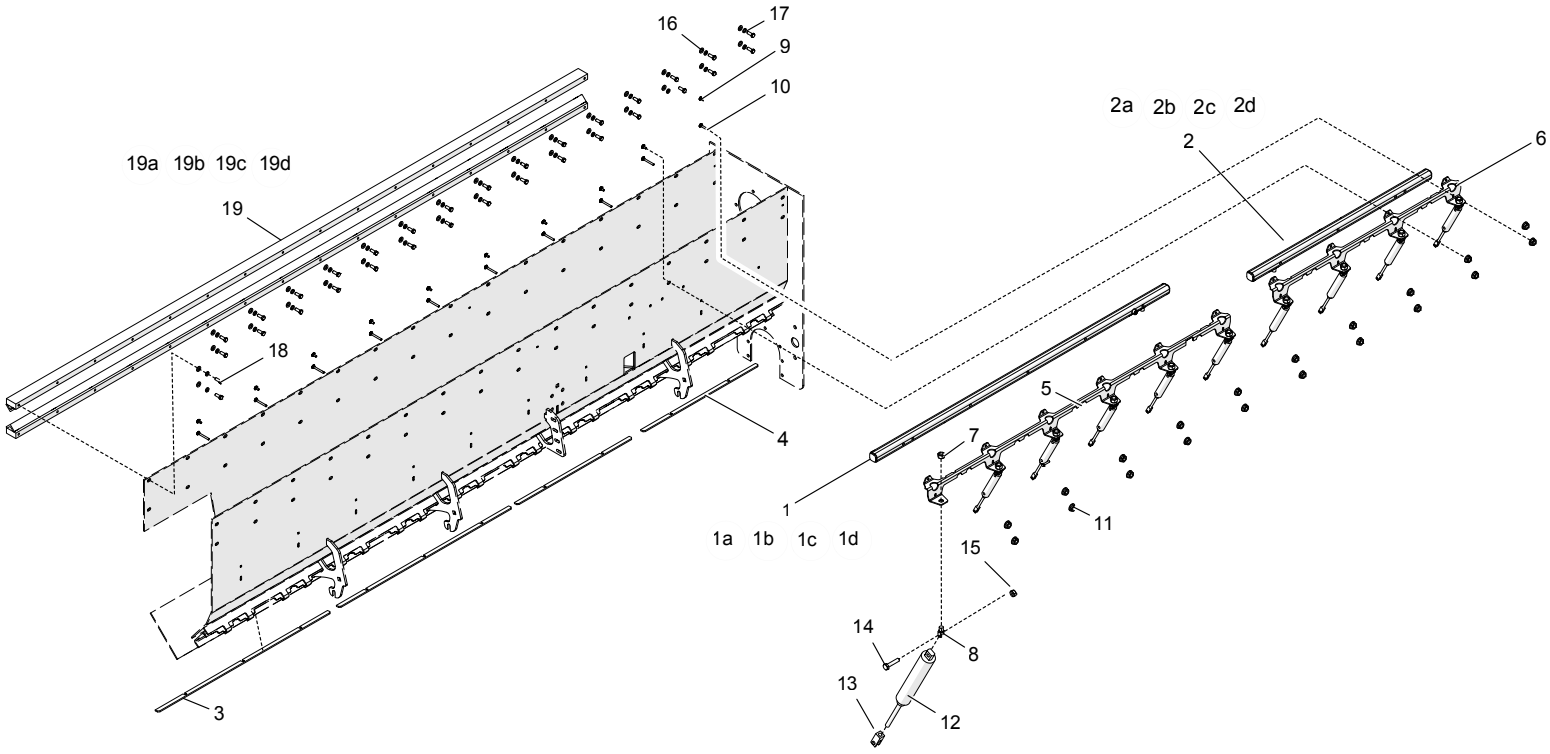
From *Hopperette Asm - VIEW 3*



REF	PART NO.	QTY	DESCRIPTION
1	*******		GATE ASSY-12-1/4"
1a	→3142774	9	FOR 9' V/H
1b	→3142774	10	FOR 10' V/H
1c	→3142774	11	FOR 11' V/H
1d	→3142774	12	FOR 12' V/H
2	3142782	5	BUSS ARM ASM-DOUBLE,KEYED
3	3142784	1	ARM-GATE CYL,KEYED
4	3143114	3	SHAFT SUPT ASM-GATE BUS,11CHIP
5	3144294	1	CENTER SUPPORT ASM,LH-11CHIP
6	3102236	5	KEY-3/8 X 3/8 X 1" LONG
7	*******	1	SHAFT-BUSS,10FT,V/H,KEYED
7a	→3144301	1	9' V/H
7b	→3144302	1	10' V/H
7c	→3144303	1	11' V/H
7d	→3144304	1	12' V/H
8	3170061	1	KEY-0.38X0.38 CRX2.00 RD END
9	6100884	20	SCREW-SET,3/8-16X3/8,CUP,PD
10	6420224	20	SET COLLAR, 1-1/2
11	6420225	2	FLANGE BRG-BALL,2 BLT,1.5

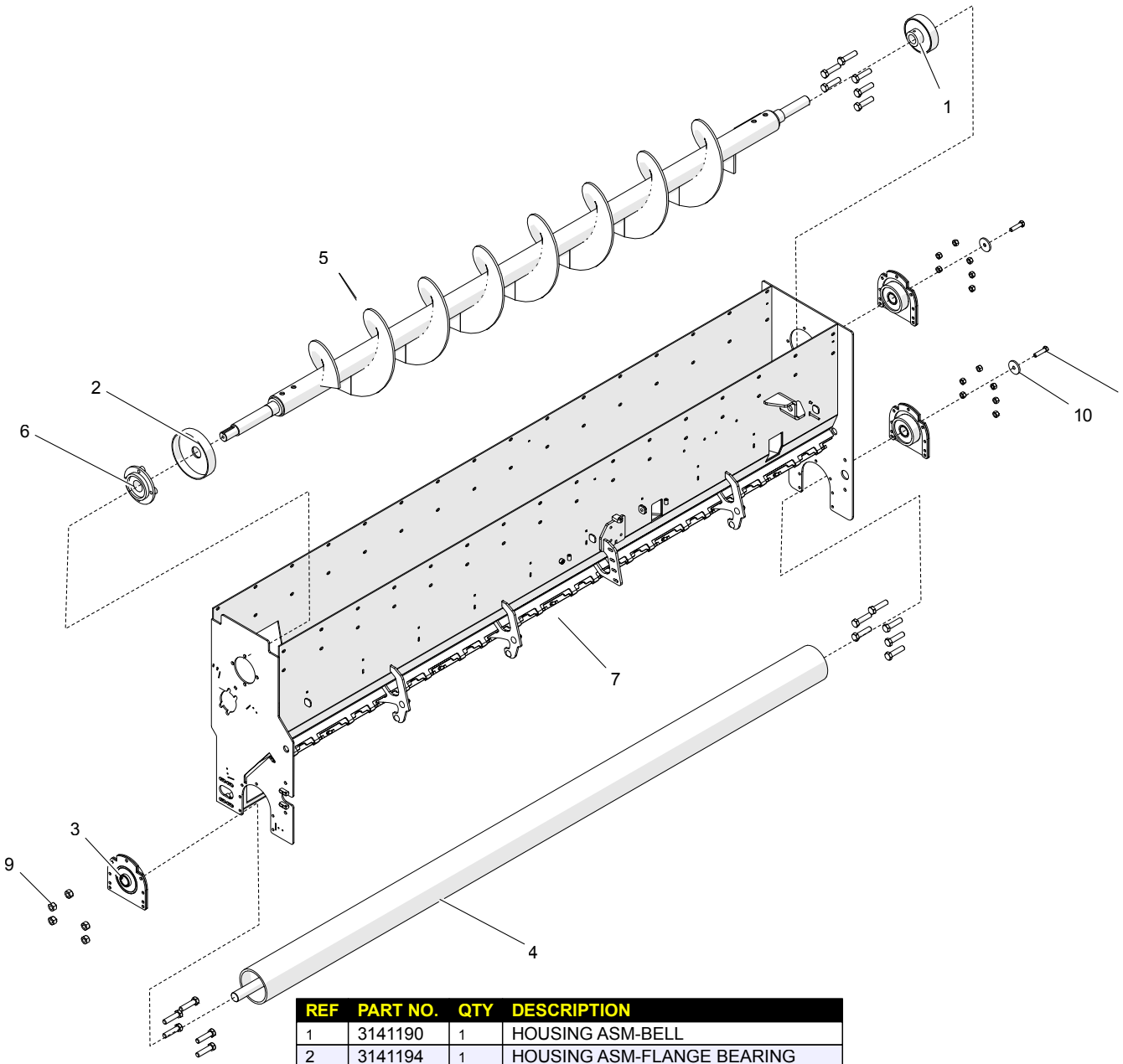
RH Hopperette Asm - VIEW 4

FRONT HOPPER



REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	*******	1	HEADER WMT	9	6100710	10	BOLT-CARRIAGE, GR5, 1/4"NC X 5/8"
1a	→3143515	1	5 AIR CYL, 09 CHIP	10	6100711	10	BOLT-CARRIAGE, GR5, 0.25"NC X 2.25"
1b	→3143118	1	6 AIR CYL, 10 CHIP	11	6100713	20	NUT-FLANGED, 1/4-20NC
1c	→3143515	1	5 AIR CYL, 11 CHIP	12	6602338	10	CYLINDER-AIR, 1.06 X 3, DBL ACT
1d	→3143118	1	6 AIR CYL, 12 CHIP	13	6602339	10	CLEVIS-ROD, CYL
2	*******	1	HEADER WMT	14	0180024	10	CAPSCREW-GR 5, 0.250 UNC X 1.25 LG
2a	→3143190	1	4 AIR CYL, 09CHIP	15	9413946	10	NUT-HEX, LOCK 0.250NC, PD
2b	→3143190	1	4 AIR CYL, 10 CHIP	16	0274517	32	WASHER-FLAT,0.375,B,PD
2c	→3143656	1	6 AIR CYL, 11 CHIP	17	0120382	32	WASHER-LOCK,0.38,SPRING,PD
2d	→3143656	1	6 AIR CYL, 12 CHIP	18	6001062	32	SCREW-HEX,0.38NCX1.00,GR8,PD
3	3142316	2	PL-ADJUST, SEAL, GATE, 36.75"	19	*******	2	ROLLER TRACK ASM-HOPPER
4	3142365	2	PLATE-ADJUST, SEAL, GATE, 24.5"	19a	→3145293	2	9' V/H
5	3143525	1	BRACKET-6 CYL AIR HDR	19b	→3145292	2	10' V/H
6	3143526	1	BRACKET-4 CYL AIR HDR	19c	→3145290	2	11' V/H
7	9413948	10	NUT-HEX, LOCK 0.625NC, PD	19d	→3145402	2	12' V/H
8	3144557	10	CLEVIS-BASE, CYL, THREADED				

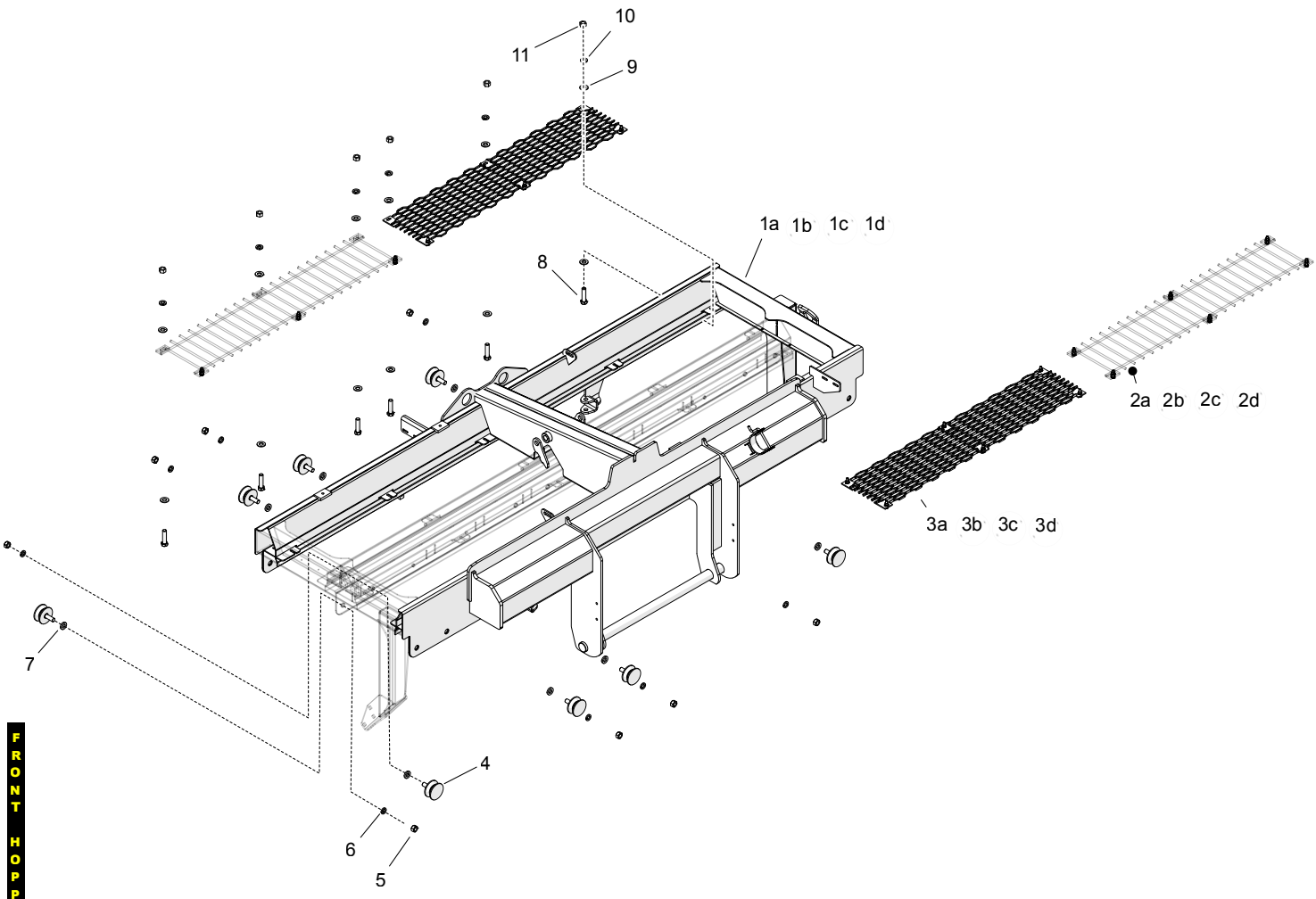
RH Hopperette Asm - VIEW 5



FRONT HOPPER

REF	PART NO.	QTY	DESCRIPTION
1	3141190	1	HOUSING ASM-BELL
2	3141194	1	HOUSING ASM-FLANGE BEARING
3	3142547	3	BRG/HOUSING ASSY-SPREADROLL
4	3142518	1	SPREADROLL ASM-9 FT
4	3142610	1	SPREADROLL ASM-10 FT
4	3142609	1	SPREADROLL ASM-11 FT
4	3142608	1	SPREADROLL ASM-12 FT
5	3142665	1	AUGER ASM-9FT,12IN DIA,3/8,RH
5	3142666	1	AUGER ASM-10FT,12IN DIA,3/8,RH
5	3142667	1	AUGER ASM-11FT,12IN DIA,3/8,RH
5	3142668	1	AUGER ASM-12FT,12IN DIA,3/8,RH
6	6420192	1	ROLLER TRACK ASM-HOPPER,10'VAR
7	10002205	1	HOPPERETTE WMT-9/18, RH
7	3145689	1	HOPPERETTE WMT-10/20, RH
7	10008498	1	HOPPERETTE WMT-11/22, RH
7	3145569	1	HOPPERETTE WMT-12/24, RH
8	0180126	19	SCREW-HEX, 0.38"NC X 1.5", GR5, PD
9	0274993	17	NUT-HEX, LOCK, 0.375"NC, PD
10	3140404	2	DISC-SHAFT END, HOPPER

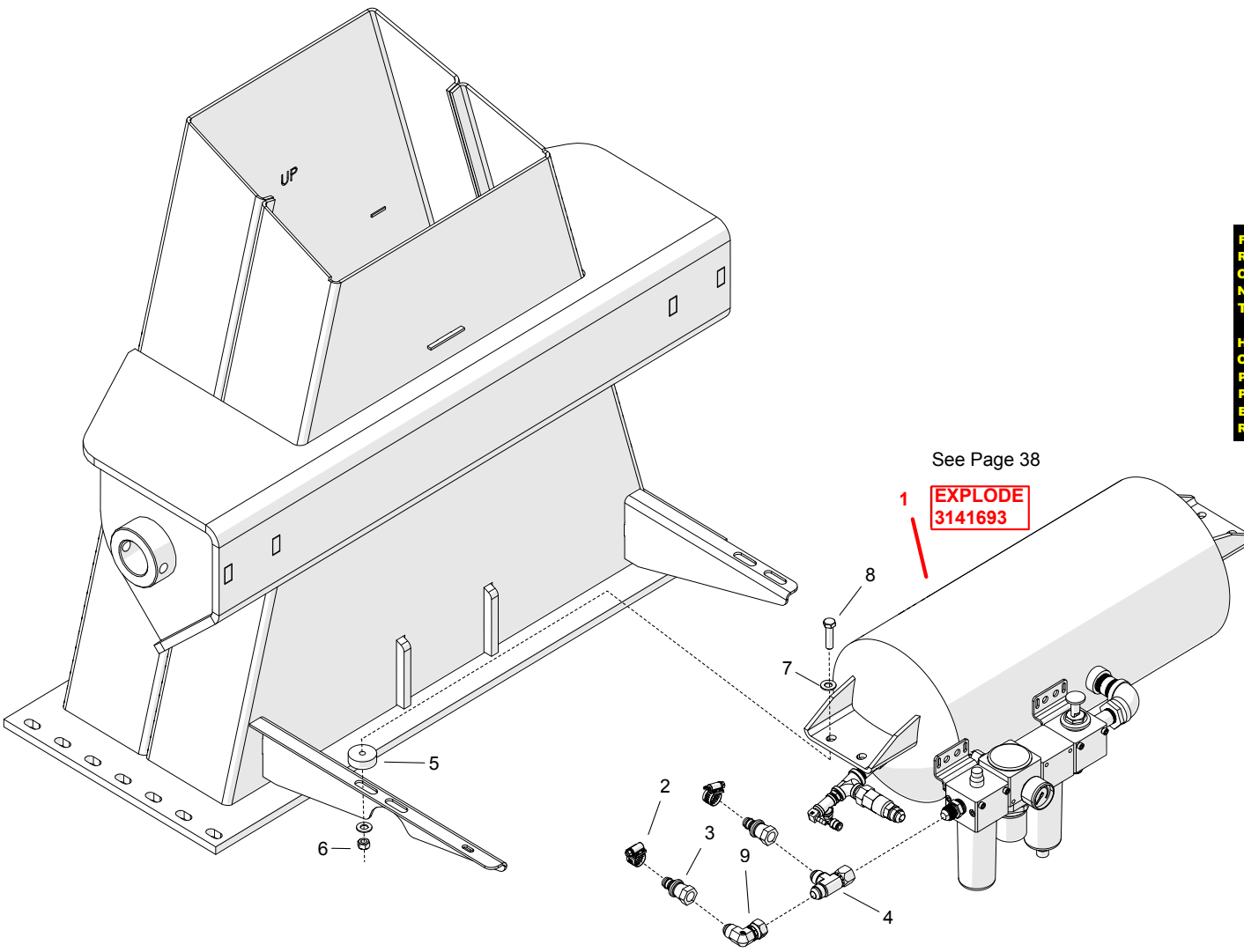
Center Hopper



REF	PART NO.	QTY	DESCRIPTION
1a	3145412	1	FRAME WELDMENT, 9' V/H
1b	3145416	1	FRAME WELDMENT, 10' V/H
1c	3145422	1	FRAME WELDMENT, 11' V/H
1d	3145428	1	FRAME WELDMENT, 12' V/H
2a	3143550	2	GRATE ASM-HPR FRM, 9' V/H
2b	3143199	2	GRATE ASM-HPR FRM, 10' V/H
2c	3143519	2	GRATE ASM-HPR FRM, 11' V/H
2d	3143157	2	GRATE ASM-HPR FRM, 12' V/H
3a	3144058	2	SCREEN ASM, 9' V/H
3b	3143645	2	SCREEN ASM, 10' V/H
3c	3143958	2	SCREEN ASM, 11' V/H
3d	3143689	2	SCREEN ASM, 12' V/H
4	6435459	8	ROLLER-V GROOVED LOAD RUNNER
5	0426099	8	NUT-HEX,0.75NF,PD
6	0131046	8	WASHER-LOCK, SPRING, 0.75
7	3142368	8	SPACER-1/4",V-GROOVE ROLLER
8	0180126	24	SCREW-HEX,0.38NCX1.50,GR5,PD
9	0274517	48	WASHER-FLAT,0.375,B,PD
10	0120382	24	WASHER-LOCK,0.38,SPRING,PD
11	0120377	24	NUT-HEX,0.38NC,PD

VIEW B

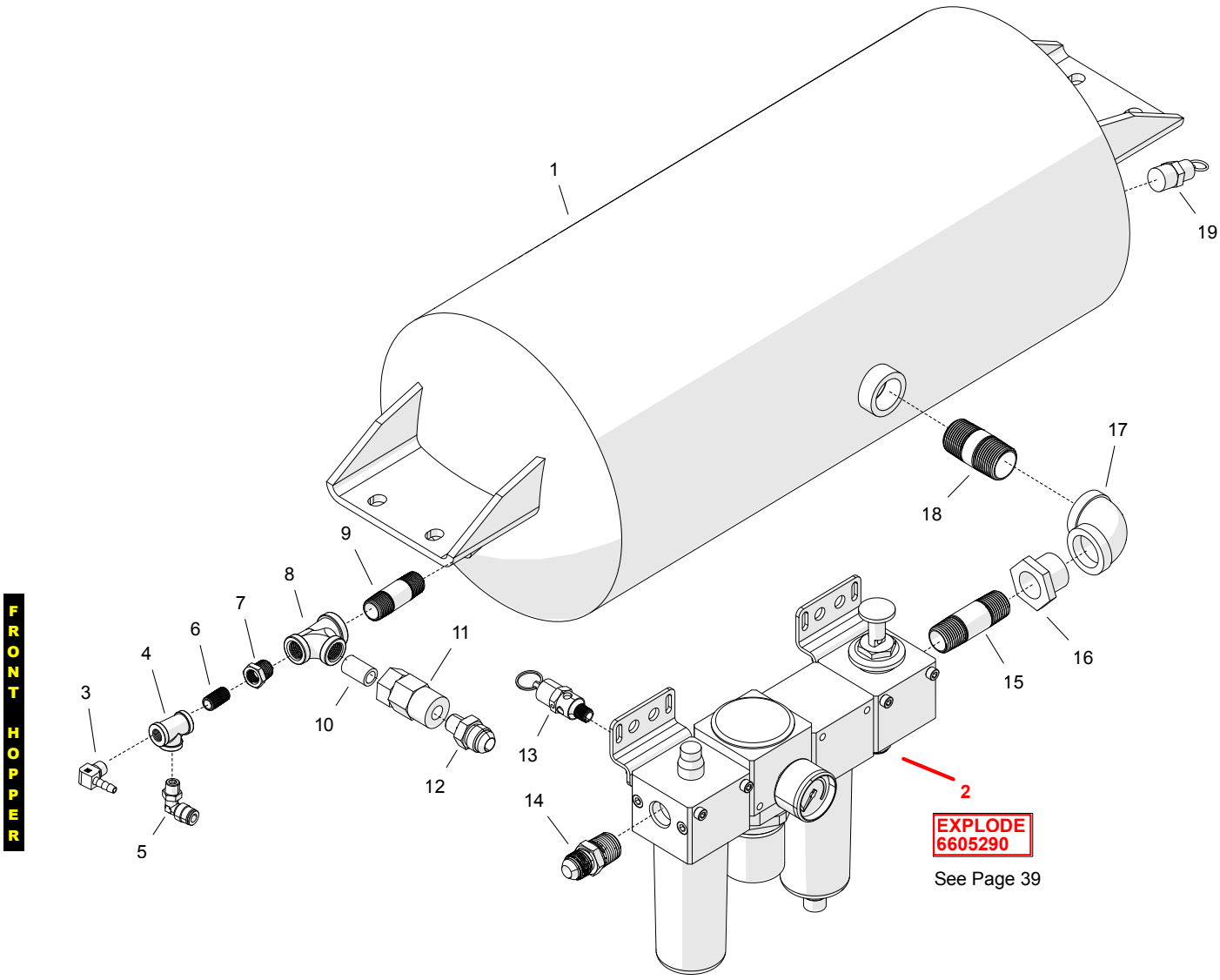
From *Hopper Assembly Install*



REF	PART NO.	QTY	DESCRIPTION
1	3141693	1	RESERVOIR ASM-AIR, IND GATES
2	6001120	2	CLAMP-HOSE, SCREW TYPE, NO. 8
3	6604464	2	HOSE END-06X08FJX,ST,LPSP
4	9410333	1	TEE-HYDR,08MJ-08FJX-08MJ
5	6000455	4	BUSHING-0.31X0.53,ATL IND#1530
6	0274993	4	NUT-HEX,LOCK 0.375NC,PD
7	0274517	8	WASHER-FLAT,0.375,B,PD
8	0180126	4	SCREW-HEX,0.38NCX1.50,GR5,PD
9	9410281	1	ELBOW-HYDR,90,08FJX-08MJ

Reservoir Asm-Air, Ind. Gates

3141693 - From *VIEW B*

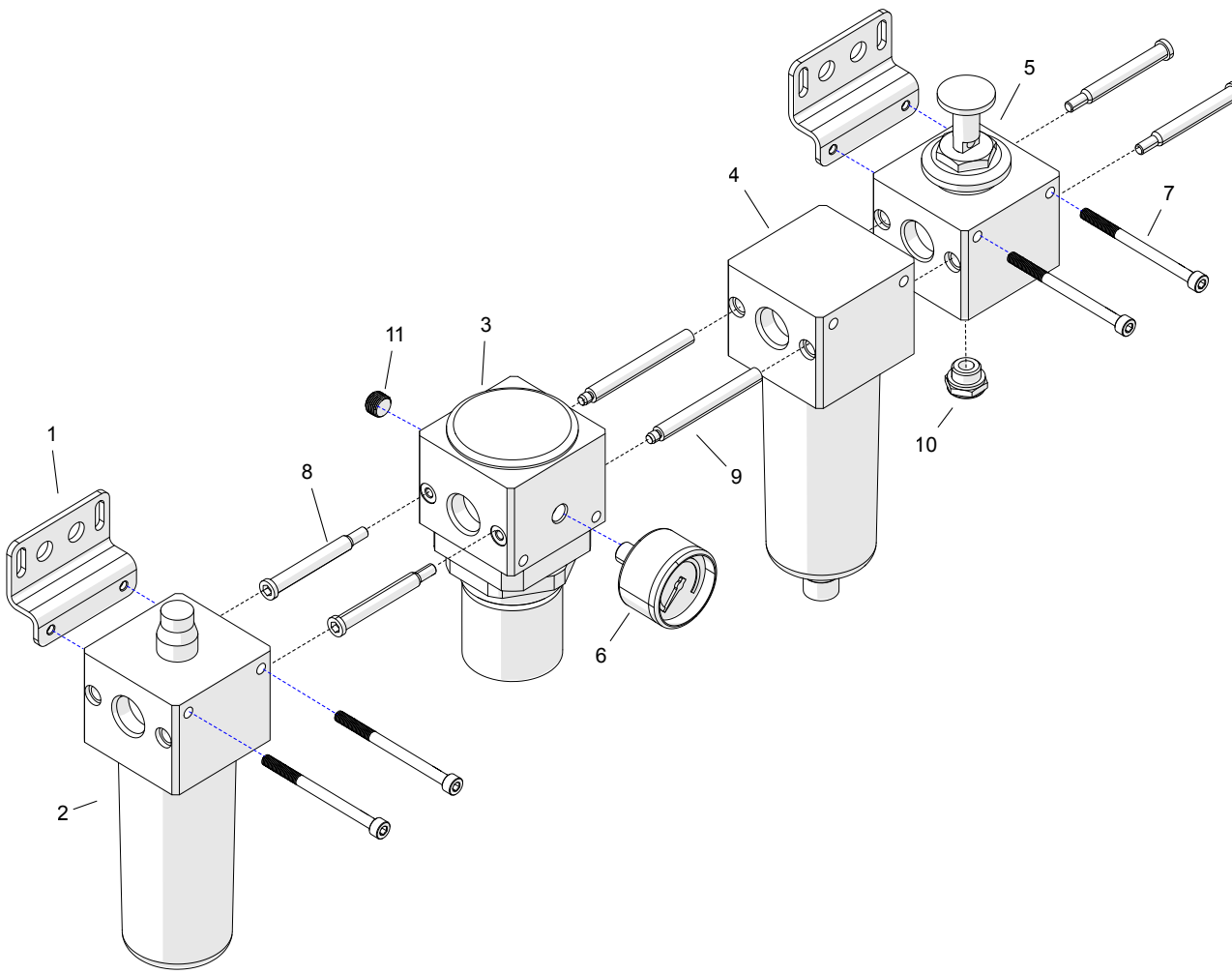


See Page 39

REF	PART NO.	QTY	DESCRIPTION
1	6450357	1	RESERVOIR-AIR 9.69 X 22.5
2	6605290	1	AIR OILER/WATER SEPARATOR
3	6602242	1	HOSE END-3/16HOEX1/8MPT,90
4	0144082	1	TEE-PIPE,0.12,GALV#
5	6603831	1	ELBOW-ARBK,90,02MP-04T,PD
6	0142868	1	NIPPLE-PP,SCH 40,0.12X0.75,PD
7	0144035	1	BUSHING-PIPE,0.25X0.12NPT,PD
8	0218240	1	TEE-PIPE,0.38X0.25X0.25NPT,PD
9	0188126	1	NIPPLE-PP,SCH 40,0.38X2.00,PD
10	0192050	1	NIPPLE-SCH 40,0.25X0.87 CL,PD
11	6600963	1	VALVE-CHECK,SINGLE,.25NPT
12	Q6602192	1	ADAPTER-HYDR,ST,08MJ-04MP
13	6605331	1	VALVE-AIR,SAFETY,100PSI,1/8NPT
14	9402709	1	ADAPTER-HYDR,ST,08MJ-08MP
15	0192077	1	NIPPLE-PP,SCH 40,0.50X2.50,PD
16	0144042	1	BUSHING-PIPE,0.75X0.50NPT,PD
17	0144129	1	ELBOW-PIPE,90,0.75NPT,PD
18	0190717	1	NIPPLE-PP,SCH 40,0.75X2.00,PN
19	6600299	1	VALVE-AIR,SAFETY,150PSI,3/8NPT

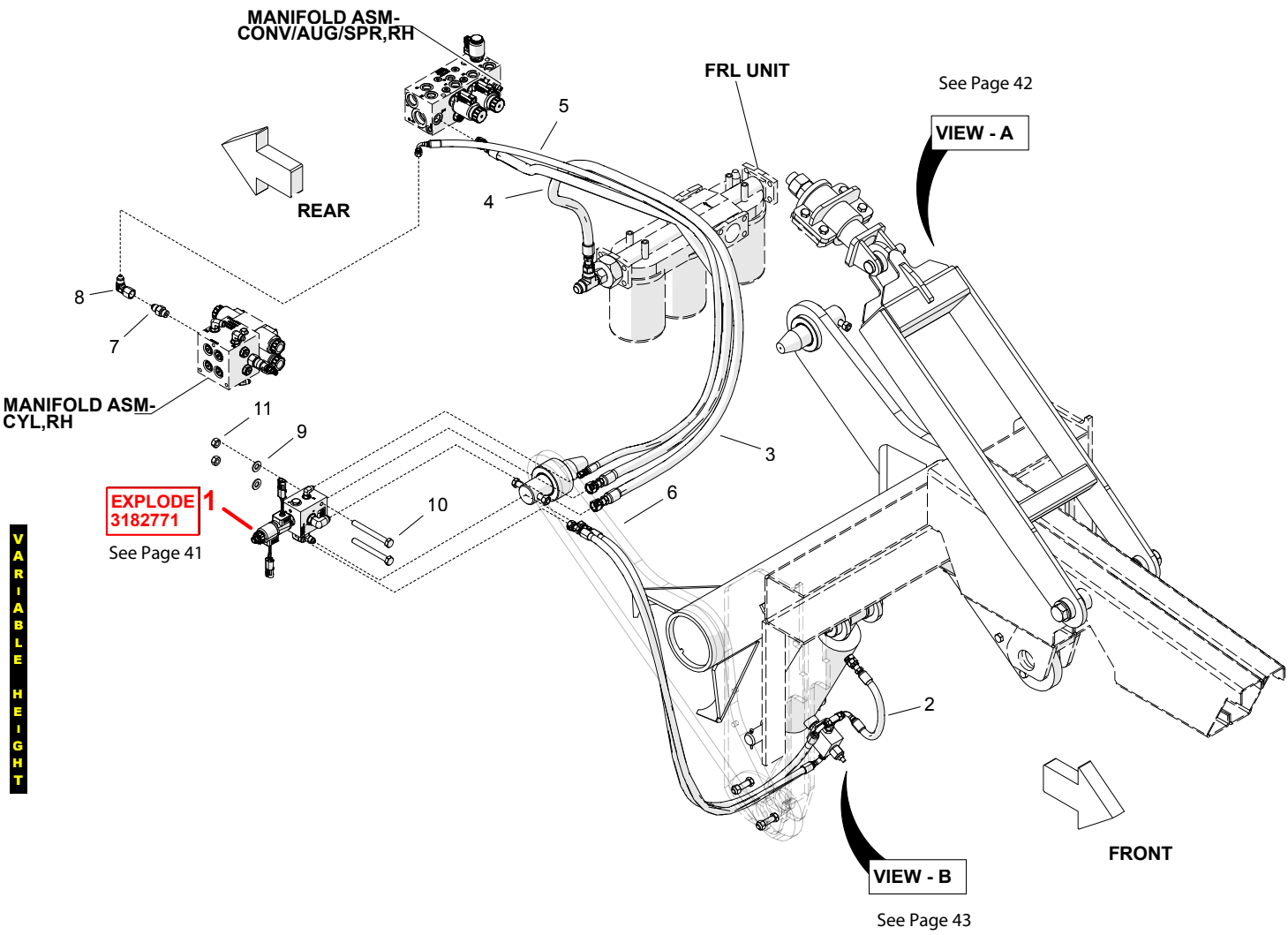
Air Oiler/Water Separator

6605290 - From *Reservoir Asm*



REF	PART NO.	QTY	DESCRIPTION
1	7051676	2	BRACKET-MOUNT,FILTER/LUB
2	7051674	1	1/2"LUBRICATOR,FILTER/LUB
3	7051673	1	REGULATOR-AIR, ADJ 0-125 PSI
4	7051675	1	1/2"FILTER W/DRAIN,FILTER/LUB
5	7051672	1	SAFTY LOCKOUT-1/2",3/2 WAY
6	7051680	1	GAUGE-AIR,0-160PSI,1/8NPT
7	7051682	4	SCREW-SHCS,M5X0.8X65MM,ZINC
8	7051678	4	SCREW-SOCK,M5X0.8X59.5MM
9	7051679	2	TIE ROD-FILTER REGULATOR
10	7051677	1	EXHAUST-BRASS SILENCER
11	Q015483	1	PLUG-PIPE 1/8 HEX SOCKET

Variable Height Group

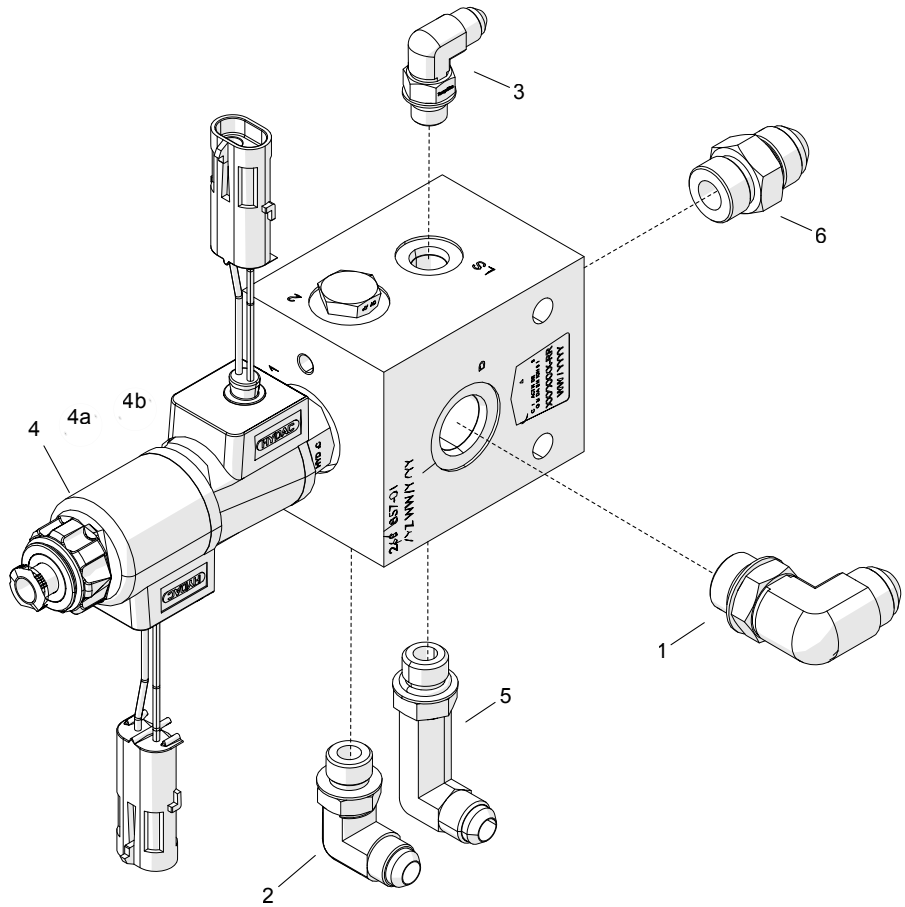


VARIABLE HEIGHT

REF	PART NO	QTY	DESCRIPTION
1	3182771	1	MANIFOLD ASSY-VARIABLE HEIGHT
2	3181992	1	HOPPER R/L RETRACT TO C/B VALVE PORT 3,BIG
3	3182244	1	HOPPER VALVE 3 TO FILTER
4	3182262	1	RH MOTOR BLOCK PA2 TO HOPPER RAISE BLOCK 5
5	3182261	1	HOPPER RAISE BLOCK 1 TO GATE BLOCK LS
6	3181991	2	HOPPER RAISE/LOWER,BIG
7	9410200	1	ADAPTER-HYDR,ST,4MB-4MJ
8	9410278	1	ELBOW-HYDR,90,04FJX-04MJ
9	0446363	2	WASHER-FLAT,0.31A(0.38X0.88)PD
10	0189298	2	SCREW-HEX,0.31NCX4.00,GR5,PD
11	0120376	2	NUT-HEX,0.31NC,PD

Manifold Assembly

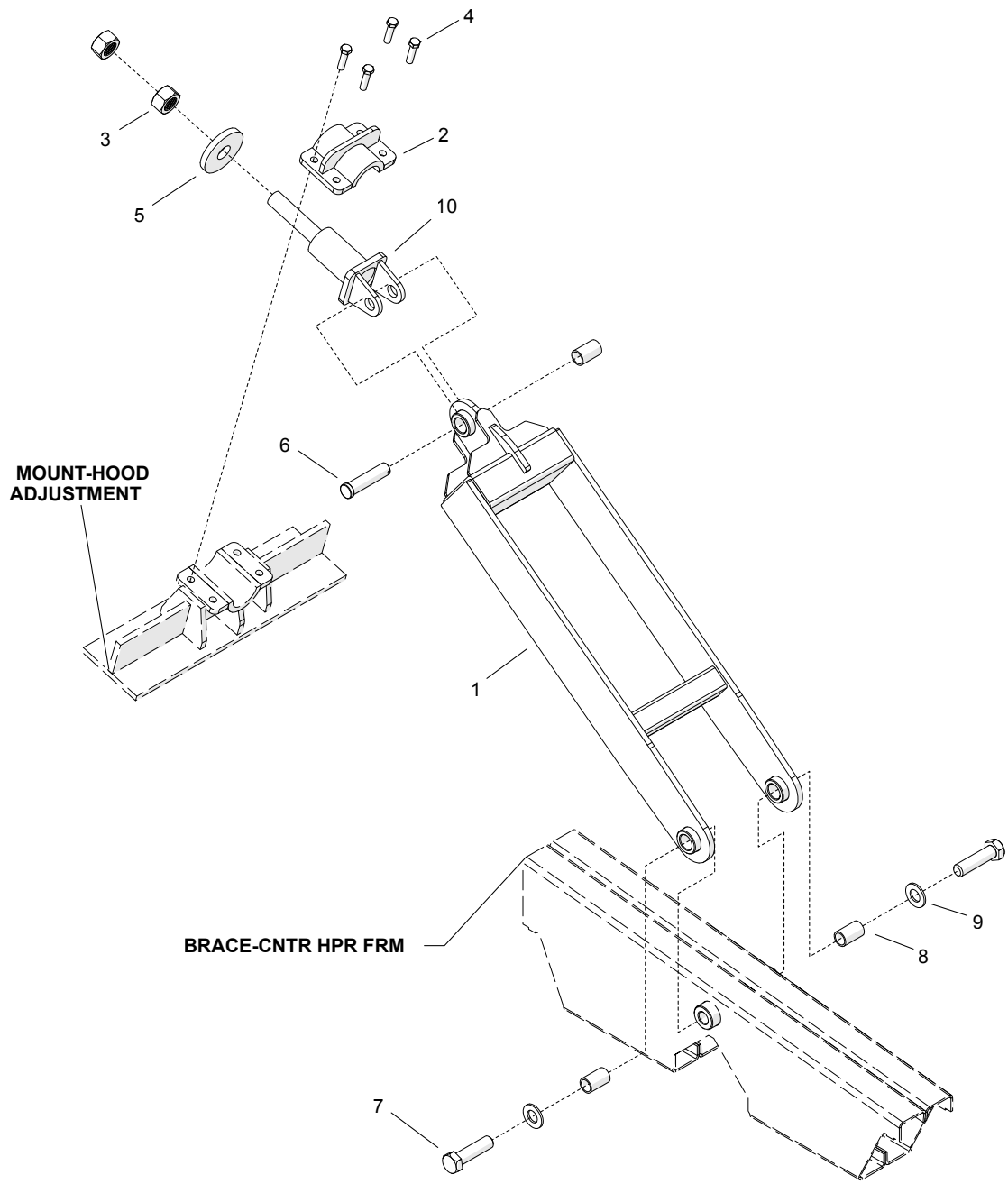
3182771 From *Variable Height Group*



REF	PART NO	QTY	DESCRIPTION
1	3182772	1	ELBOW,90,08MB-08MJ,.070" ORIF
2	9410976	1	ELBOW-HYDR,90,06MB-06MJ
3	6603039	1	ELBOW-HYDR,90,04MB-04MJ
4	6604986	1	VALVE-SOL,3POS/4WAY,LS,CHECK
4a	→7051312	1	VALVE-CART,3POS/4WAY,CLOSE CTR
4b	→7050259	1	COIL-REPLACEMENT
5	6605074	1	ELBOW-HYDRA,LONG,06MB-06MJ
6	9410203	1	ADAPTER-HYDR,ST,08MB-08MJ

VIEW A

From *Variable Height Group*

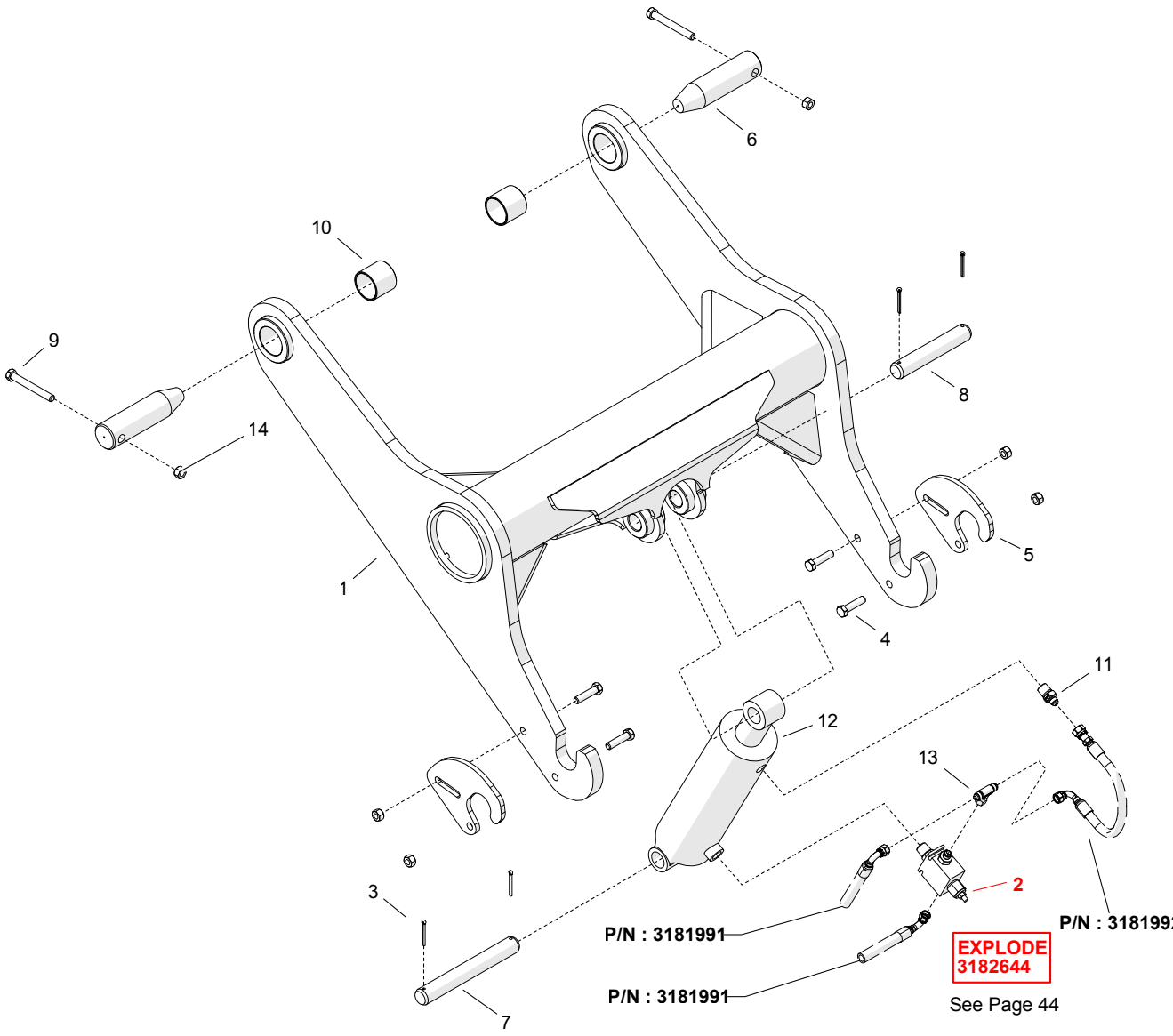


VARIABLE HEIGHT

REF	PART NO	QTY	DESCRIPTION
1	3143882	1	LIFT ARM-HOPPER,2011 CHP
2	3143413	1	STRAP-CLEVIS MOUNT
3	0220095	2	NUT-HEX,1.25NC,GR5,PD
4	0455001	4	SCREW-HEX, 0.50NC X 2" GR8 PD
5	3143414	1	WASHER-HOOD ADJUSTMENT SCREW
6	6002016	1	PIN-CLEVIS,1"X3.7 USEABLE
7	6002614	2	SCREW-HEX,1.00NCX3.75 GR8,PD
8	6420260	3	BEARING-SLEEVE,1X1 1/4X2LG
9	Q015133	2	WASHER,FLAT 1"
10	3143408	1	CLEVIS WMT-HOOD ADJUST

VIEW B

From *Variable Height Group*

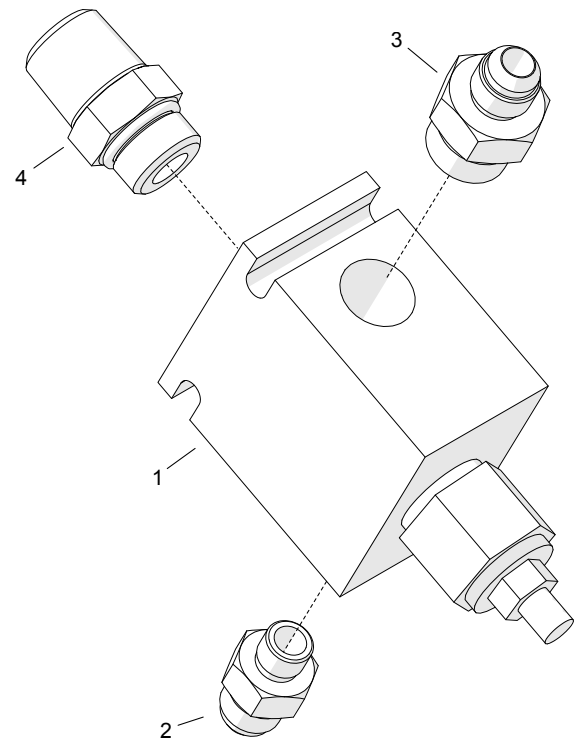


See Page 44

REF	PART NO	QTY	DESCRIPTION
1	3143593	1	LIFT ARM WMT-FRT HOPPER,2011
2	3182644	1	MANIFOLD ASSY-COUNTERBALANCE
3	0103411	4	PIN-COTTER,0.19X2.00,PD
4	0455001	4	SCREW-HEX, 0.50NC X 2" GR8 PD
5	3143285	2	PLATE-LATCH,CARRY SHAFT
6	3143288	2	PIN-2.000 X 5.50
7	3144281	1	PIN 1 1/4 DIA. X 9 1/2 LG.
8	3144282	1	PIN 1 1/4 DIA. X 7 1/8 LG.
9	6100339	2	SCREW-HEX,0.50NCX4.00,GR5,PD
10	6420077	2	BUSHING-BRZ,2.00X2.25X2.00 LG
11	6601491	1	ADAPTER-HYDR,ST,06MJ-08MP
12	6602660	1	CYLINDER-HYD,4.0X8.0
13	9410332	1	TEE-HYDR,06MJ-06FJX-06MJ
14	9411727	6	NUT-HEX,LOCK,0.50NC,EA,PD

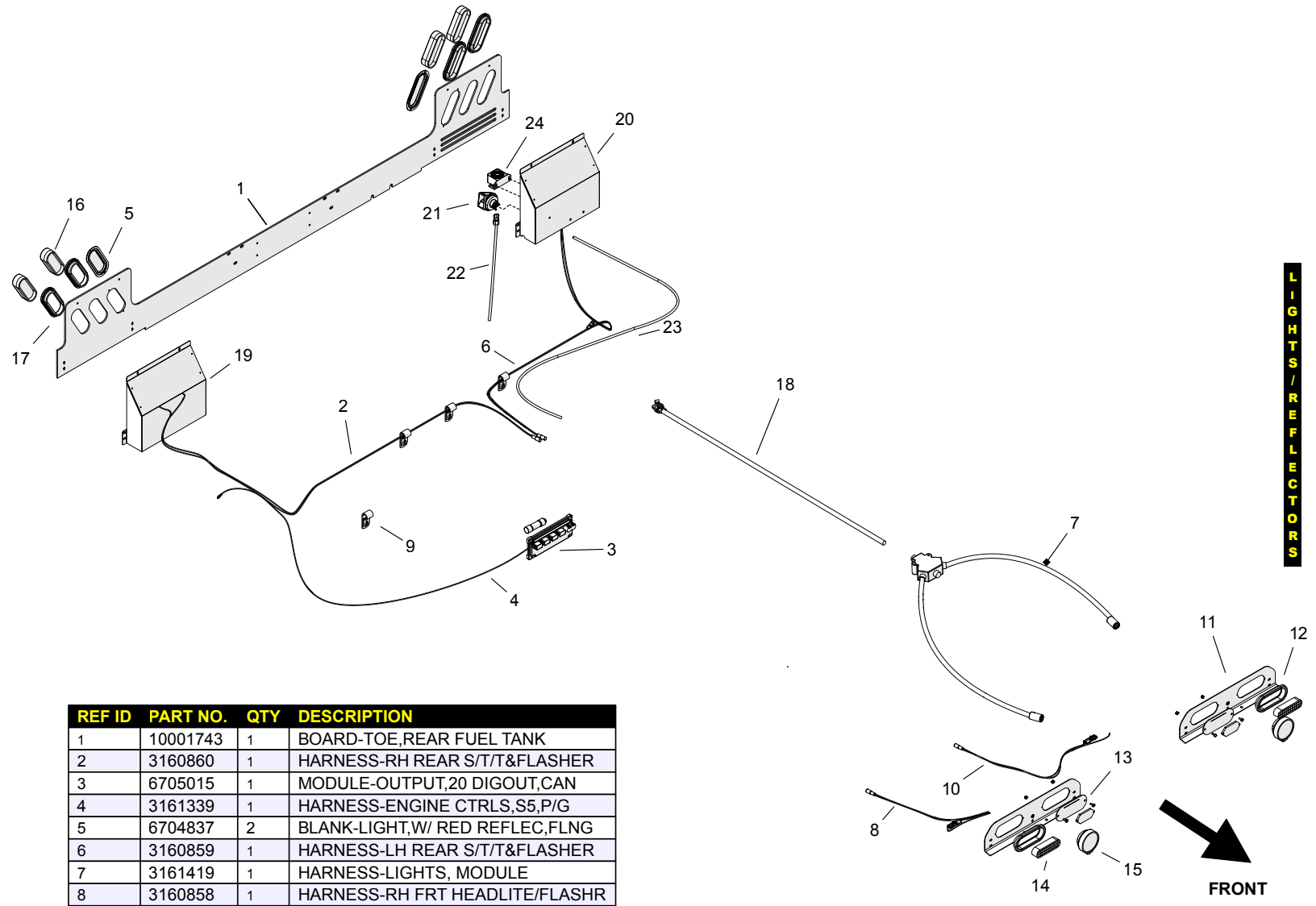
Manifold Asm - Counterbalance

3182664 From *Variable Height Group - VIEW B*



REF	PART NO	QTY	DESCRIPTION
1	6604870	1	VALVE-COUNTERBALANCE,10GPM
2	6602721	1	ADAPTER-HYDR,ST,04MB-06MJ
3	6602133	1	ADAPTER-HYDR,ST,8MB-6MJ
4	6604864	1	ADAPTER-HYDR,ST,08MB-08MP

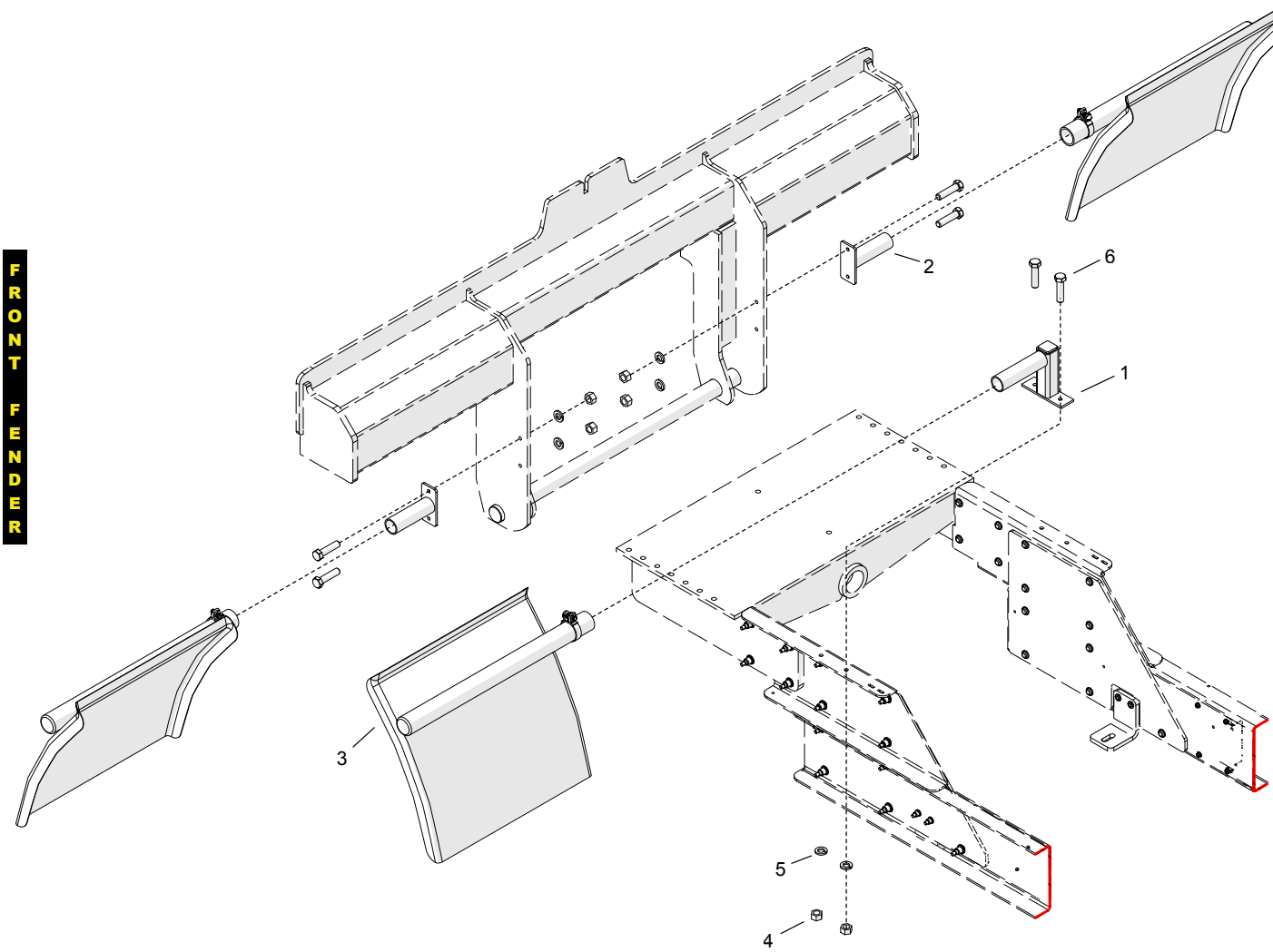
Lights-Reflectors-Horn-Alarm



REF ID	PART NO.	QTY	DESCRIPTION
1	10001743	1	BOARD-TOE,REAR FUEL TANK
2	3160860	1	HARNESS-RH REAR S/T/T&FLASHER
3	6705015	1	MODULE-OUTPUT,20 DIGOUT,CAN
4	3161339	1	HARNESS-ENGINE CTRLS,S5,P/G
5	6704837	2	BLANK-LIGHT,W/ RED REFLEC,FLNG
6	3160859	1	HARNESS-LH REAR S/T/T&FLASHER
7	3161419	1	HARNESS-LIGHTS, MODULE
8	3160858	1	HARNESS-RH FRT HEADLITE/FLASHR
9	6000055	6	CLAMP-.31 IN RUB TUBE
10	3160857	1	HARNESS-LH FRT HEADLITE/FLASHR
11	3105304	2	PLATE, HEADLIGHT
12	Q475295	2	GROMMET-OVAL
13	3105305	2	COVER, LIGHT PLATE, STROBE
14	6703700	2	LIGHT-STROBE,LED,60360Y TRKLT
15	6703739	2	HEADLIGHT-LED,12V,ROUND
16	6703809	4	LIGHT-OVAL,LED,S/T/T
17	Q475295	4	GROMMET-OVAL
18	3161471	1	HARNESS-OPTIONS, MOD, OUTPUT 1
19	3105302	1	WRAPPER-LIGHT BOX, REAR, RH
20	3105280	1	WRAPPER-LIGHT BOX, REAR,LH
21	3161155	1	HORN ASM
22	3161491	1	HARNESS-HORN, REV ALARM
23	3161470	1	HARNESS-HITCH, MOD, OUTPUT 3
24	6705028	1	HORN-ELECTRIC,BACK UP

Front Fender Install

FRONT FENDER

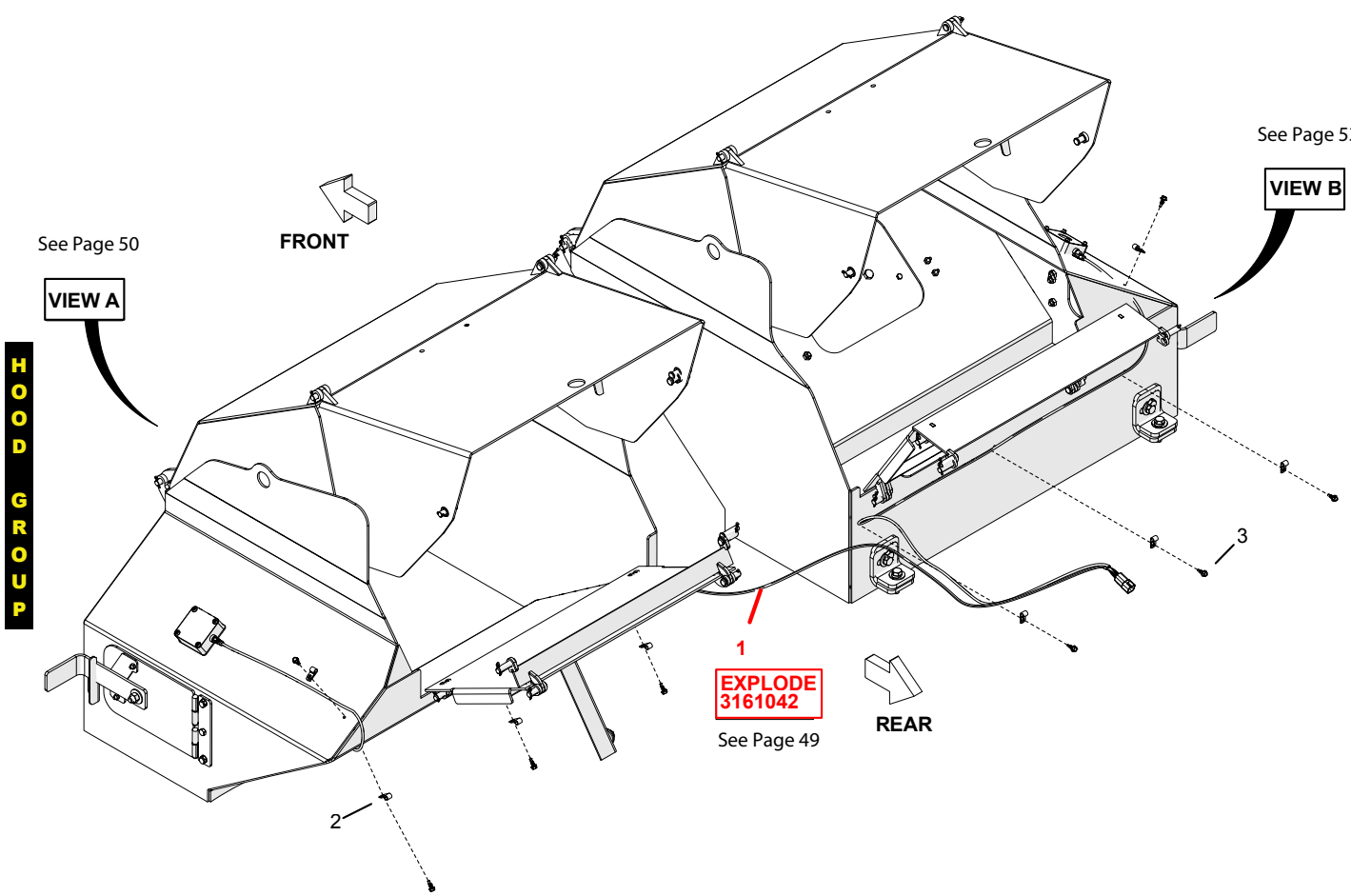


REF	PART NO	QTY	DESCRIPTION
1	3120803	1	MOUNT-QUARTER FENDER ASM
2	3143746	2	MOUNT ASM-QUARTER FENDER
3	6400363	3	QUARTER FENDER KIT-STEEL
4	0120377	6	NUT-HEX,0.38NC,PD
5	0120382	6	WASHER-LOCK,0.38,SPRING,PD
6	0180126	6	SCREW-HEX,0.38NCX1.50,GR5,PD

HOOD GROUP OPTIONS

REF	PAGE NO.		DESCRIPTION
1	48		9' - 10' VARIABLE
2	56		9' - 10' FIXED
3	63		11' - 12' VARIABLE
4	70		11' - 12' FIXED

9' - 10' Variable Hopper

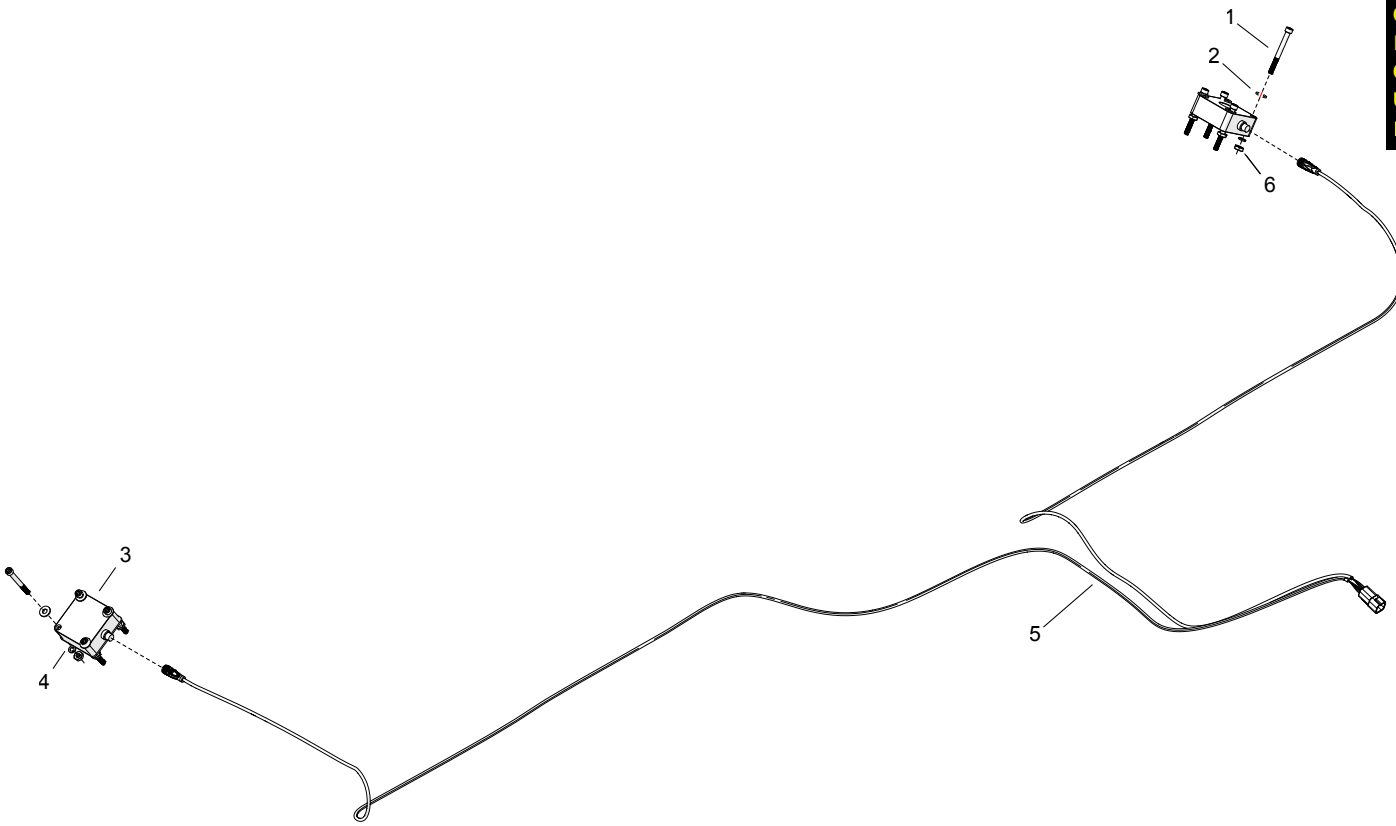


REF	PART NO.	QTY	DESCRIPTION
1	3161042	1	BIN SWITCH ASSY-SONIC CONVEYOR
2	6000055	8	CLA.31 IN RUB TUBE,BERG#1511-2
3	6002738	8	SCREW-TAP,HXHD,0.25X0.75,T,PD

Sonic Conveyor Bin Switch Asm

3161042

HOOD GROUP

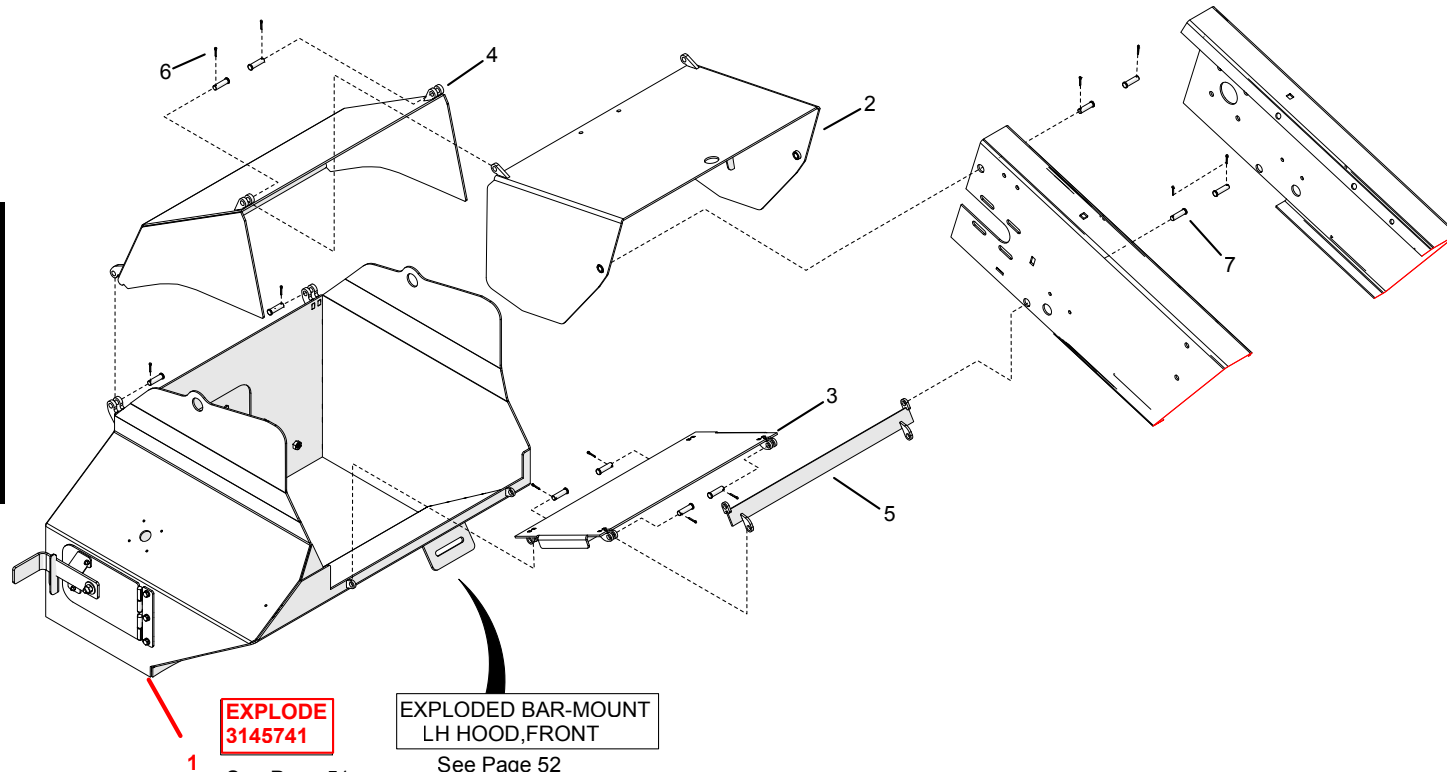


REF	PART NO.	QTY	DESCRIPTION
1	0147117	8	SCREW-HEX,SOCK,10NCX2.00,PD
2	0120391	8	WASHER-FLAT,10A(0.22X0.50)PD
3	3161250	2	SENSOR-ADJ PROX,ULTRASONIC
4	0120217	8	WASHER-LOCK,NO 10,SPRING,PD
5	6704046	2	CABLE-5 CONDUCTOR,10M,W/CONN
5a	→6704196	1	RECEPTACLE-6PIN,GRAY
5b	→6704197	1	WEDGE-LOCK,6PIN,DT SERIES
5c	→6703789	8	PIN-PIN,#16,16-18AWG,NICKEL
6	0120361	8	NUT-HEX,MACH,10/24,PD

9' - 10' Variable Hopper

VIEW A

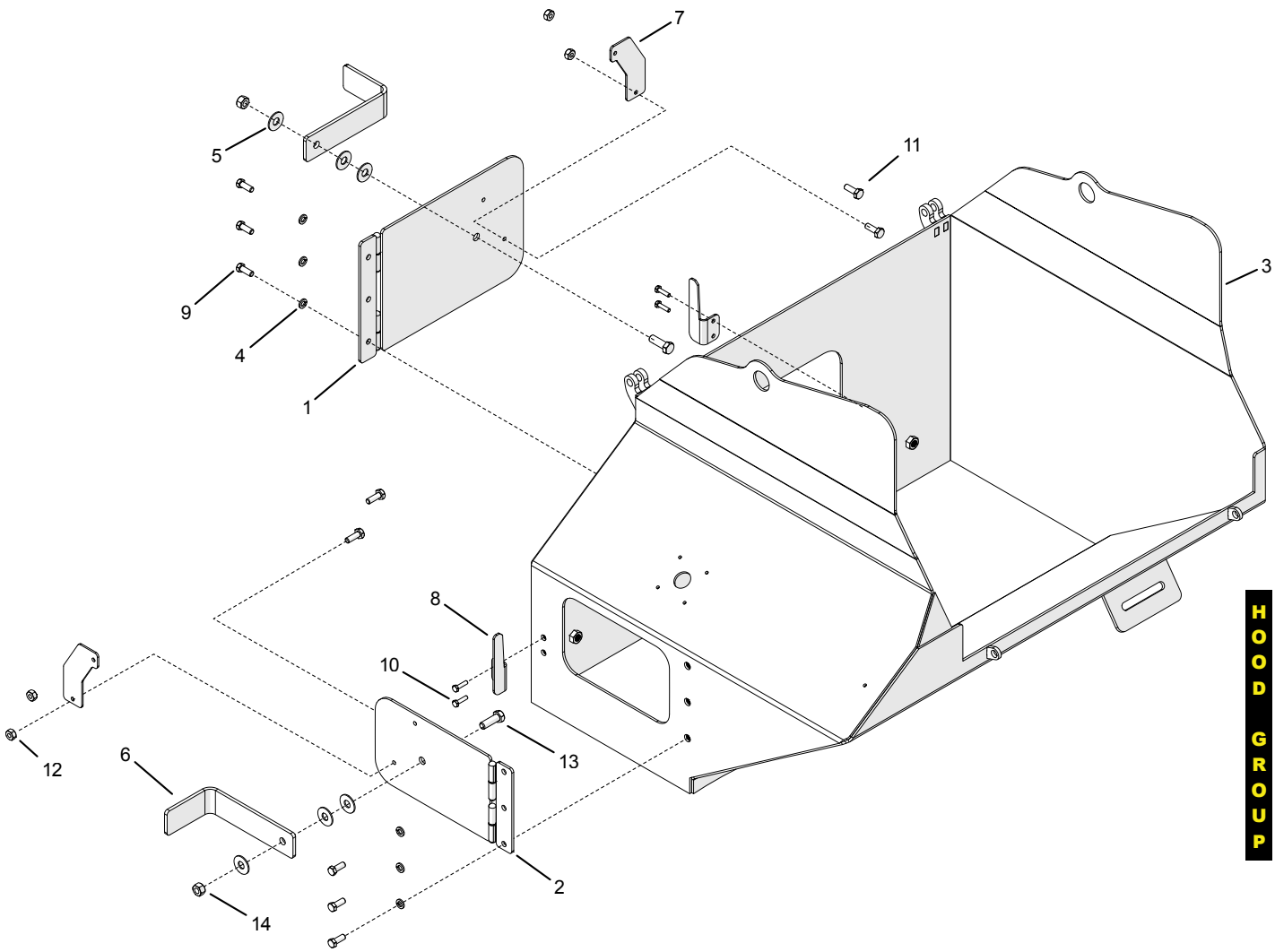
HOOD GROUP



REF	PART NO.	QTY	DESCRIPTION
1	3145741	1	HOOD ASM-LOWER LH,9/10,2021
2	3144076	1	HOOD-TOP, 2011 CHIPPER
3	3144216	1	RAMP ASM-LONG,LH HOOD
4	3144071	1	HOOD-MIDDLE, 2011 CHIPPER
5	3144044	1	RAMP ASM-SHORT,LH HOOD
6	0103384	12	PIN-COTTER,0.12X0.75,PD
7	6002143	12	PIN-CLEVIS,1/2X1 33/64 USABLE

Lower LH Hood Asm

3145741 From *9' - 10' Variable hopper - VIEW A*

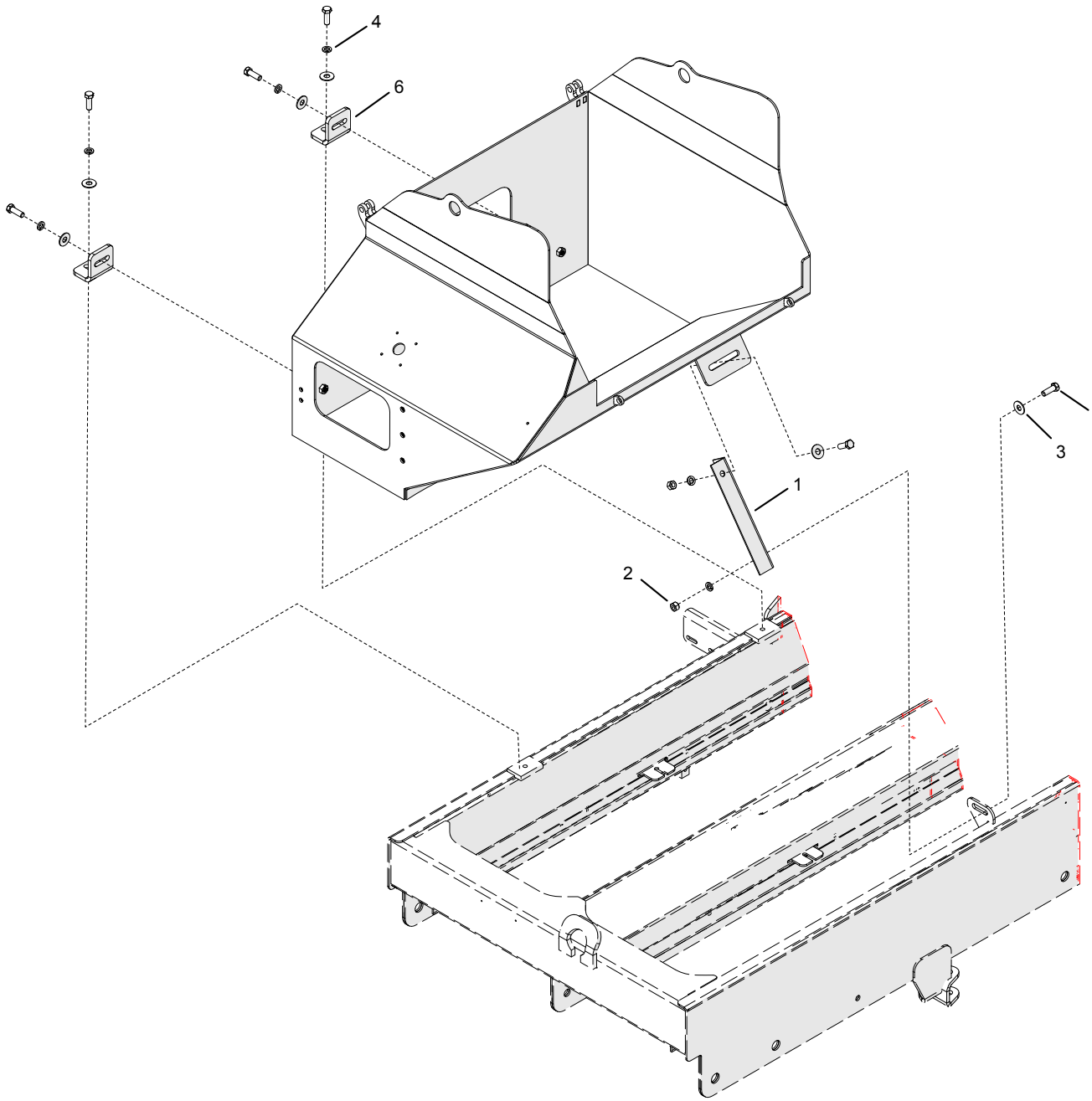


HOOD GROUP

REF	PART NO.	QTY	DESCRIPTION
1	3145675	1	DOOR-BOLT ON,HOOD
2	3145678	1	DOOR-BOLT ON,HOOD
3	3145742	1	HOOD-LOWER LH,9/10,2021 CHIP
4	0120382	6	WASHER-LOCK,0.38,SPRING,PD
5	0120390	6	WASHER-FLAT,0.50A,W.PD
6	3145680	2	PLATE-PIVOTING LATCH,HOOD,ALUM
7	3145674	2	SPACER-DOOR,ALUM
8	3145679	2	LATCH-FORMED,BOLT ON
9	6001062	6	SCREW-HEX,0.38NCX1.00,GR8,PD
10	6100354	2	SCREW-HEX,0.25NCX1.00,GR8,PD
11	0180020	2	SCREW-HEX,0.25NCX0.75,GR5,PD
12	9413946	2	NUT-HEX, LOCK 0.25NC,EA,PD
13	0180177	2	SCREW-HEX,0.50NCX1.50,GR5,PD
14	9411727	2	NUT-HEX, LOCK 0.50NC,EA,PD

LH Hood Bar Mount, Front

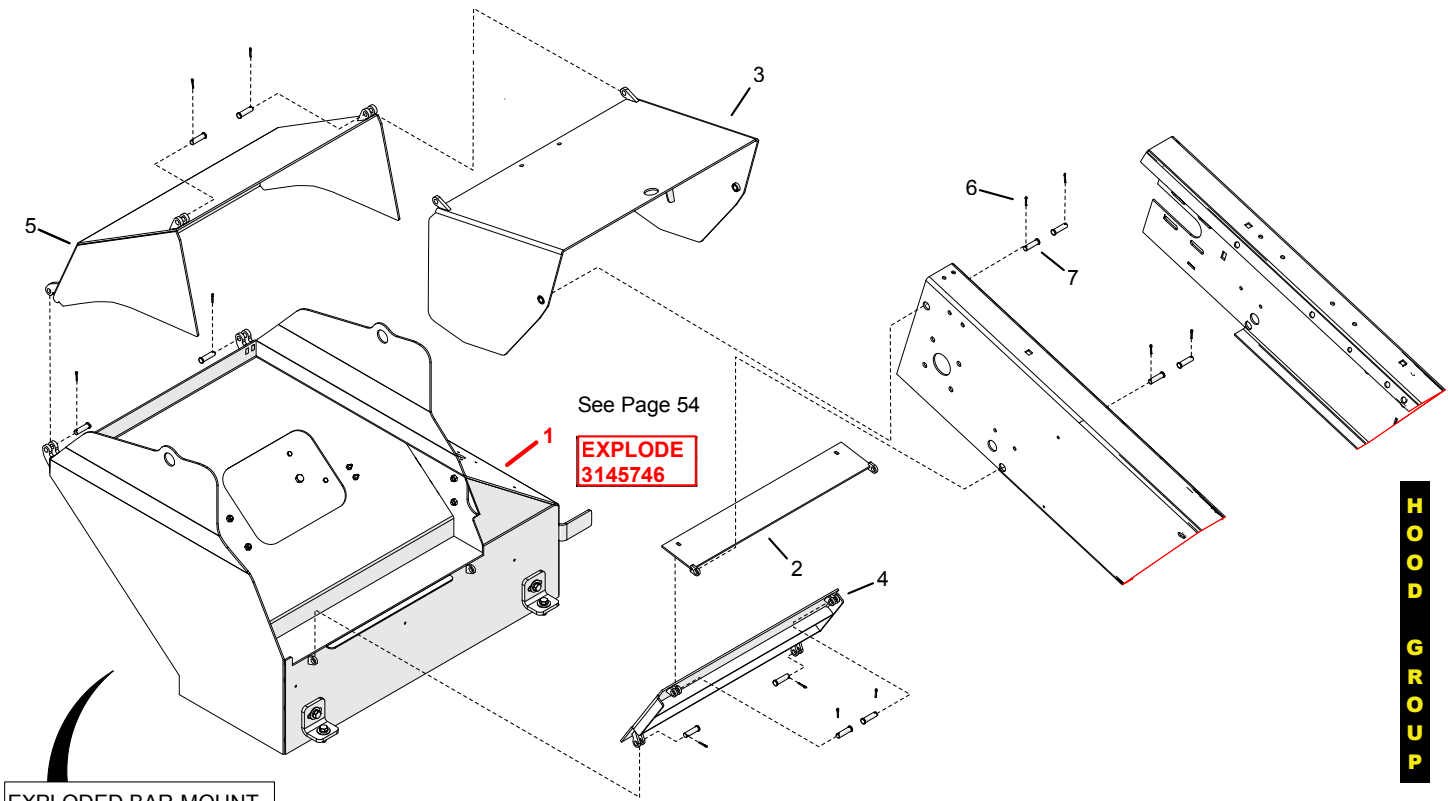
From *9' - 10' Variable hopper - VIEW A*



REF	PART NO.	QTY	DESCRIPTION
1	3143891	1	BAR-MOUNT,LH HOOD,REAR
2	0120378	2	NUT-HEX,0.50NC,PD
3	0120390	6	WASHER-FLAT,0.50A,W.PD
4	0120384	8	WASHER-LOCK,0.50,SPRING,PD
5	0180177	6	SCREW-HEX,0.50NCX1.50,GR5,PD
6	3143889	2	MOUNT-ANGLE,LH HOOD,FRONT

9' - 10' Variable hopper

VIEW B



See Page 55

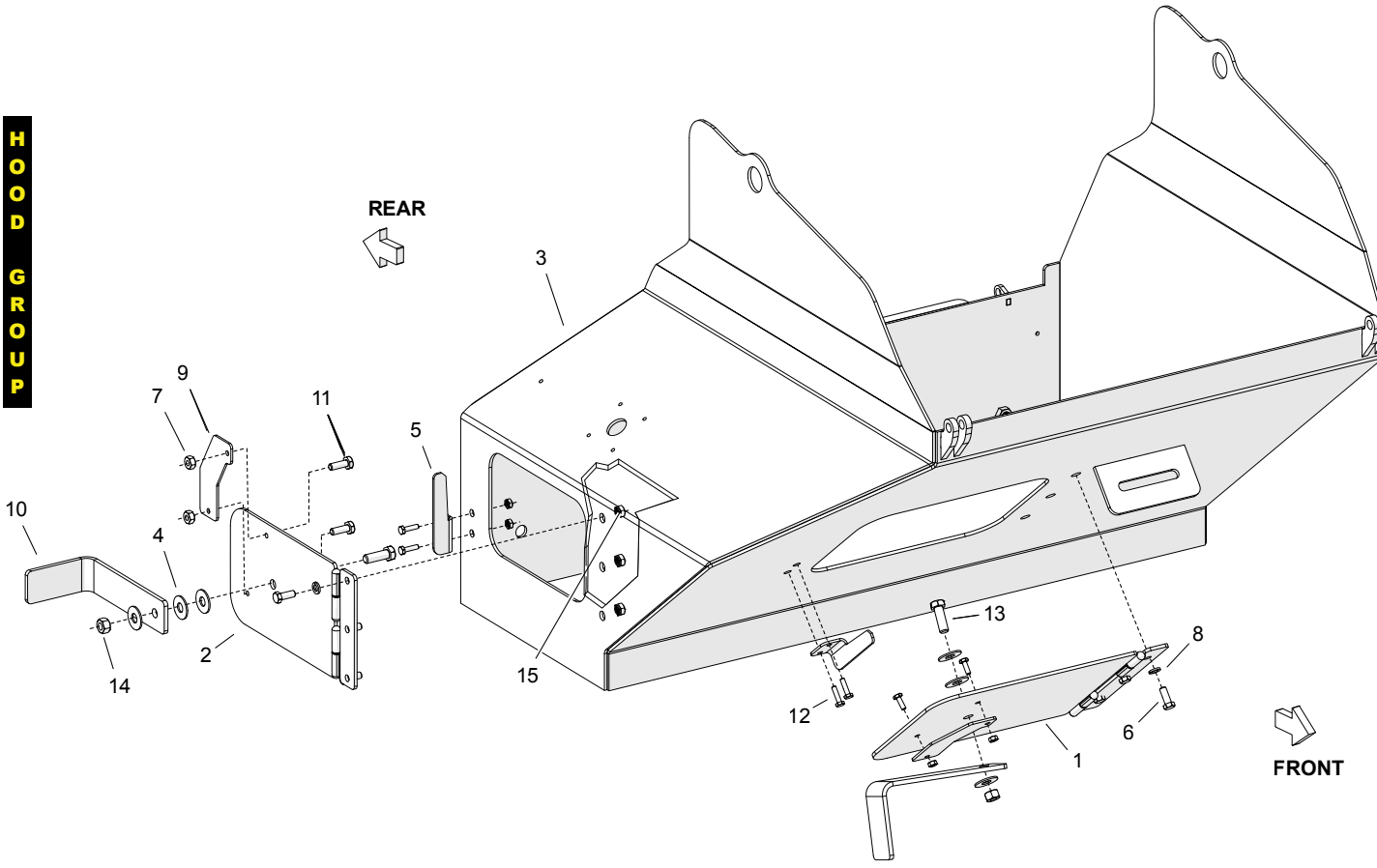
HOOD GROUP

REF	PART NO.	QTY	DESCRIPTION
1	3145746	1	HOOD ASM-LOWER RH,9/10,2021
2	3144046	1	RAMP ASM-SHORT,RH HOOD
3	3144076	1	HOOD-TOP, 2011 CHIPPER
4	3144218	1	RAMP ASM-LONG,RH HOOD
5	3144071	1	HOOD-MIDDLE,2011 CHIPPER
6	0103384	12	PIN-COTTER,0.12X0.75,PD
7	6002143	12	PIN-CLEVIS,1/2X1 33/64 USABLE

Lower RH Hood Asm

3145746 - From *9' - 10' Variable hopper - VIEW B*

HOOD GROUP

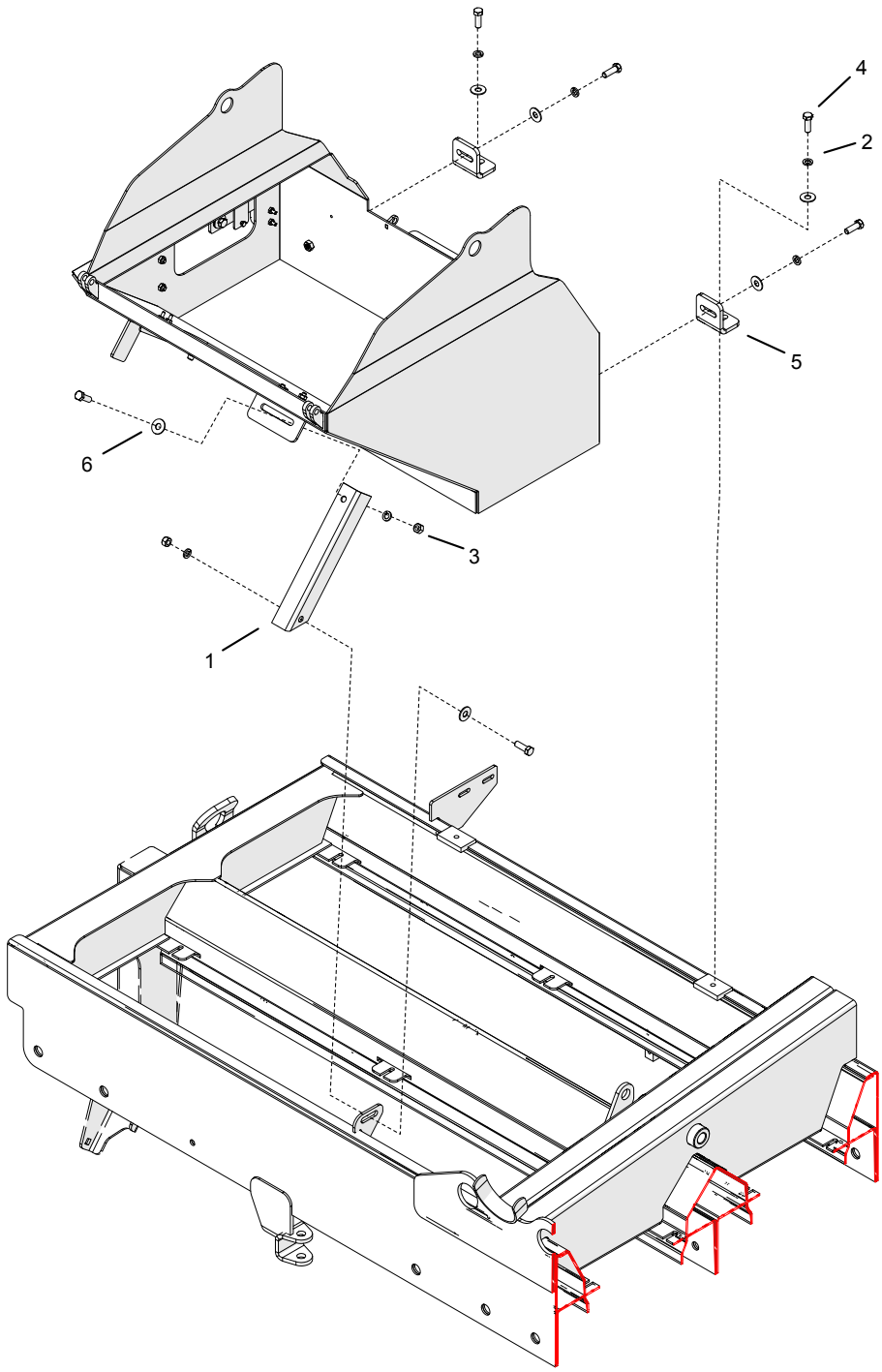


REF	PART NO.	QTY	DESCRIPTION
1	3145675	1	DOOR-BOLT ON,HOOD
2	3145678	1	DOOR-BOLT ON, HOOD
3	3145747	1	HOOD-LOWER RH,9/10,2021
4	0120390	6	WASHER-FLAT,0.50A,W.PD
5	3145679	2	LATCH-FORMED,BOLT ON
6	6001062	6	SCREW-HEX,0.38NCX1.00,GR8,PD
7	9413946	4	NUT-HEX, LOCK 0.25NC,EA,PD
8	0120382	6	WASHER-LOCK,0.38,SPRING,PD

REF	PART NO.	QTY	DESCRIPTION
9	3145674	2	SPACER-DOOR,ALUM
10	3145680	2	PLATE-PIVOTING LATCH,HOOD,ALUM
11	0180020	4	SCREW-HEX,0.25NCX0.75,GR5,PD
12	6100354	4	SCREW-HEX,0.25NCX1.00,GR8,PD
13	0180177	2	SCREW-HEX,0.50NCX1.50,GR5.PD
14	9411727	2	NUT-HEX, LOCK 0.50NC,EA,PD
15	6100237	6	NUT-HEX WELD 3/8 NC CSUNK

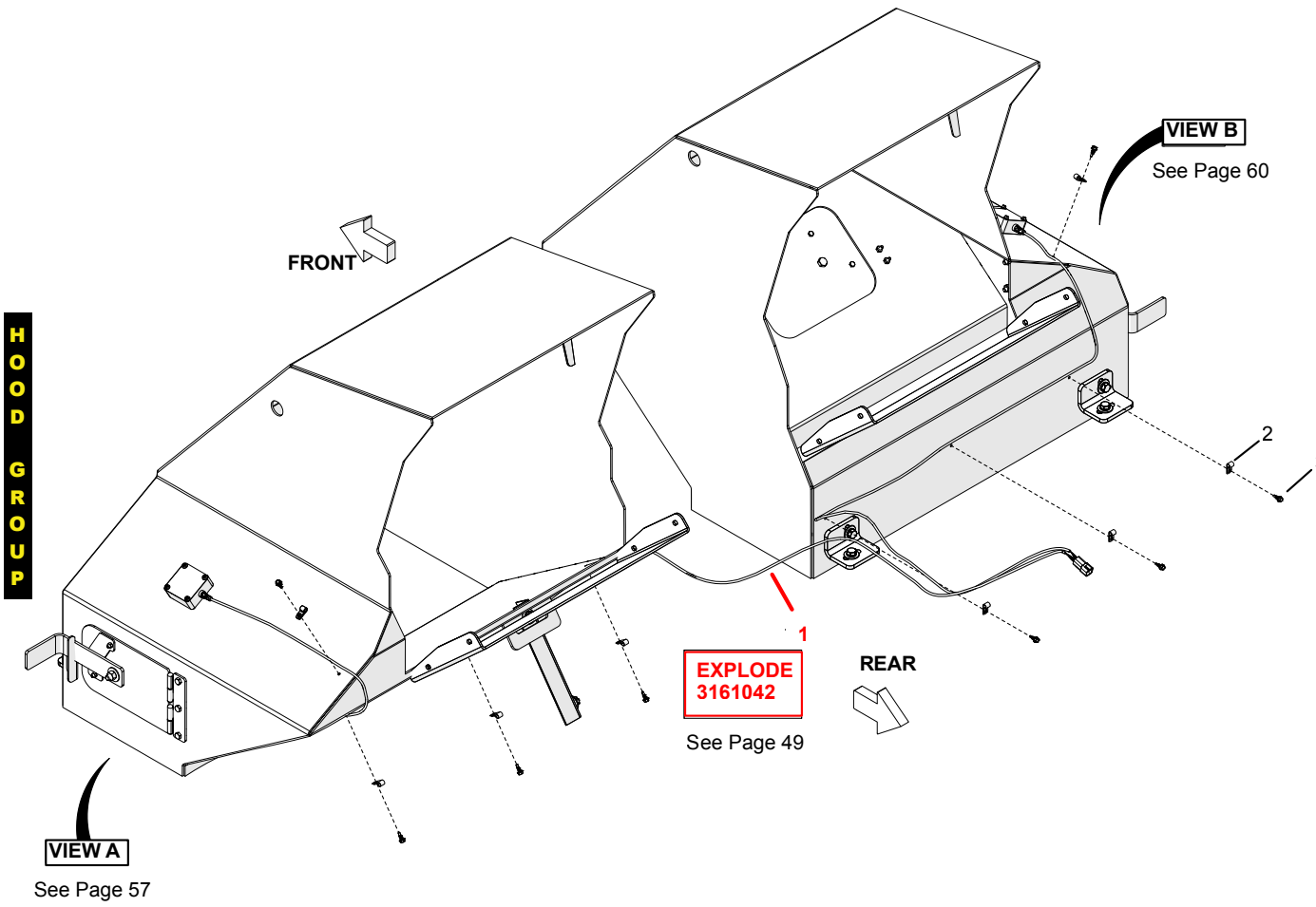
Lower RH Hood Bar Mount

From *9' - 10' Variable hopper - VIEW B*



REF	PART NO.	QTY	DESCRIPTION
1	3143892	1	BAR-MOUNT,RH HOOD,FRONT
2	0120384	6	WASHER-LOCK,0.50,SPRING,PD
3	0120378	2	NUT-HEX,0.50NC,PD
4	0180177	6	SCREW-HEX,0.50NCX1.50,GR5,PD
5	3143889	2	MOUNT-ANGLE,LH HOOD,FRONT
6	0120390	6	WASHER-FLAT,0.50A,W.PD

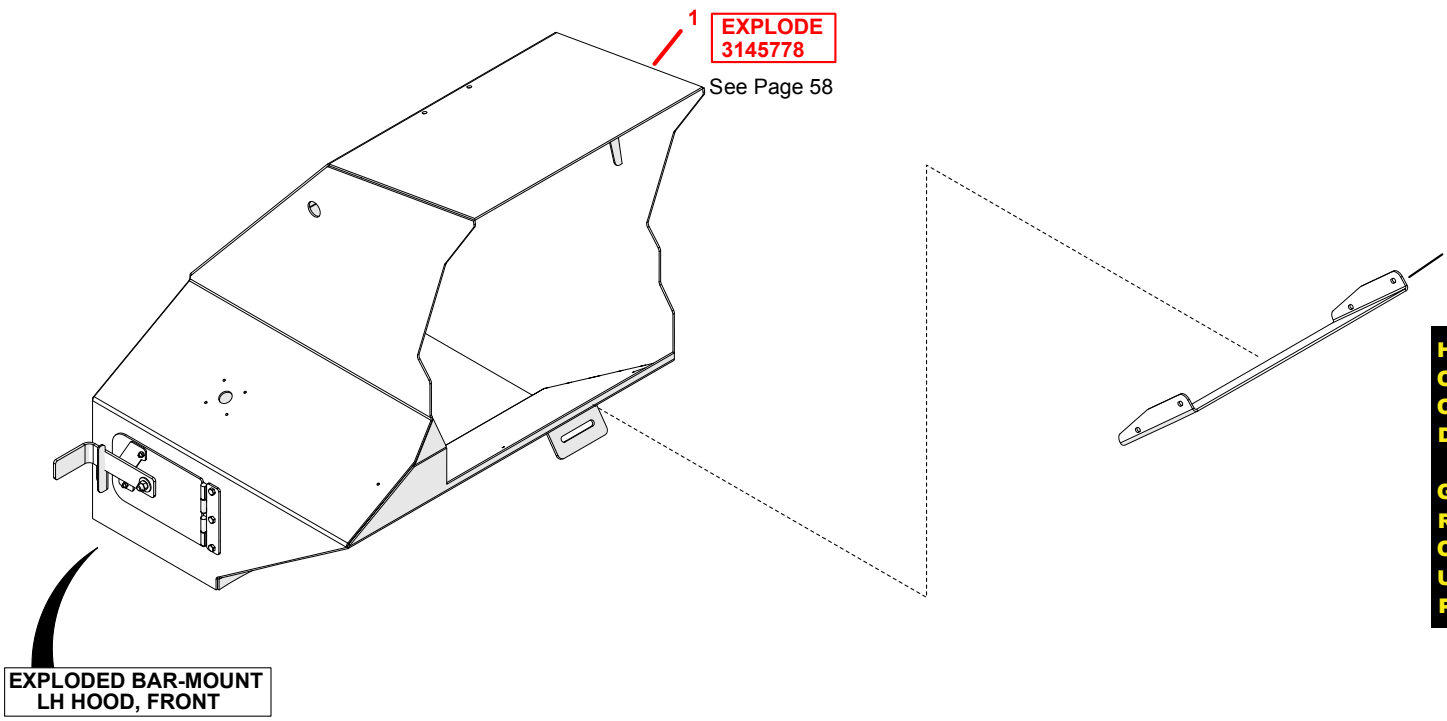
9' - 10' Fixed Hopper



REF	PART NO.	QTY	DESCRIPTION
1	3161042	1	BIN SWITCH ASSY-SONIC CONVEYOR
2	6000055	8	CLA.31 IN RUB TUBE,BERG#1511-2
3	6002738	8	SCREW-TAP,HXHD,0.25X0.75,T,PD

9' - 10' Fixed Hopper

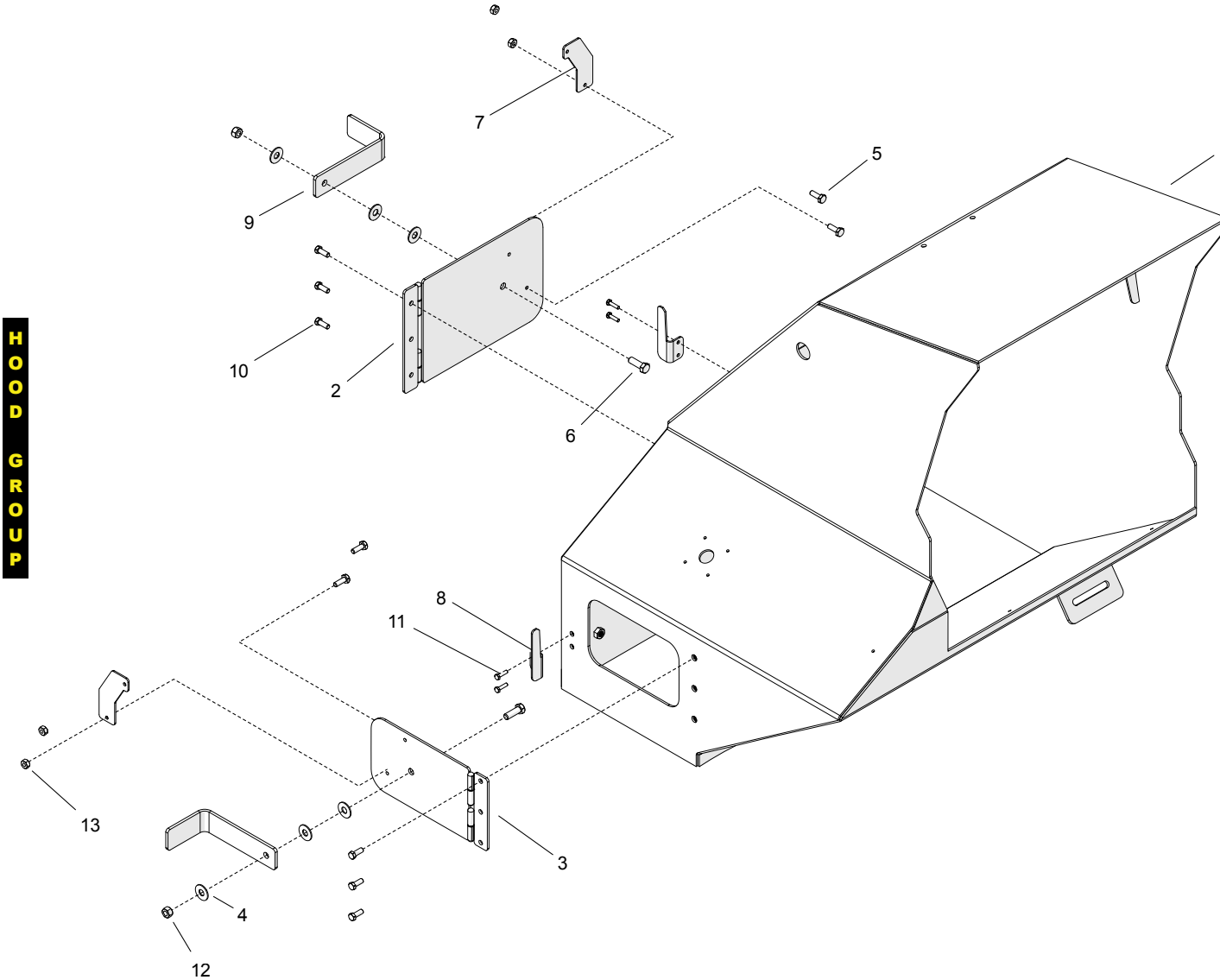
VIEW A



REF	PART NO.	QTY	DESCRIPTION
1	3145778	1	HOOD ASM-LOWER LH,9/10,V/H,FIX
2	3144377	1	DEFLECTOR, ANGLE, V/H, 2011

Lower LH Hood Asm

3145778 - From *9' - 10' Fixed hopper - VIEW A*

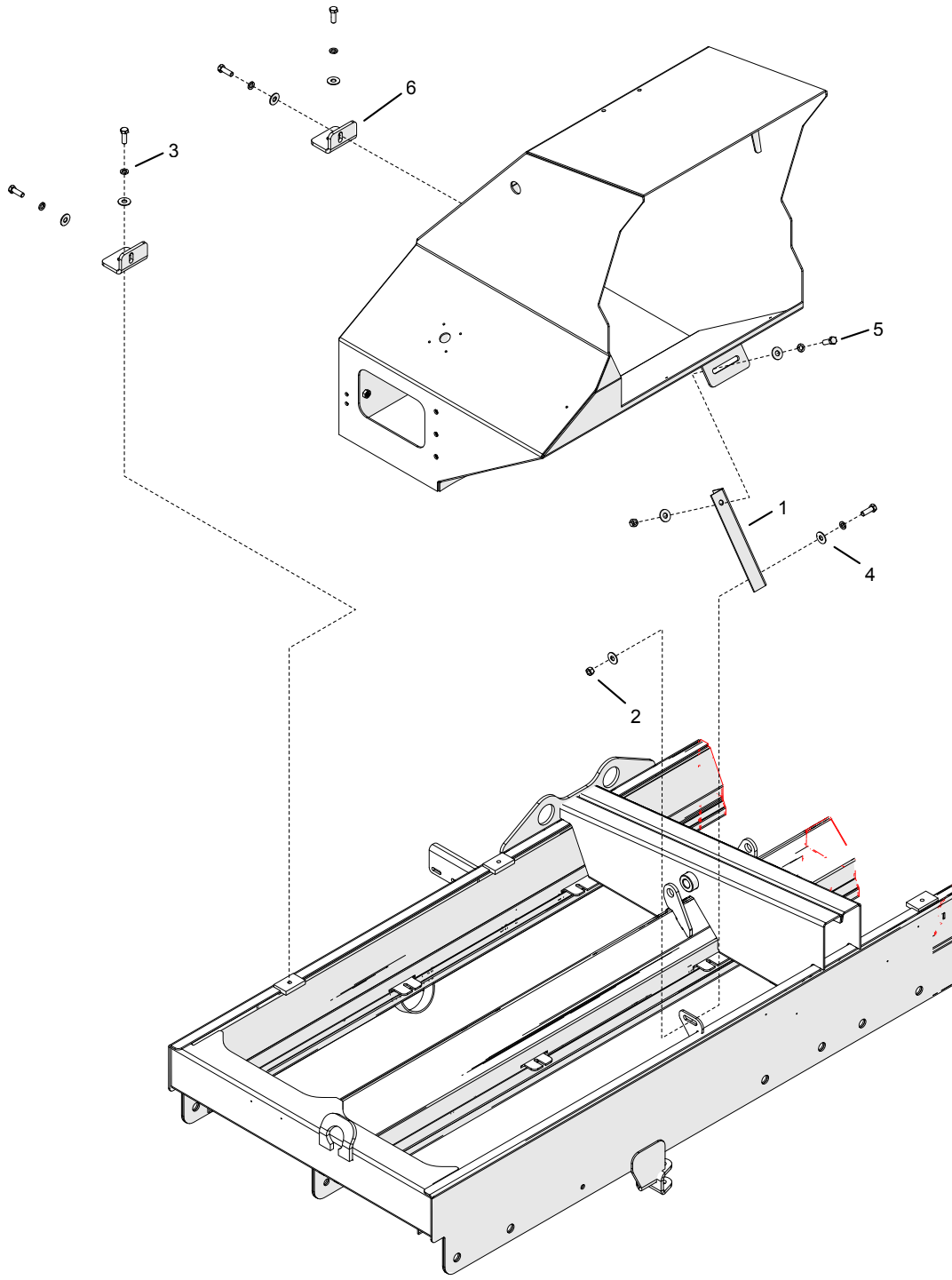


REF	PART NO.	QTY	DESCRIPTION
1	3145779	1	HOOD-LOWER LH,9/10,V/H,FIXED
2	3145675	1	DOOR-BOLT ON,HOOD
3	3145678	1	DOOR-BOLT ON,HOOD
4	0120390	6	WASHER-FLAT,0.50A,W.PD
5	0180020	4	SCREW-HEX,0.25NCX0.75,GR5,PD
6	0180177	2	SCREW-HEX,0.50NCX1.50,GR5.PD
7	3145674	2	SPACER-DOOR,ALUM

REF	PART NO.	QTY	DESCRIPTION
8	3145679	2	LATCH-FORMED,BOLT ON
9	3145680	2	PLATE-PIVOTING LATCH,HOOD,ALUM
10	6001062	6	SCREW-HEX,0.38NCX1.00,GR8,PD
11	6100354	4	SCREW-HEX,0.25NCX1.00,GR8,PD
12	9411727	2	NUT-HEX, LOCK 0.50NC,EA,PD
13	9413946	4	NUT-HEX, LOCK 0.25NC,EA,PD

Bar-Mount, LH Hood, Front

From *9'- 10' Fixed hopper - VIEW A*

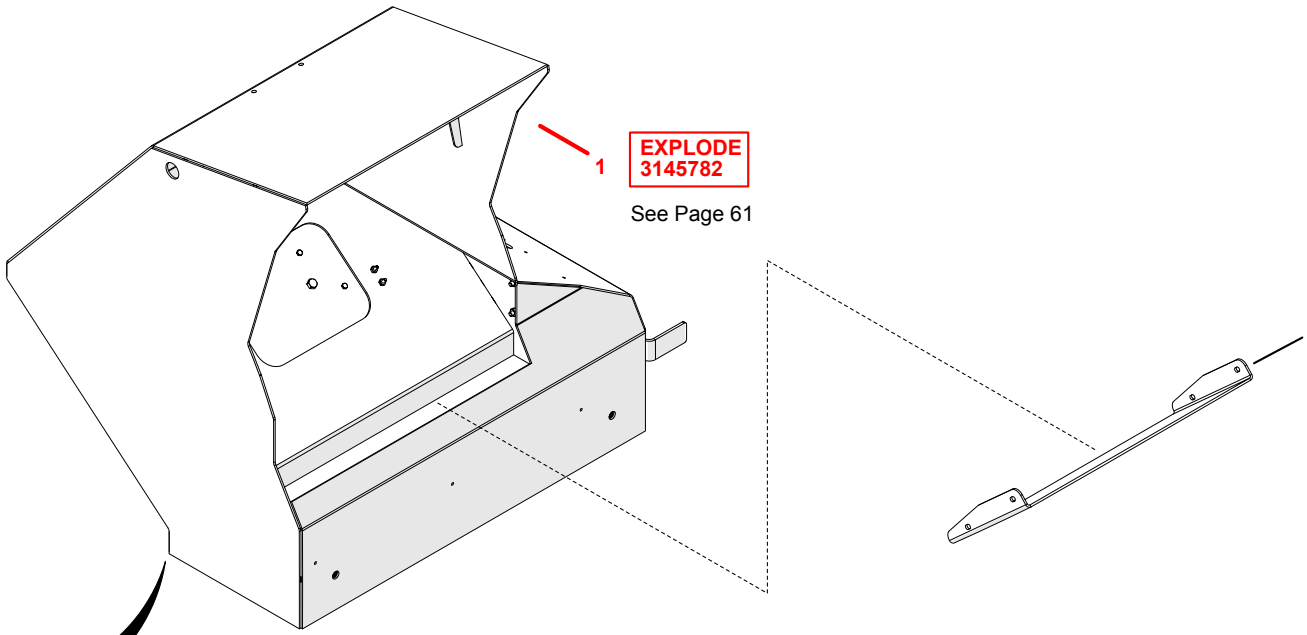


REF	PART NO.	QTY	DESCRIPTION
1	3143891	1	BAR-MOUNT,LH HOOD,REAR
2	0120378	2	NUT-HEX,0.50NC,PD
3	0120384	6	WASHER-LOCK,0.50,SPRING,PD
4	0120390	8	WASHER-FLAT,0.50A,W.PD
5	0180177	6	SCREW-HEX,0.50NCX1.50,GR5,PD
6	3144357	2	MOUNT-ANGLE,HOOD, FIXED HEIGHT

9' - 10' Fixed Hopper

VIEW B

HOOD GROUP



See Page 61

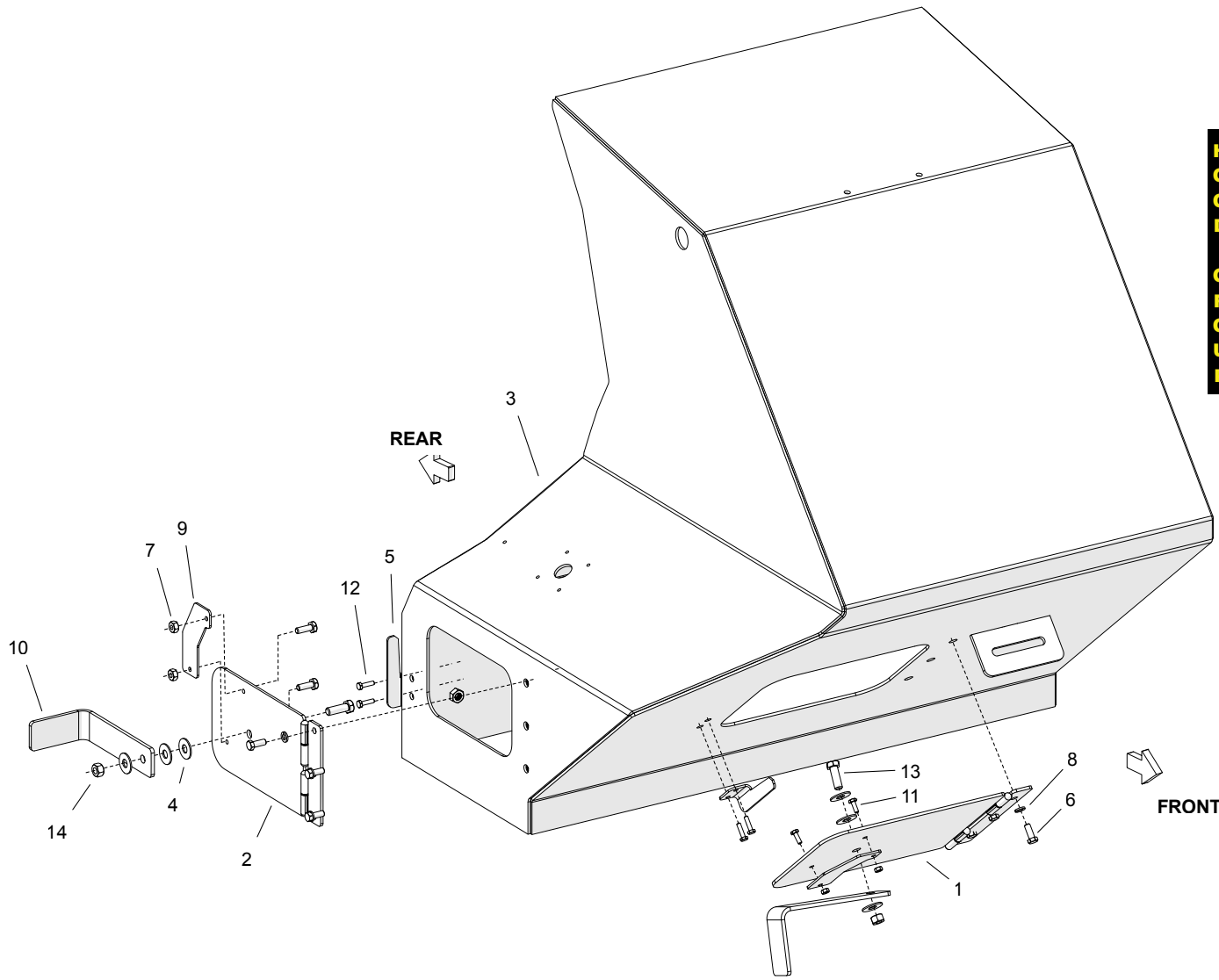
EXPLODED BAR-MOUNT
RH HOOD, FRONT

See Page 62

REF	PART NO.	QTY	DESCRIPTION
1	3145782	1	HOOD ASM-LOWER RH,9/10,V/H,FIX
2	3144377	1	DEFLECTOR, ANGLE, V/H, 2011

Lower RH Hood Asm

3145782 - From *9' - 10' Fixed hopper - VIEW B*

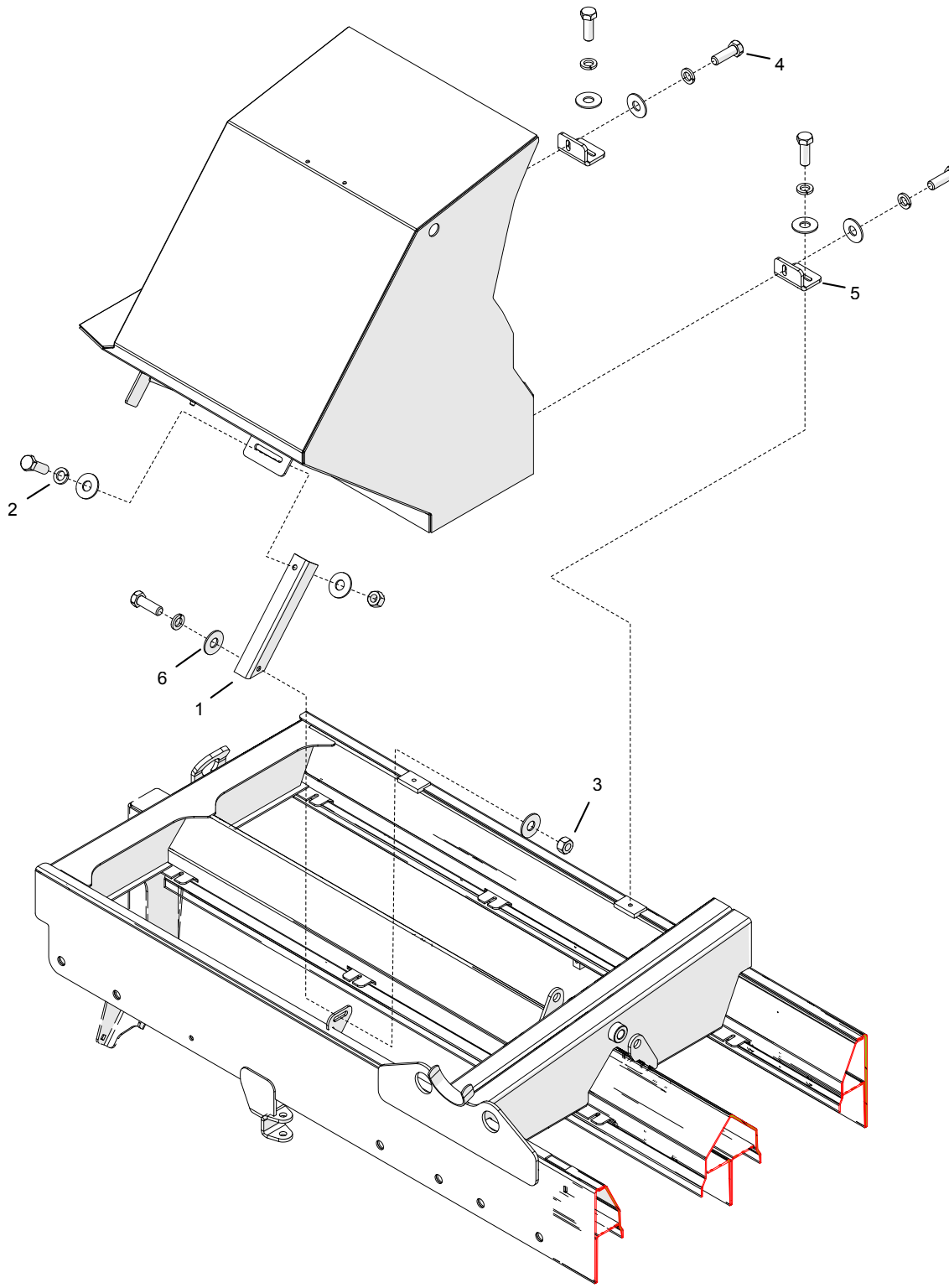


REF	PART NO.	QTY	DESCRIPTION
1	3145675	1	DOOR-BOLT ON,HOOD
2	3145678	1	DOOR-BOLT ON, HOOD
3	3145783	1	HOOD-LOWER RH,9/10,V/H,FIXED
4	0120390	6	WASHER-FLAT,0.50A,W.PD
5	3145679	2	LATCH-FORMED,BOLT ON
6	6001062	6	SCREW-HEX,0.38NCX1.00,GR8,PD
7	9413946	4	NUT-HEX, LOCK 0.25NC,EA,PD
8	0120382	6	WASHER-LOCK,0.38,SPRING,PD

REF	PART NO.	QTY	DESCRIPTION
9	3145674	2	SPACER-DOOR,ALUM
10	3145680	2	PLATE-PIVOTING LATCH,HOOD,ALUM
11	0180020	4	SCREW-HEX,0.25NCX0.75,GR5,PD
12	6100354	4	SCREW-HEX,0.25NCX1.00,GR8,PD
13	0180177	2	SCREW-HEX,0.50NCX1.50,GR5.PD
14	9411727	2	NUT-HEX, LOCK 0.50NC,EA,PD

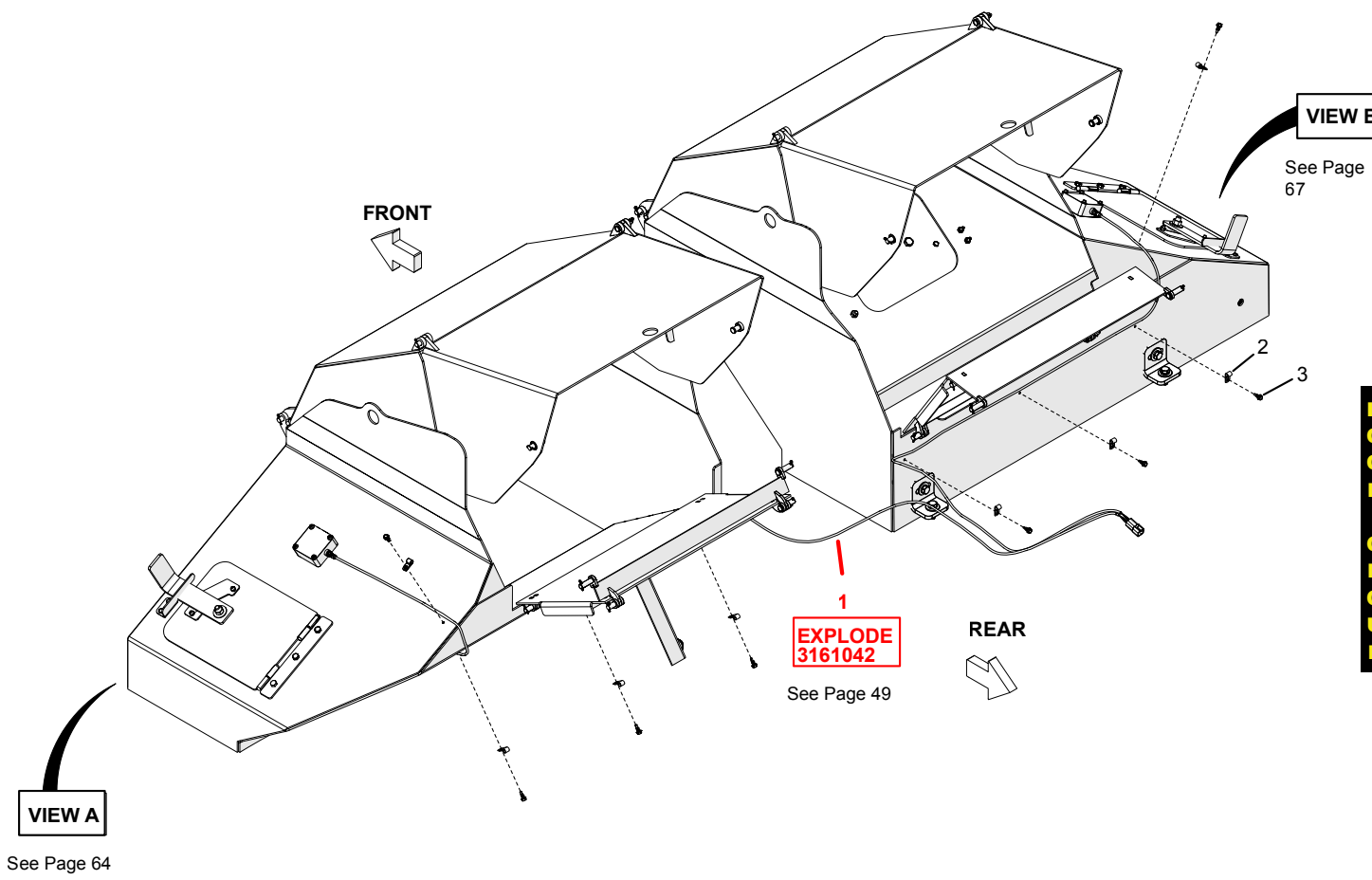
Bar-Mount, RH, Hood, Front

From *9' - 10' Fixed hopper - VIEW B*



REF	PART NO.	QTY	DESCRIPTION
1	3143892	1	BAR-MOUNT,RH HOOD,FRONT
2	0120384	6	WASHER-LOCK,0.50,SPRING,PD
3	0120378	2	NUT-HEX,0.50NC,PD
4	0180177	6	SCREW-HEX,0.50NCX1.50,GR5,PD
5	3144357	2	MOUNT-ANGLE,HOOD, FIXED HEIGHT
6	0120390	8	WASHER-FLAT,0.50A,W.PD

11' - 12' Variable Hopper

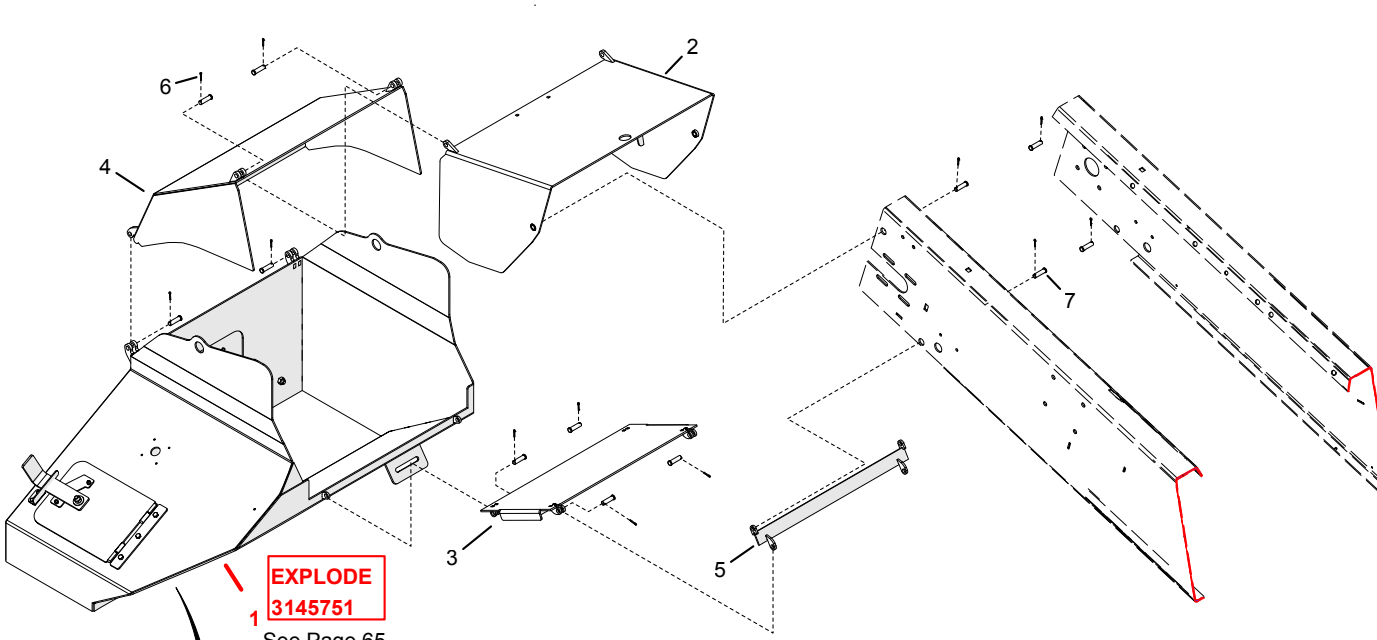


REF	PART NO.	QTY	DESCRIPTION
1	3161042	1	BIN SWITCH ASSY-SONIC CONVEYOR
2	6000055	8	CLA.31 IN RUB TUBE,BERG#1511-2
3	6002738	8	SCREW-TAP,HXHD,0.25X0.75,T,PD

11' - 12' Variable Hopper

VIEW A

HOOD GROUP



EXPLODE
3145751

See Page 65

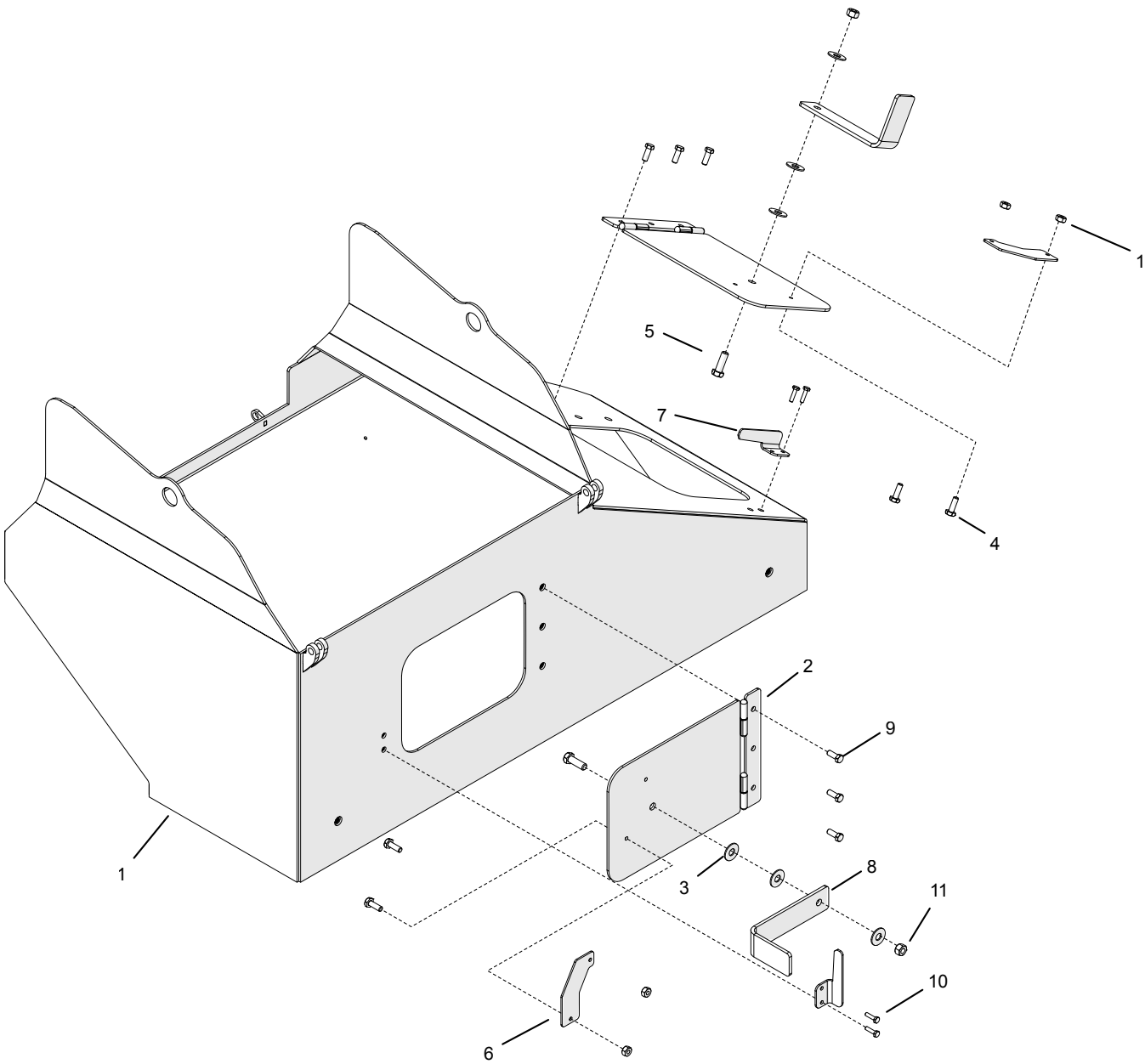
EXPLODED BAR-MOUNT
LH HOOD, REAR

See Page 66

REF	PART NO.	QTY	DESCRIPTION
1	3145751	1	HOOD ASM-LOWER LH,11/12,2021
2	3144076	1	HOOD-TOP, 2011 CHIPPER
3	3144216	1	RAMP ASM-LONG,LH HOOD
4	3144071	1	HOOD-MIDDLE, 2011 CHIPPER
5	3144044	1	RAMP ASM-SHORT,LH HOOD
6	0103384	12	PIN-COTTER,0.12X0.75,PD
7	6002143	12	PIN-CLEVIS,1/2X1 33/64 USABLE

Lower LH Hood Asm

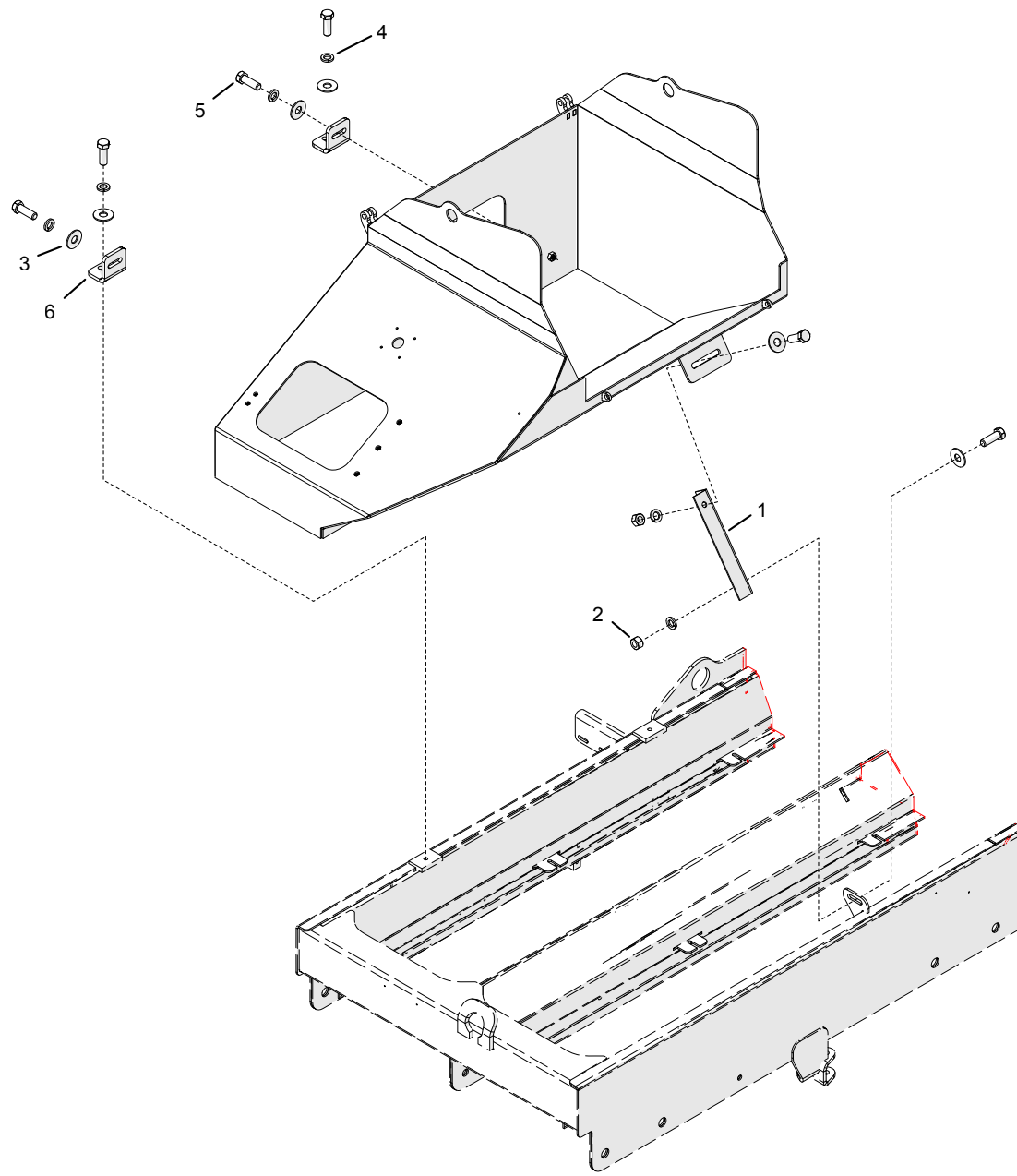
3145751 - From *11' - 12' Variable hopper - VIEW A*



REF	PART NO.	QTY	DESCRIPTION
1	3145752	1	HOOD-LOWER LH,11/12,2021
2	3145675	2	DOOR-BOLT ON,HOOD
3	0120390	6	WASHER-FLAT,0.50A,W.PD
4	0180020	4	SCREW-HEX,0.25NCX0.75,GR5,PD
5	0180177	2	SCREW-HEX,0.50NCX1.50,GR5.PD
6	3145674	2	SPACER-DOOR,ALUM
7	3145679	2	LATCH-FORMED,BOLT ON
8	3145680	2	PLATE-PIVOTING LATCH,HOOD,ALUM
9	6001062	6	SCREW-HEX,0.38NCX1.00,GR8,PD
10	6100354	4	SCREW-HEX,0.25NCX1.00,GR8,PD
11	9411727	2	NUT-HEX, LOCK 0.50NC,EA,PD
12	9413946	4	NUT-HEX, LOCK 0.25NC,EA,PD

LH Hood Bar Mount, Rear

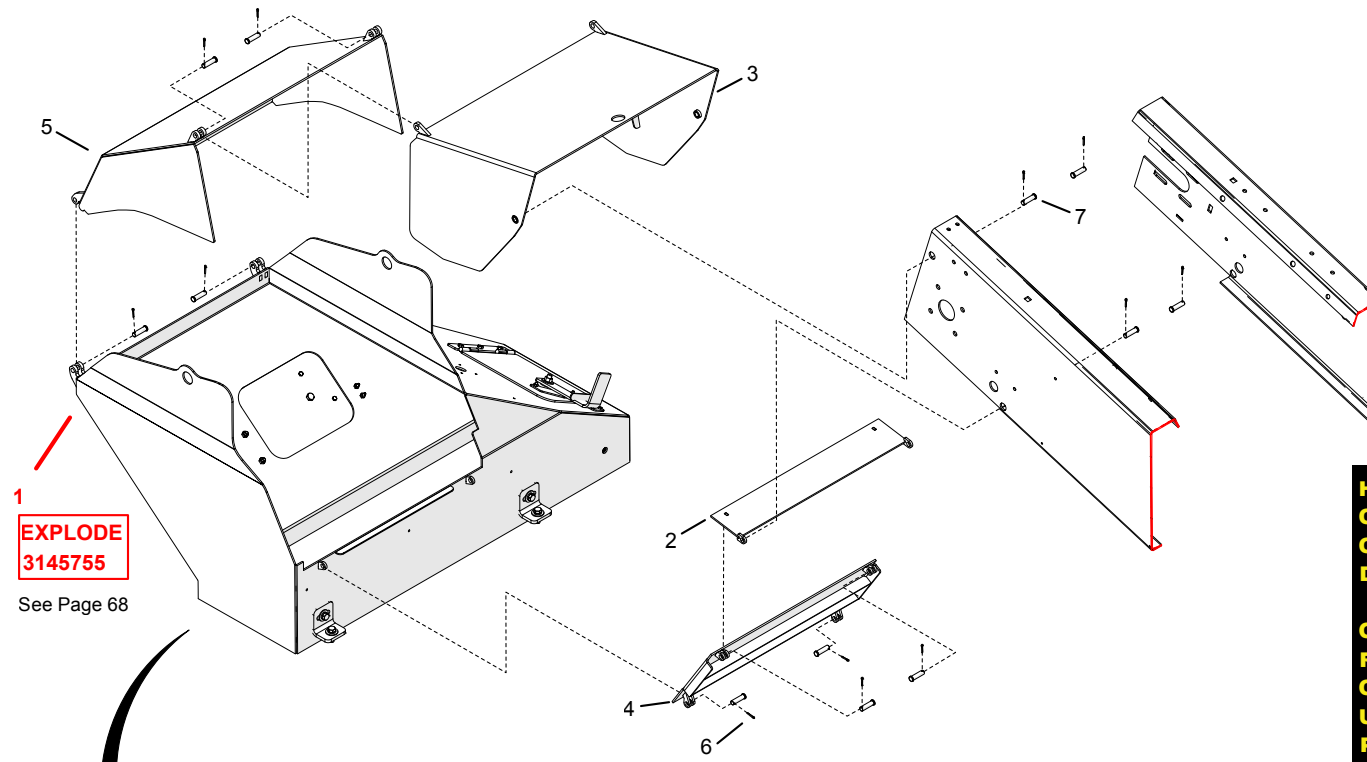
From *11' - 12' Variable hopper - VIEW A*



REF	PART NO.	QTY	DESCRIPTION
1	3143891	1	BAR-MOUNT,LH HOOD,REAR
2	0120378	2	NUT-HEX,0.50NC,PD
3	0120390	6	WASHER-FLAT,0.50A,W.PD
4	0120384	6	WASHER-LOCK,0.50,SPRING,PD
5	0180177	6	SCREW-HEX,0.50NCX1.50,GR5,PD
6	3143889	2	MOUNT-ANGLE,LH HOOD,FRONT

11' - 12' Variable Hopper

VIEW B



See Page 68

EXPLODED BAR-MOUNT RH HOOD, FRONT

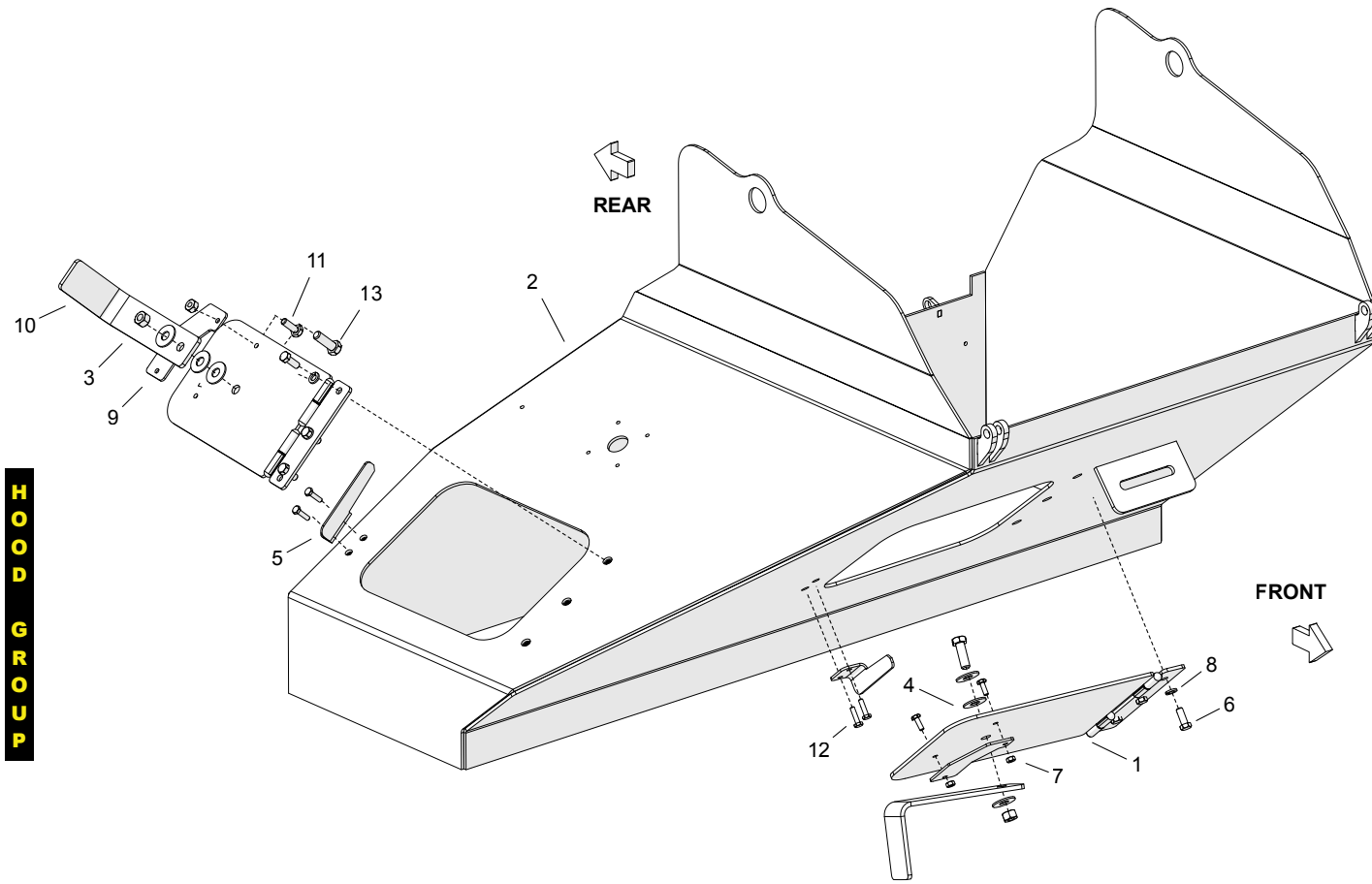
See Page 69

HOOD GROUP

REF	PART NO.	QTY	DESCRIPTION
1	3145755	1	HOOD ASM-LOWER RH,11/12,2021
2	3144046	1	RAMP ASM-SHORT,RH HOOD
3	3144076	1	HOOD-TOP, 2011 CHIPPER
4	3144218	1	RAMP ASM-LONG,RH HOOD
5	3144071	1	HOOD-MIDDLE, 2011 CHIPPER
6	0103384	12	PIN-COTTER,0.12X0.75,PD
7	6002143	12	PIN-CLEVIS,1/2X1 33/64 USABLE

Lower RH Hood Asm

3145755 - From *11' - 12' Variable hopper - VIEW B*

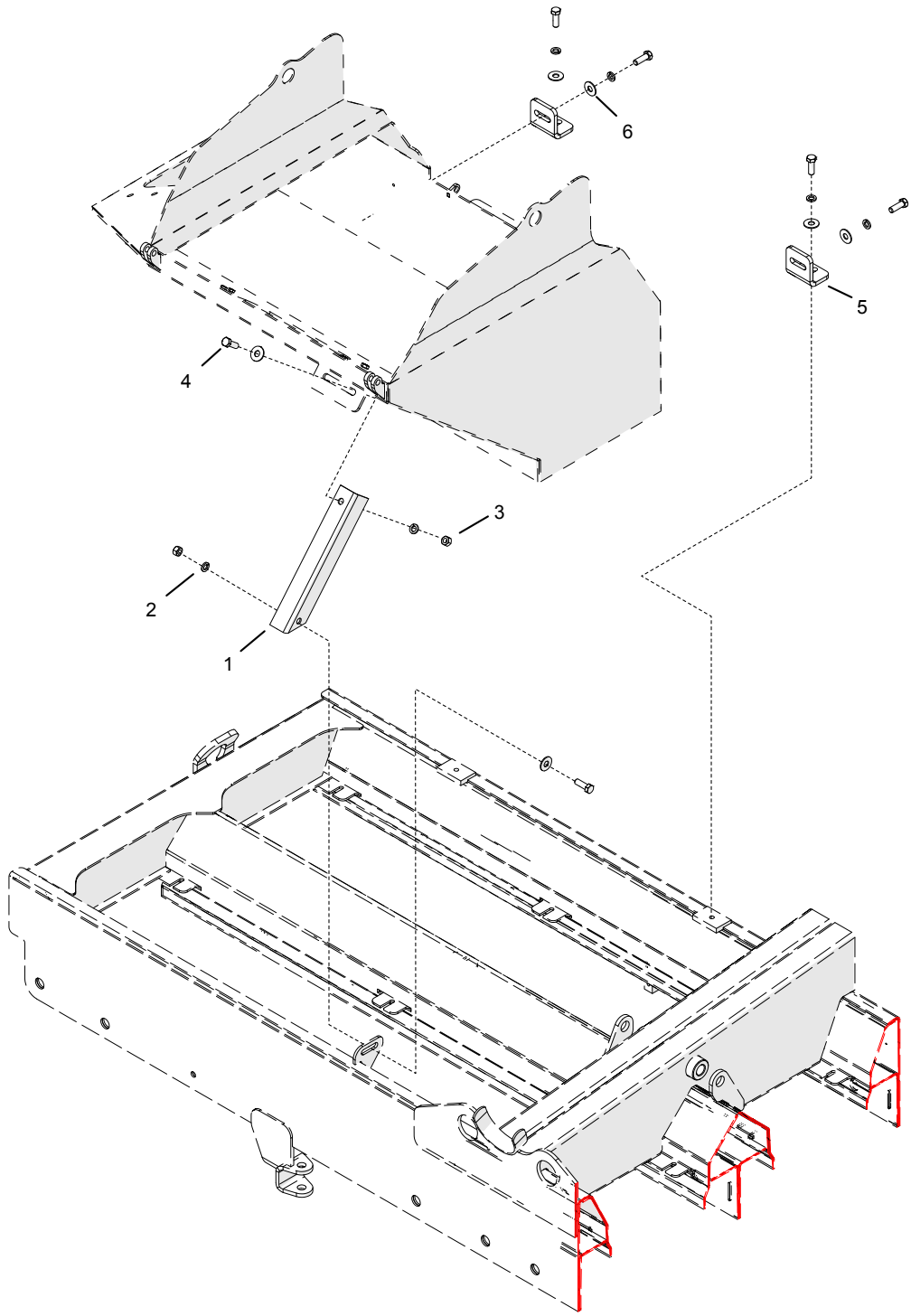


REF	PART NO.	QTY	DESCRIPTION
1	3145675	2	DOOR-BOLT ON, HOOD
2	3145756	1	HOOD-LOWER RH
3	9411727	2	NUT-HEX, LOCK 0.50NC,EA,PD
4	0120390	6	WASHER-FLAT,0.50A,W.PD
5	3145679	2	LATCH-FORMED,BOLT ON
6	6001062	6	SCREW-HEX,0.38NCX1.00,GR8,PD
7	9413946	4	NUT-HEX, LOCK 0.25NC,EA,PD

REF	PART NO.	QTY	DESCRIPTION
8	0120382	6	WASHER-LOCK,0.38,SPRING,PD
9	3145674	2	SPACER-DOOR,ALUM
10	3145680	2	PLATE-PIVOTING LATCH,HOOD,ALUM
11	0180020	4	SCREW-HEX,0.25NCX0.75,GR5,PD
12	6100354	4	SCREW-HEX,0.25NCX1.00,GR8,PD
13	0180177	2	SCREW-HEX,0.50NCX1.50,GR5.PD

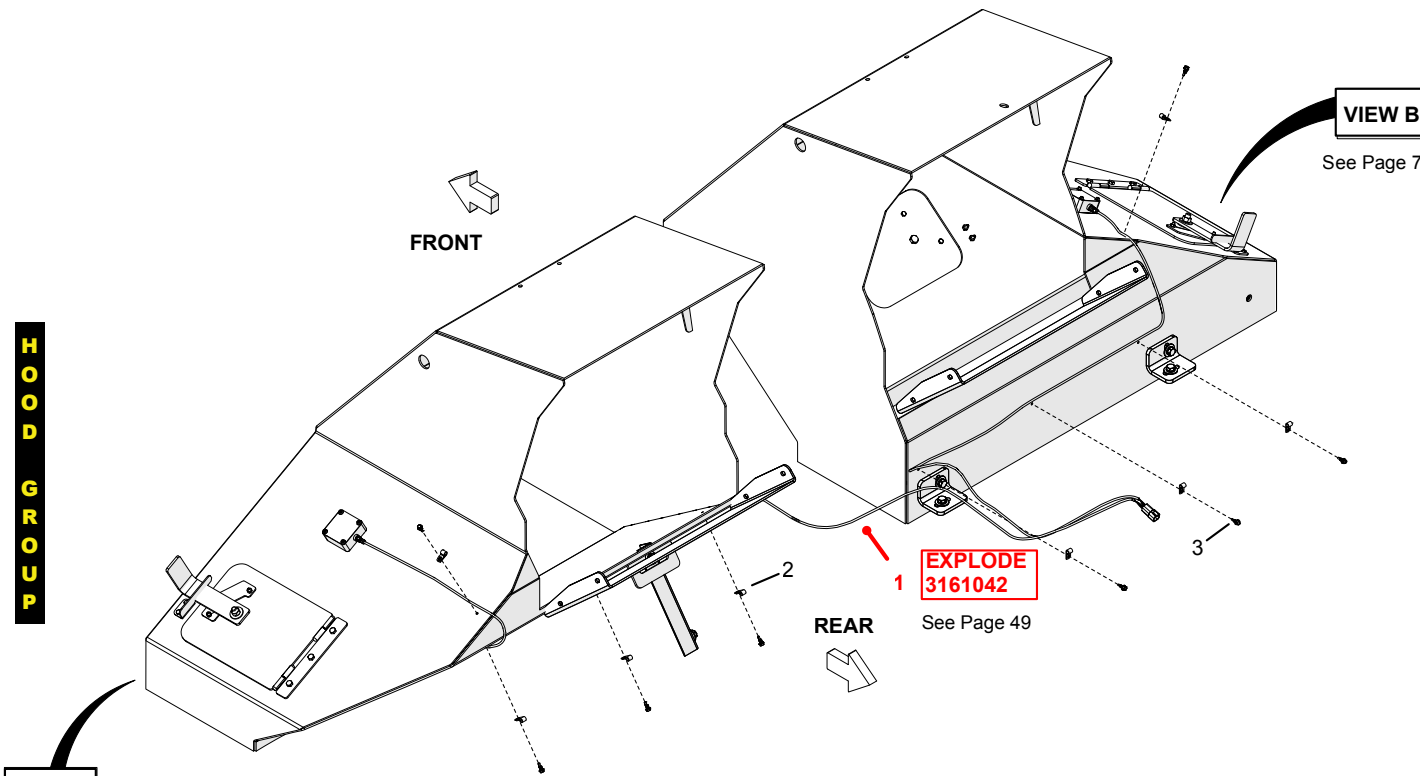
Bar-Mount, RH, Hood, Front

From *11' - 12' Variable hopper - VIEW B*



REF	PART NO.	QTY	DESCRIPTION
1	3143892	1	BAR-MOUNT,RH HOOD,FRONT
2	0120384	6	WASHER-LOCK,0.50,SPRING,PD
3	0120378	2	NUT-HEX,0.50NC,PD
4	0180177	6	SCREW-HEX,0.50NCX1.50,GR5,PD
5	3143889	2	MOUNT-ANGLE,LH HOOD,FRONT
6	0120390	6	WASHER-FLAT,0.50A,W.PD

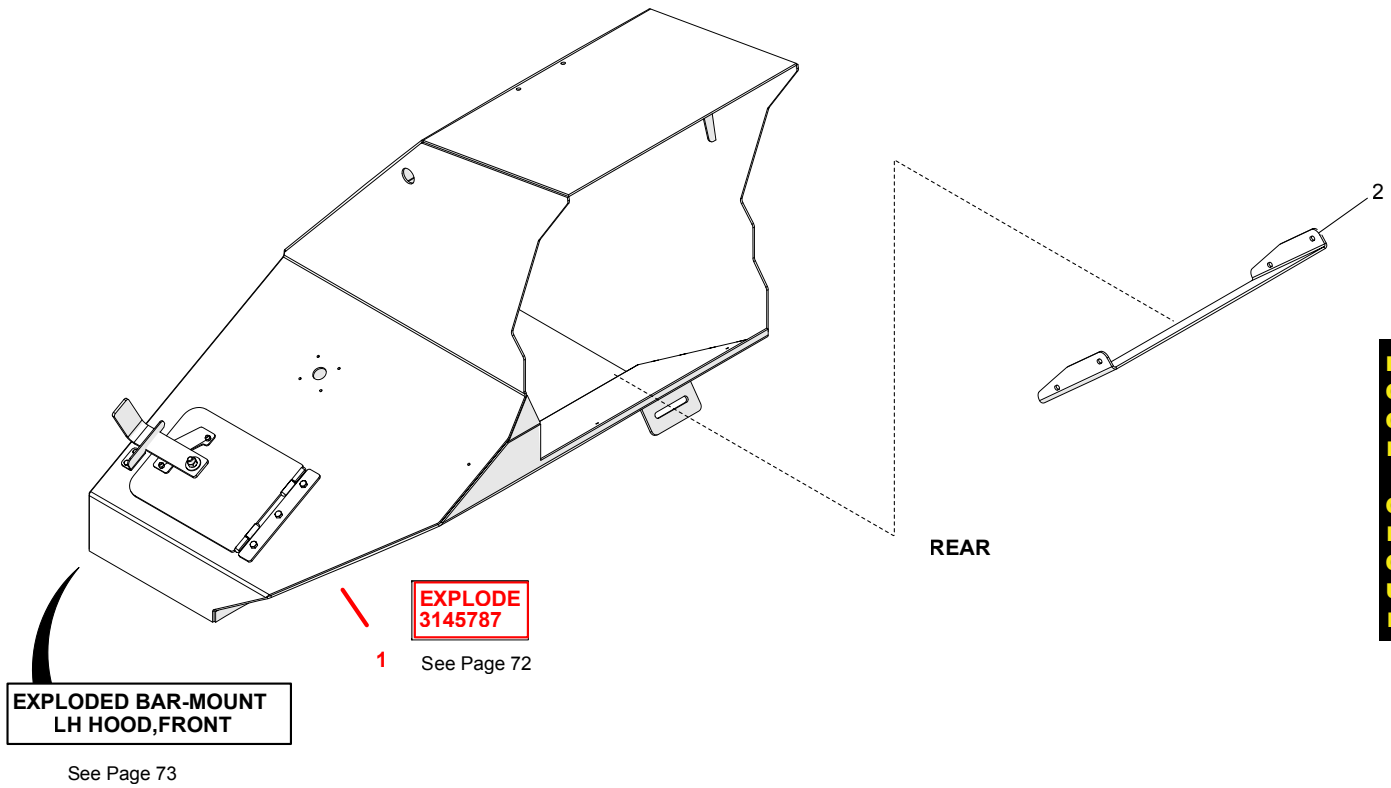
11'-12' Fixed Hopper



REF	PART NO.	QTY	DESCRIPTION
1	3161042	1	BIN SWITCH ASSY-SONIC CONVEYOR
2	6000055	8	CLA.31 IN RUB TUBE,BERG#1511-2
3	6002738	8	SCREW-TAP,HXHD,0.25X0.75,T,PD

11'-12' Fixed Hopper

VIEW A

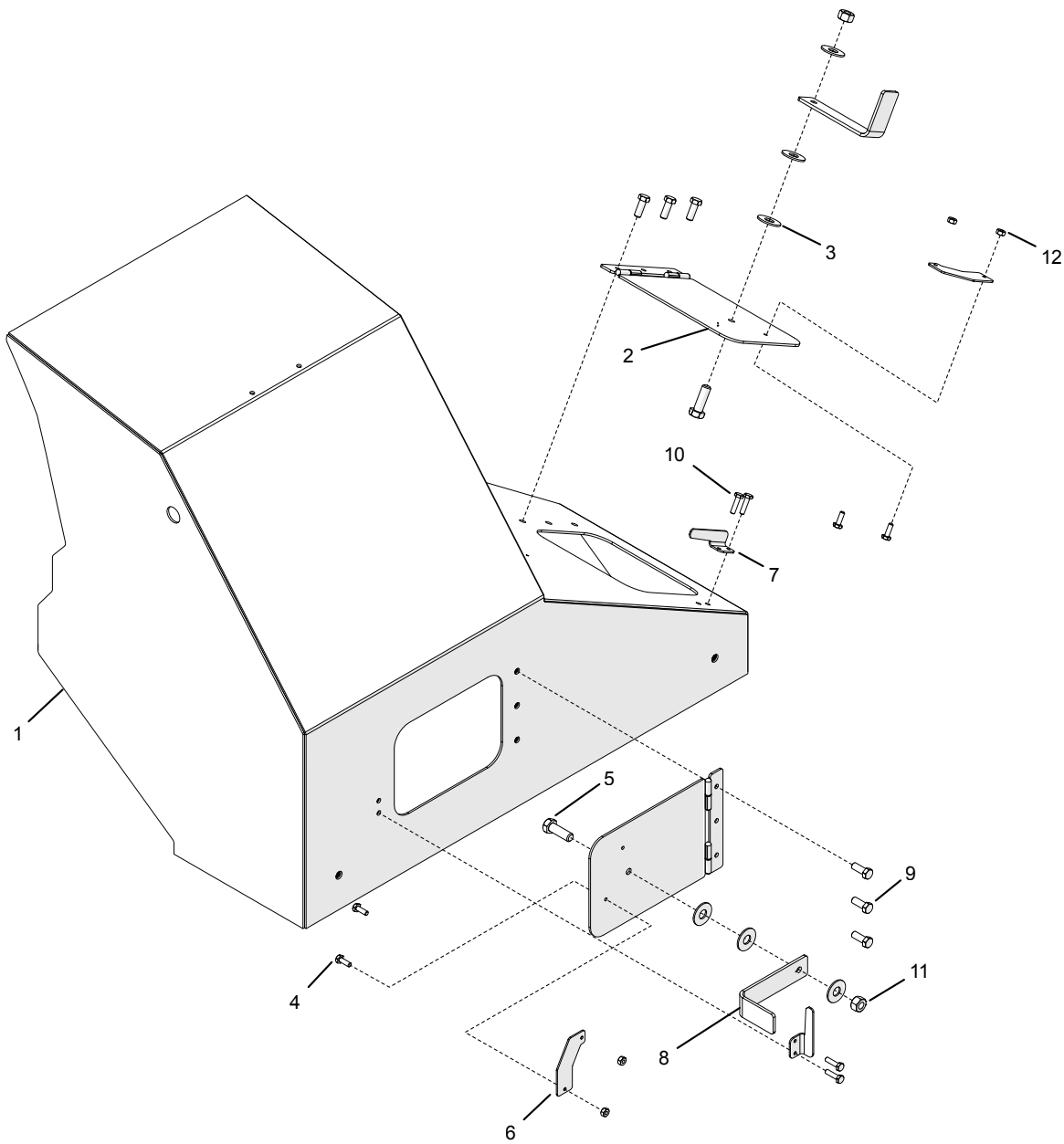


HOOD GROUP

REF	PART NO.	QTY	DESCRIPTION
1	3145787	1	HOOD ASM-LOWR LH,11/12,V/H,FIX
2	3144377	1	DEFLECTOR, ANGLE, V/H, 2011

Lower LH Hood Asm

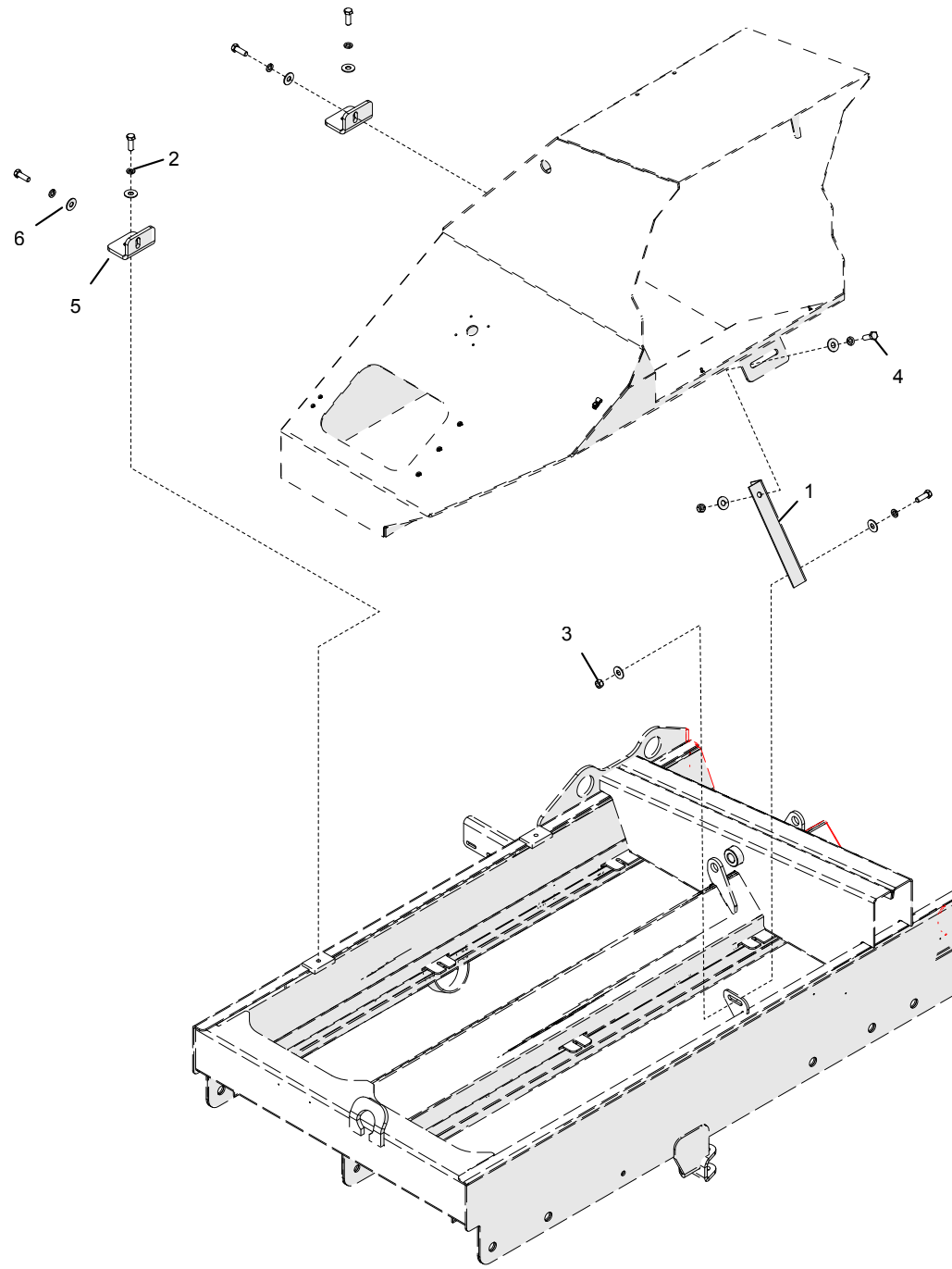
3145787 -From *11' - 12' Fixed Hopper - VIEW A*



REF	PART NO.	QTY	DESCRIPTION
1	3145788	1	HOOD-LOWER LH
2	3145675	2	DOOR-BOLT ON,HOOD
3	0120390	6	WASHER-FLAT,0.50A,W.PD
4	0180020	4	SCREW-HEX,0.25NCX0.75,GR5,PD
5	0180177	2	SCREW-HEX,0.50NCX1.50,GR5.PD
6	3145674	2	SPACER-DOOR,ALUM
7	3145679	2	LATCH-FORMED,BOLT ON
8	3145680	2	PLATE-PIVOTING LATCH,HOOD,ALUM
9	6001062	6	SCREW-HEX,0.38NCX1.00,GR8,PD
10	6100354	4	SCREW-HEX,0.25NCX1.00,GR8,PD
11	9411727	2	NUT-HEX, LOCK 0.50NC,EA,PD
12	9413946	4	NUT-HEX, LOCK 0.25NC,EA,PD

Front LH Hood Mount Bar

From *11' - 12' Fixed Hopper - VIEW A*

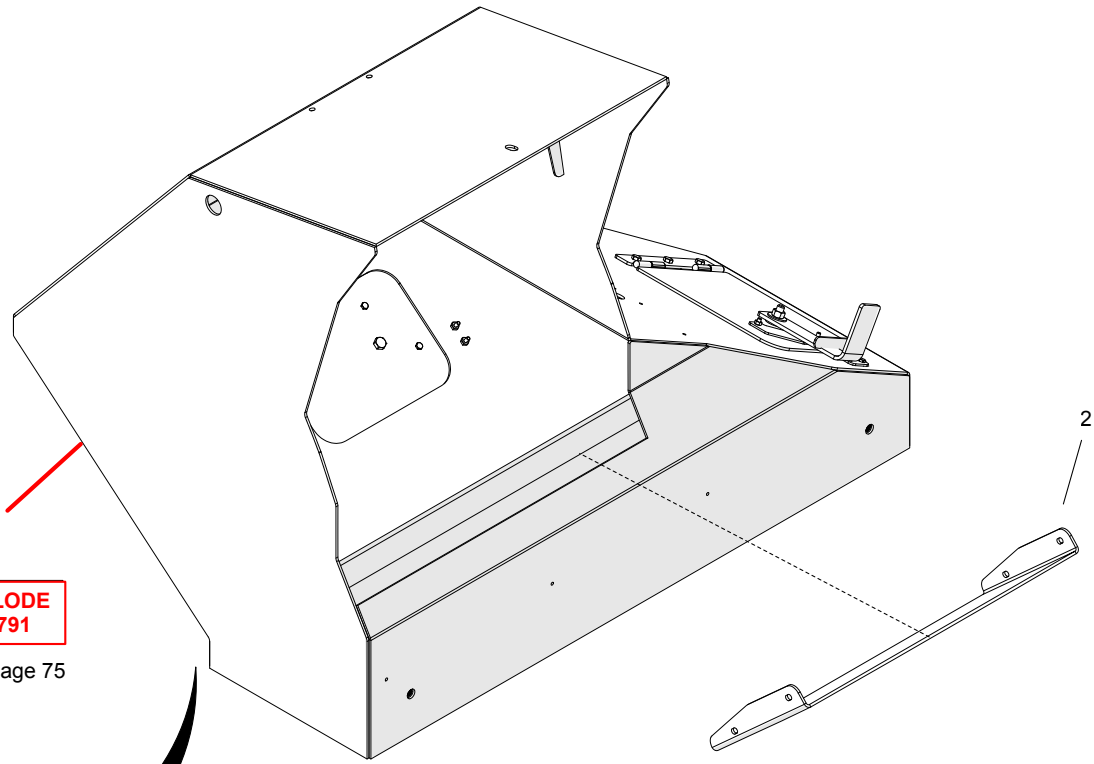


REF	PART NO.	QTY	DESCRIPTION
1	3143891	1	BAR-MOUNT,LH HOOD,REAR
2	0120384	6	WASHER-LOCK,0.50,SPRING,PD
3	0120378	2	NUT-HEX,0.50NC,PD
4	0180177	6	SCREW-HEX,0.50NCX1.50,GR5,PD
5	3144357	2	MOUNT-ANGLE,HOOD, FIXED HEIGHT
6	0120390	8	WASHER-FLAT,0.50A,W.PD

11' - 12' Fixed Hopper

VIEW B

HOOD GROUP



EXPLODE
3145791

See Page 75

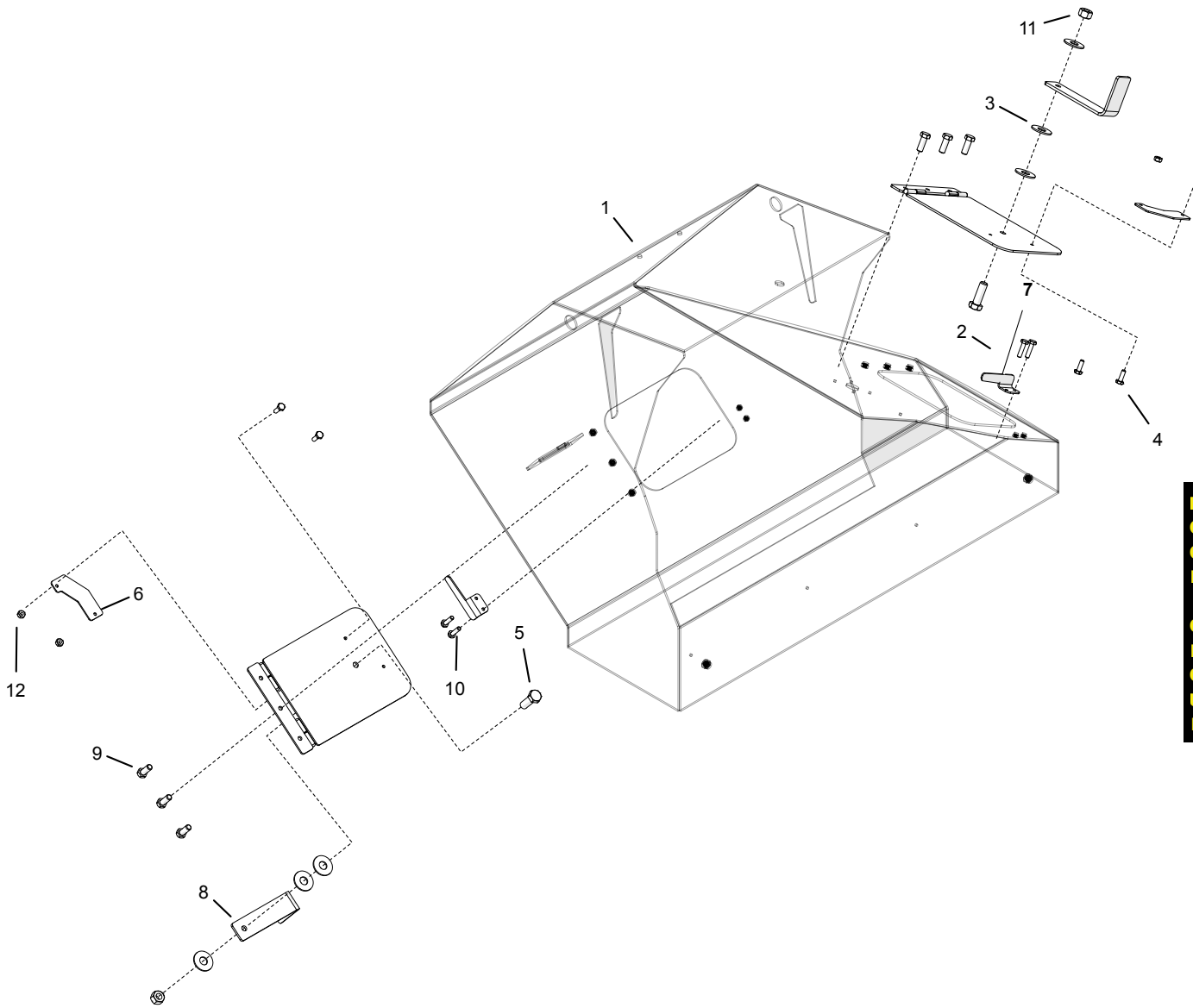
EXPLODED BAR-MOUNT
RH HOOD, FRONT

See Page 76

REF	PART NO.	QTY	DESCRIPTION
1	3145791	1	HOOD ASM-LOWR RH
2	3144377	1	DEFLECTOR, ANGLE, V/H, 2011

Lower RH Hood Asm

3145791 - From *11' - 12' Fixed Hopper - VIEW B*

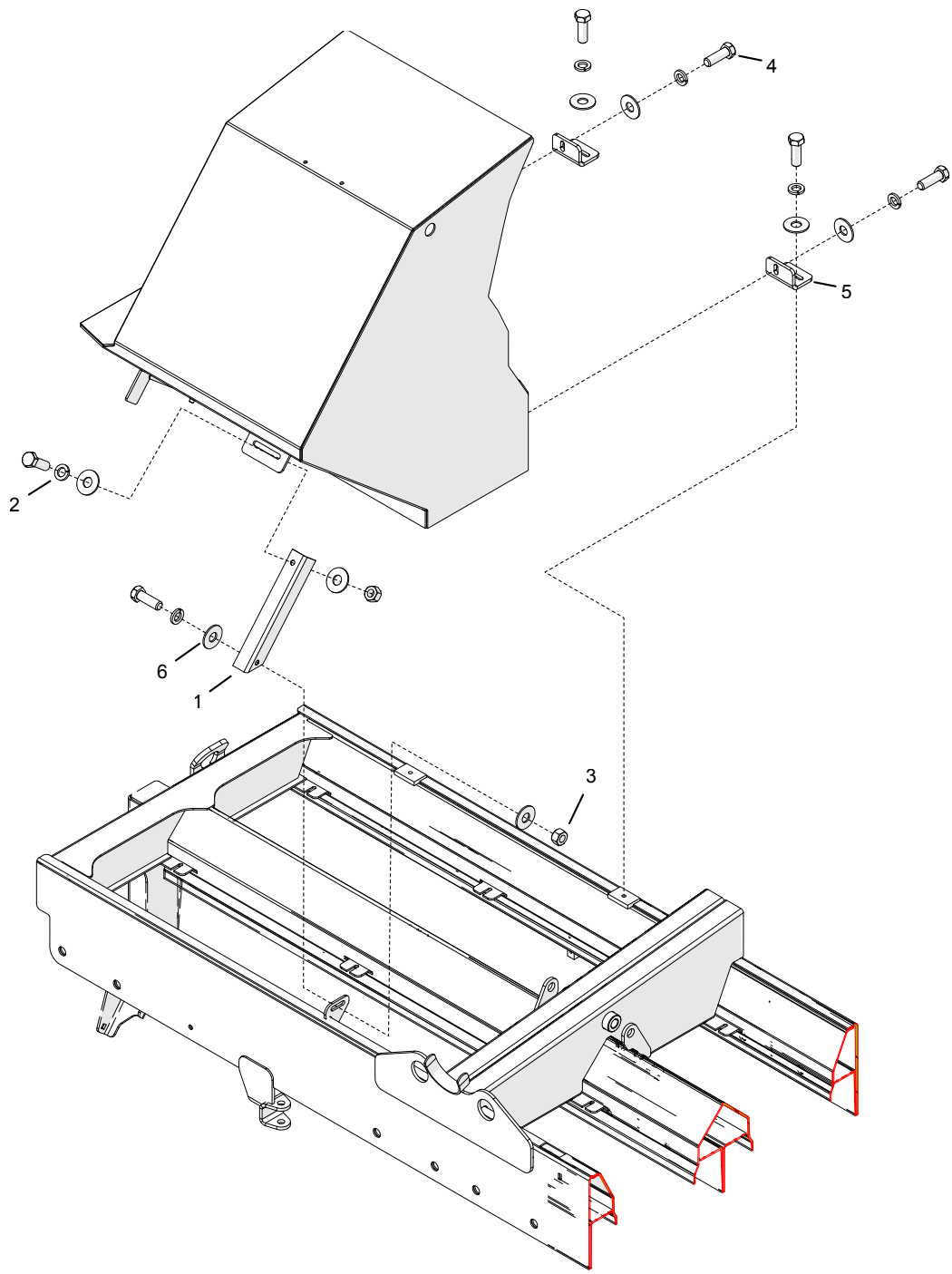


HOOD GROUP

REF	PART NO.	QTY	DESCRIPTION
1	3145792	1	HOOD-LOWER RH
2	3145675	2	DOOR-BOLT ON,
3	0120390	6	WASHER-FLAT,0.50A,W.PD
4	0180020	4	SCREW-HEX,0.25NCX0.75,GR5,PD
5	0180177	2	SCREW-HEX,0.50NCX1.50,GR5.PD
6	3145674	2	SPACER-DOOR,ALUM
7	3145679	2	LATCH-FORMED,BOLT ON
8	3145680	2	PLATE-PIVOTING LATCH,HOOD,ALUM
9	6001062	6	SCREW-HEX,0.38NCX1.00,GR8,PD
10	6100354	4	SCREW-HEX,0.25NCX1.00,GR8,PD
11	9411727	2	NUT-HEX, LOCK 0.50NC,EA,PD
12	9413946	4	NUT-HEX, LOCK 0.25NC,EA,PD

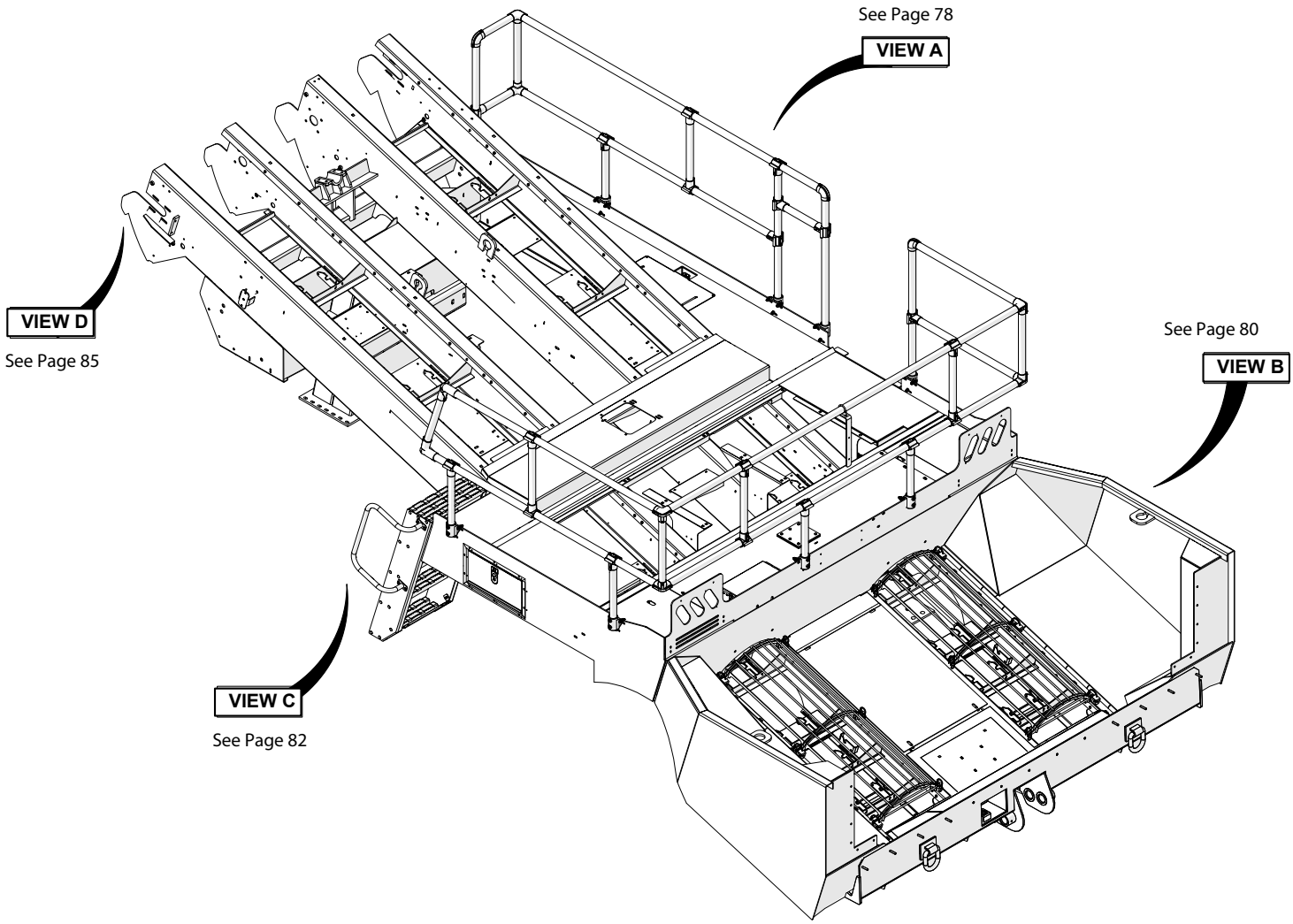
Bar-Mount, RH, Hood, Front

From *11' - 12' Fixed hopper - VIEW B*



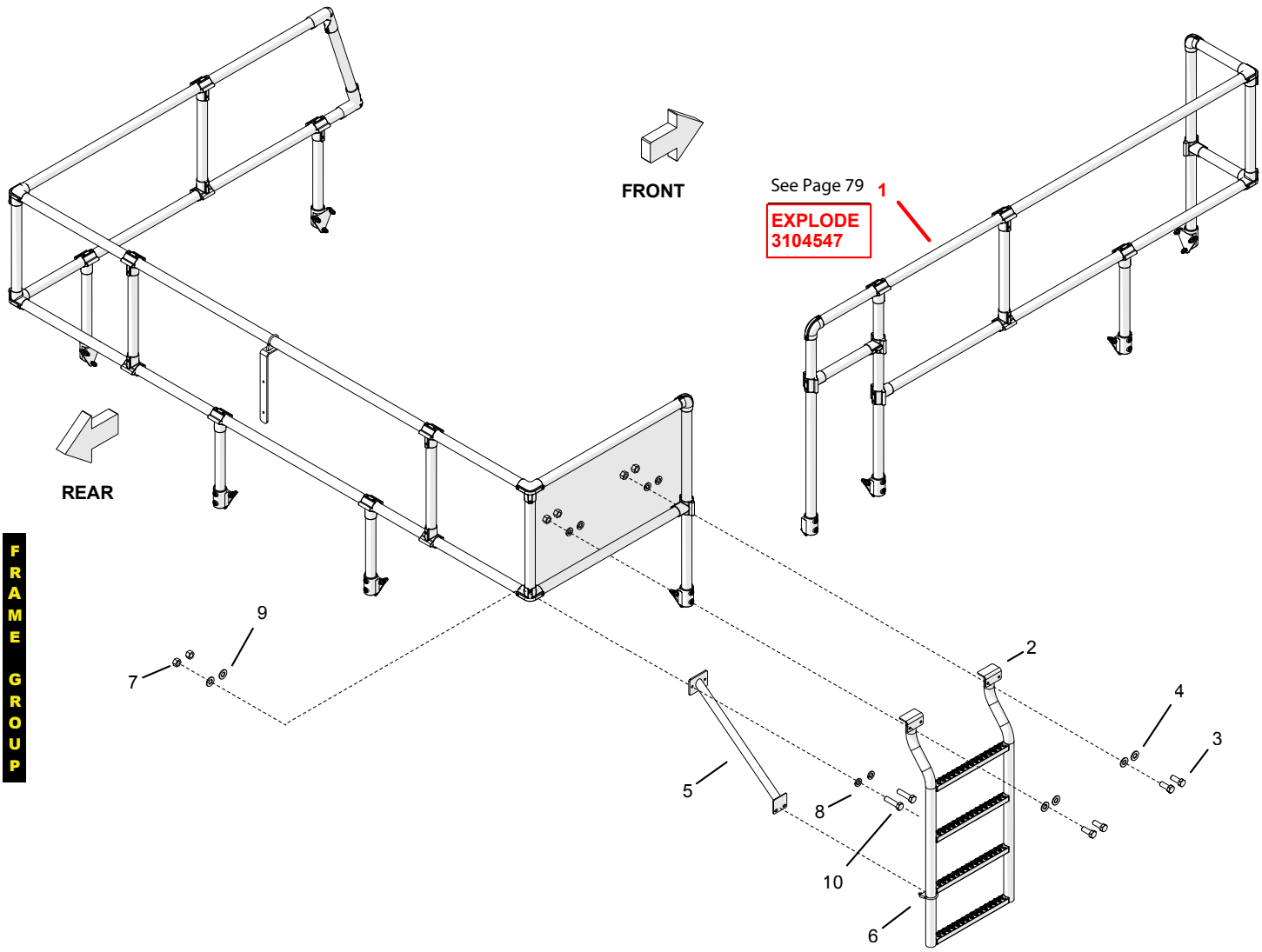
REF	PART NO.	QTY	DESCRIPTION
1	3143892	1	BAR-MOUNT,RH HOOD,FRONT
2	0120384	6	WASHER-LOCK,0.50,SPRING,PD
3	0120378	2	NUT-HEX,0.50NC,PD
4	0180177	6	SCREW-HEX,0.50NCX1.50,GR5,PD
5	3144357	2	MOUNT-ANGLE,HOOD, FIXED HEIGHT
6	0120390	8	WASHER-FLAT,0.50A,W.PD

Frame Group


See Page 78
VIEW A
VIEW D
See Page 85
See Page 80
VIEW B
VIEW C
See Page 82

Frame Group

VIEW - A

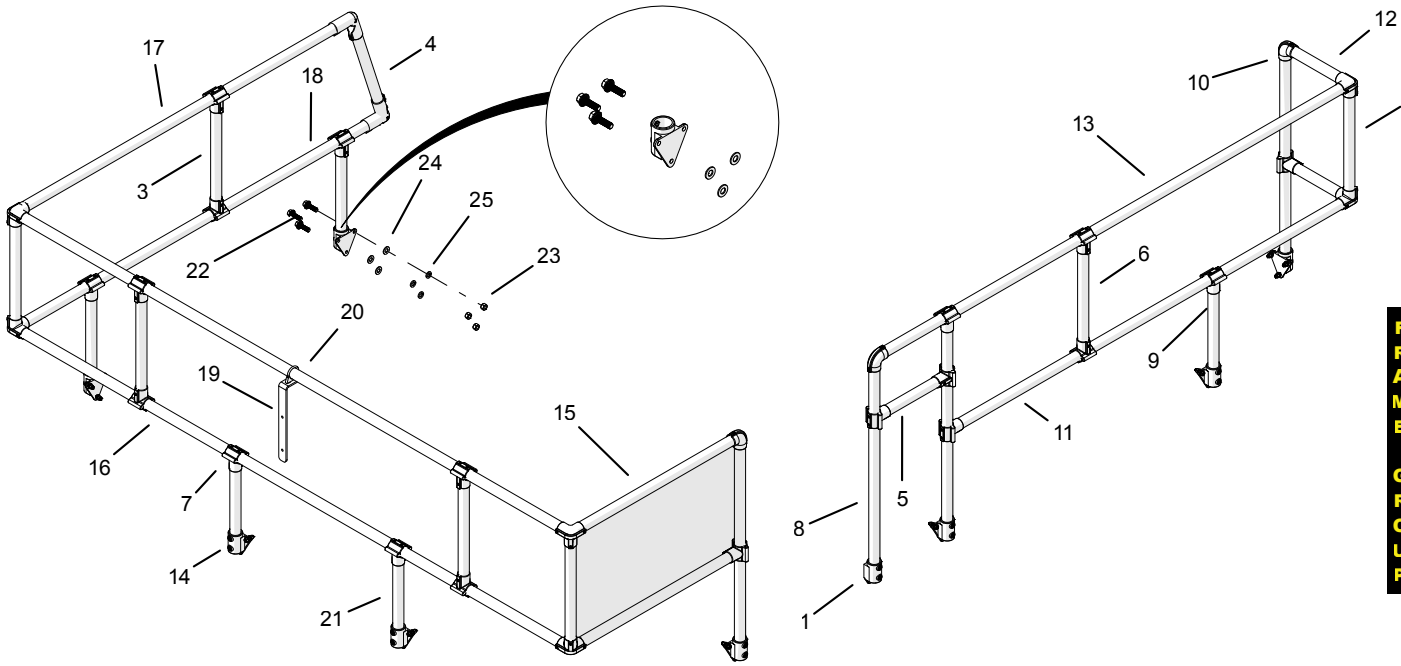


FRAME GROUP

REF	PART NO	QTY	DESCRIPTION
1	3104547	1	HANDRAIL&LADDER INST
2	3104988	1	LADDER ASM-RH SIDE,AL
3	0180122	4	SCREW-HEX,0.38NCX1.00,GR5,PD
4	0120388	4	WASHER-FLAT,SAE,STD,0.375
5	3105133	1	BRACE ASM-RH LADDER,STAGE V
6	6002949	1	CLAMP-MUFFLER,1-5/8"
7	0120377	6	NUT-HEX,0.38NC,PD
8	0120382	6	WASHER-LOCK,0.38,SPRING,PD
9	0274517	2	WASHER-FLAT,0.375,B,PD
10	0180126	2	SCREW-HEX,0.38NCX1.50,GR5,PD

Handrail & Ladder

3104547 - From *VIEW - A*



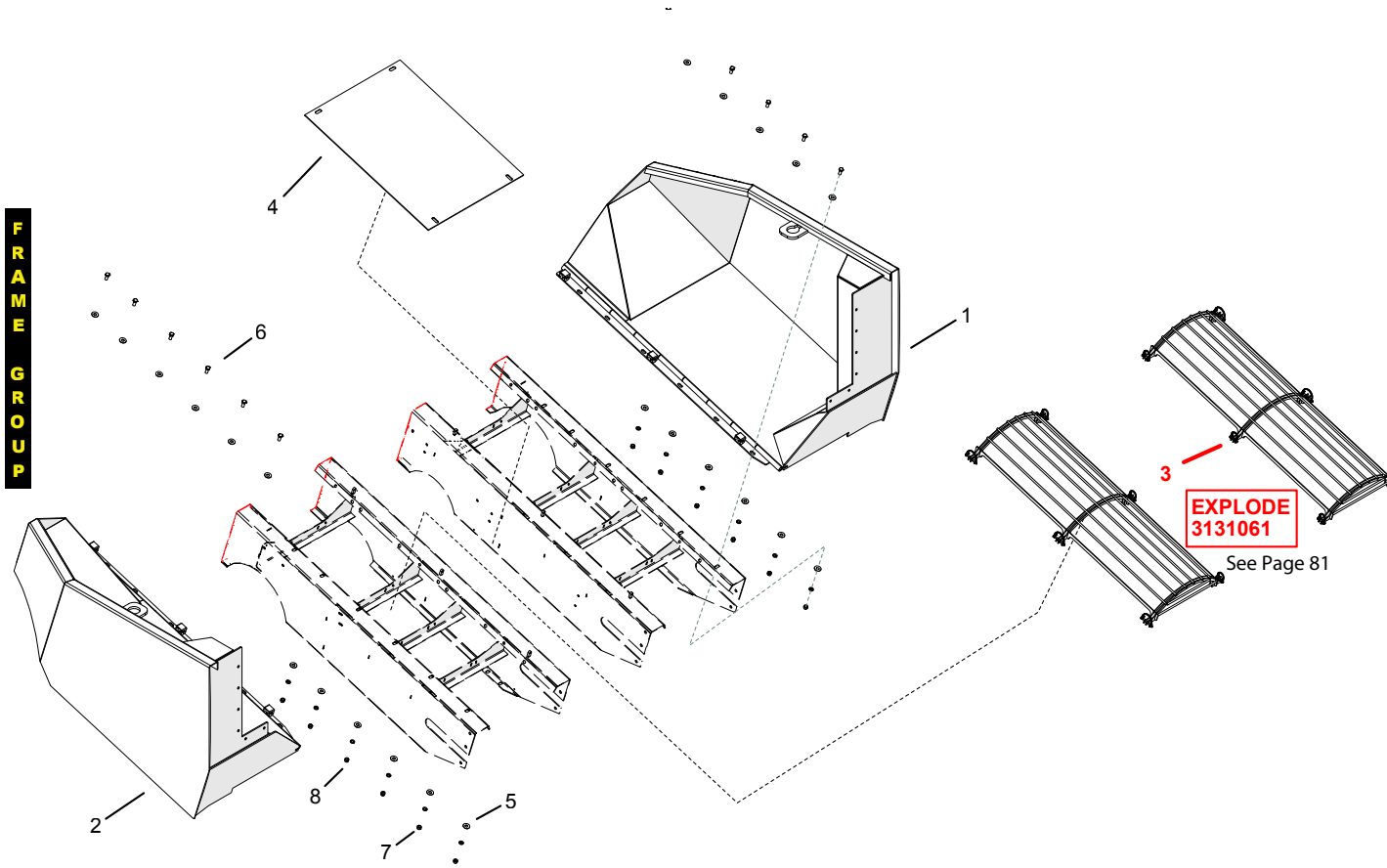
FRAME GROUP

REF	PART NO	QTY	DESCRIPTION
1	3104551	1	MODIFIED MOUNT-HANDRAIL FITTING
2	3104552	3	CORNER SUPPORT ASM-HANDRAIL
3	3104553	3	MID SUPPORT ASM-HANDRAIL
4	3104554	1	HANDLE ASM-HANDRAIL FITTINGS
5	3104499	1	HANDRAIL-CROSSBAR,E-CHAIN,FRNT
6	3104500	1	HANDRAIL-SUPPORT BAR
7	6440459	13	SLIP ON FITTING-2 PART PIECE
8	3104506	4	HANDRAIL-STR,RH FRNT
9	3104507	3	HANDRAIL-STR,SHRT,BOTTOM
10	6440460	3	ELBOW-90,SLIP ON,AL,1.25"PIPE
11	3104548	1	HANDRAIL-STR,BOTTOM FRNT,LONG
12	3104549	2	HANDRAIL-STR,RH FRNT,TOP,SMAL
13	3104550	1	HANDRAIL-STR,RH FRNT,TOP,LONG

REF	PART NO	QTY	DESCRIPTION
14	6440461	8	POCKET MOUNT-HANDRAIL FITTING
15	3104556	2	HANDRAIL-STR,RH REAR
16	3104557	2	HANDRAIL-STR,RH CENTER,LONG
17	3104558	1	HANDRAIL-STR,LH FRONT,TOP
18	3104559	1	HANDRAIL-STR,LH FRONT,BOTTOM
19	3104560	1	SUPPORT-EMBLEM,SMV
20	6002949	1	CLAMP-EXHAUST,1 5/8",PLATED
21	3104561	2	HANDRAIL-STR,CENTER,BOTTOM
22	6100880-04	26	BOLT-WIZ,0.375UNCX1.25 GR5,PD
23	0120377	26	NUT-HEX, 0.375"NC
24	0120388	26	WASHER-FLAT, SAE STD, 0.375"
25	0120382	26	WASHER-LOCK, SPRING. 0.38"

Frame Group

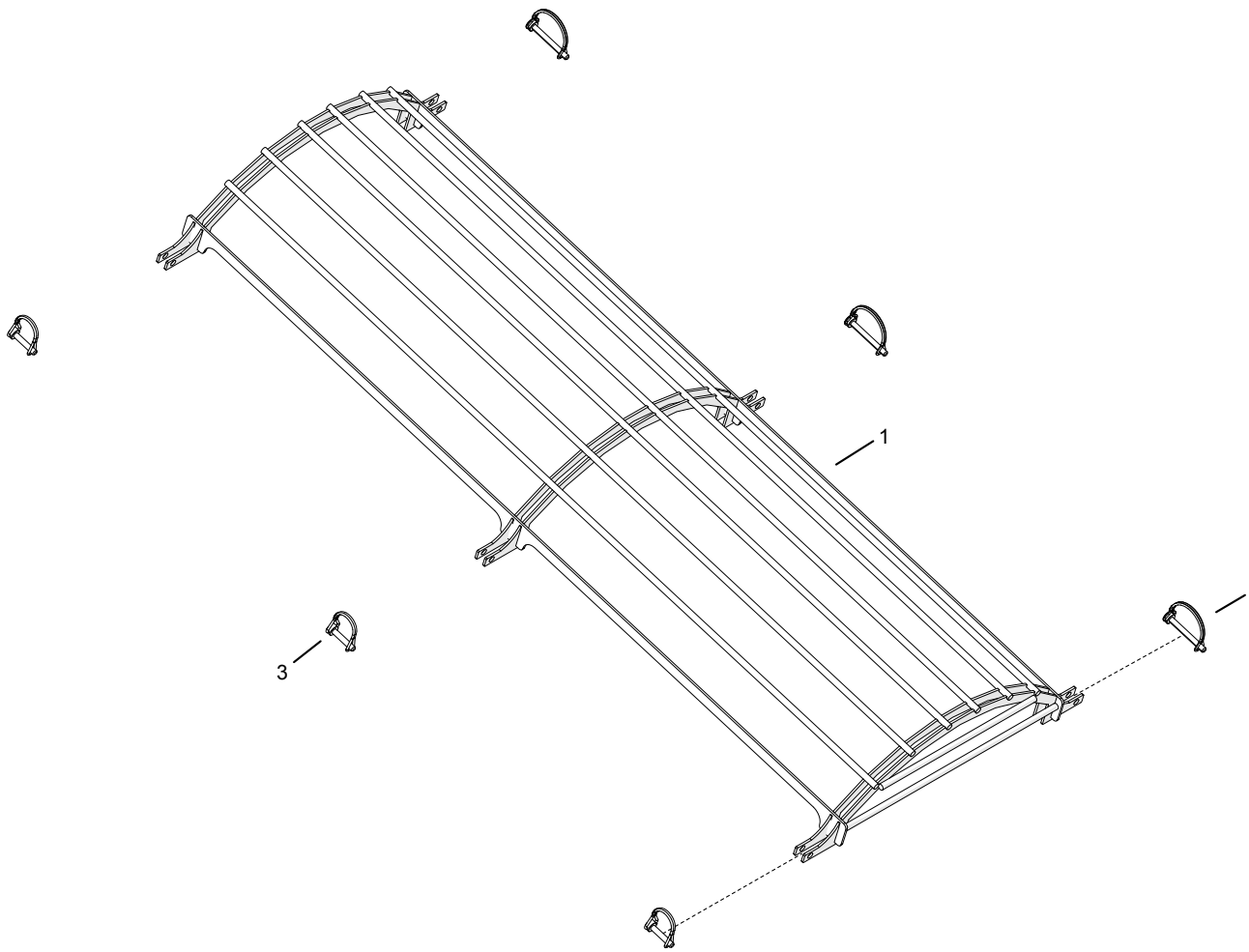
VIEW B



REF	PART NO	QTY	DESCRIPTION
1	3131062	1	WING ASM-HOPPER,RH,20'
2	3131066	1	WING ASM-HOPPER,LH,20'
3	3131061	2	GRATE ASM-CONV GUARD,24"
4	3122043	1	PLATE-BTWING HPR, MOTOR ACCESS
5	0120390	24	WASHER-FLAT,0.50A,W.PD
6	0180175	12	SCREW-HEX,0.50NCX1.25,GR5,PD
7	0120384	12	WASHER-LOCK,0.50,SPRING,PD
8	0120378	12	NUT-HEX,0.50NC,PD

Grate Assembly

3131061 - From *VIEW - B*

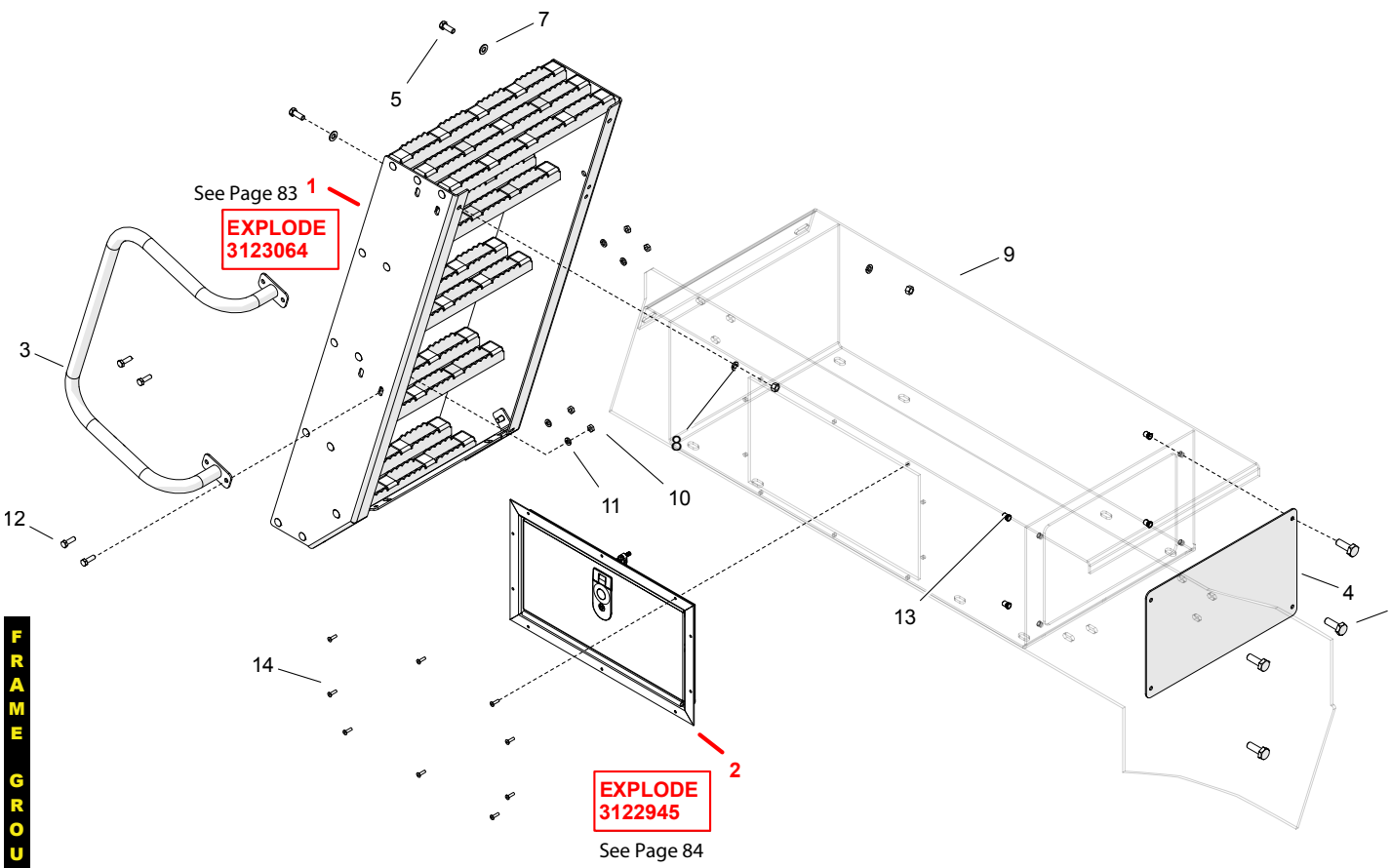


FRAME GROUP

REF	PART NO	QTY	DESCRIPTION
1	3131055	1	GRATE WLDMT-CONV GUARD,24"
2	6002935	3	PIN-CLEVIS,WIRE LOCK,5/16"X2"
3	Q528801	3	PIN-SAFETY SNAP,5/16 X 1 3/8

Frame Group

VIEW C



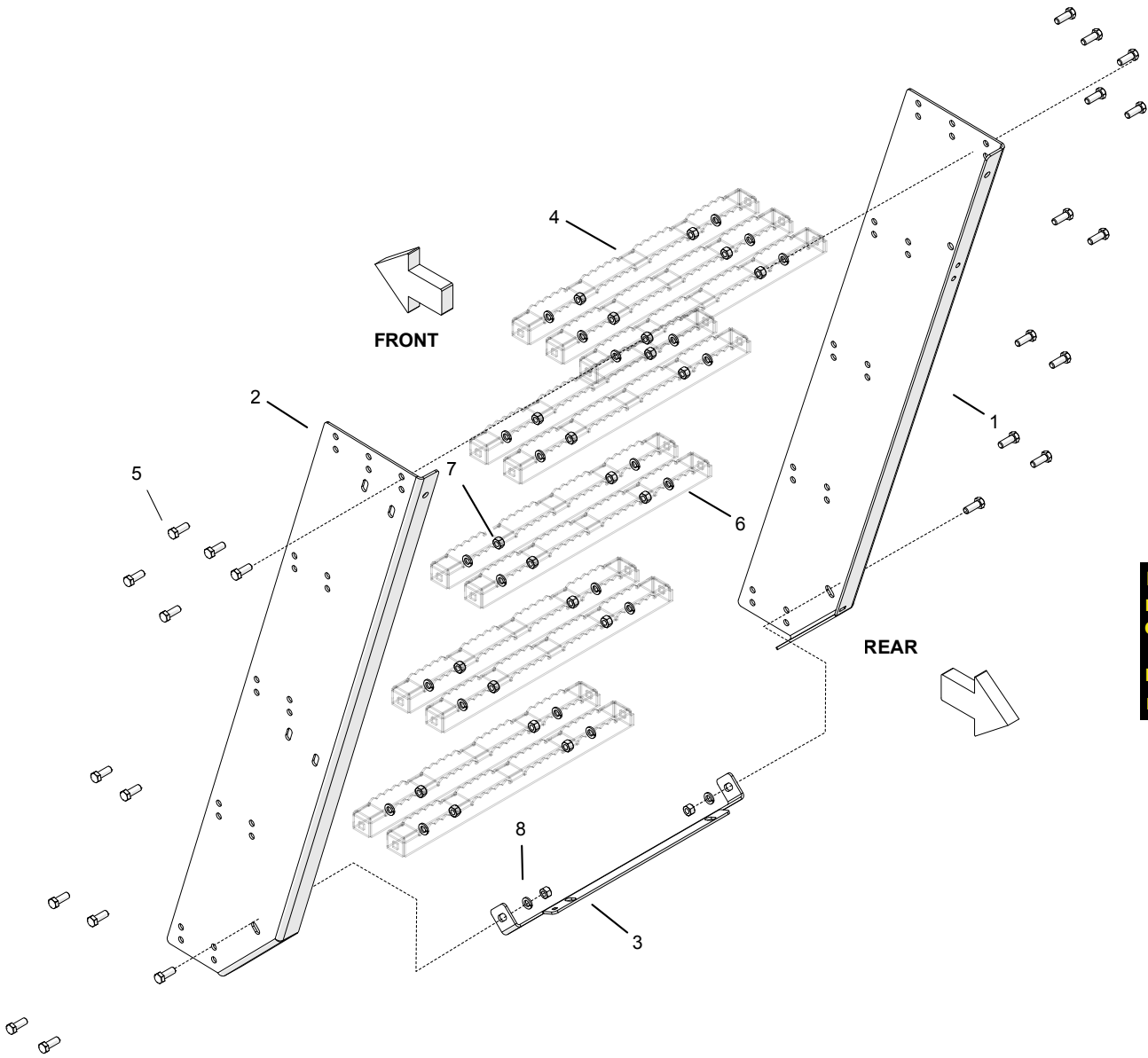
FRAME GROUP

REF	PART NO	QTY	DESCRIPTION
1	3123064	1	LADDER ASSY-CHIPPER 20CHIP
2	3122945	1	TOOLBOX ASM-DOOR & FRAME,20
3	3103339	1	HANDRAIL ASM, RH GRAB HANDLE
4	3121853	1	COVER-INSIDE TOOLBOX, 2011
5	0180122	2	SCREW-HEX,0.38NCX1.00,GR5,PD
6	0180020	4	SCREW-HEX,0.25NCX0.75,GR5,PD
7	0120388	2	WASHER-FLAT,SAE,STD,0.375
8	0120382	2	WASHER-LOCK,0.38,SPRING,PD

REF	PART NO	QTY	DESCRIPTION
9	0120377	2	NUT-HEX,0.38NC,PD
10	0120376	4	NUT-HEX,0.31NC,PD
11	0120214	4	WASHER-LOCK,0.31,SPRING,PD
12	0180079	4	SCREW-HEX,0.31NCX1.00,GR5,PD
13	6002820	4	RIVET NUT,1/4"-20.0.027-0.165"
14	6100374	10	RIVET-0.19 POP #SD68BS

Ladder Assembly

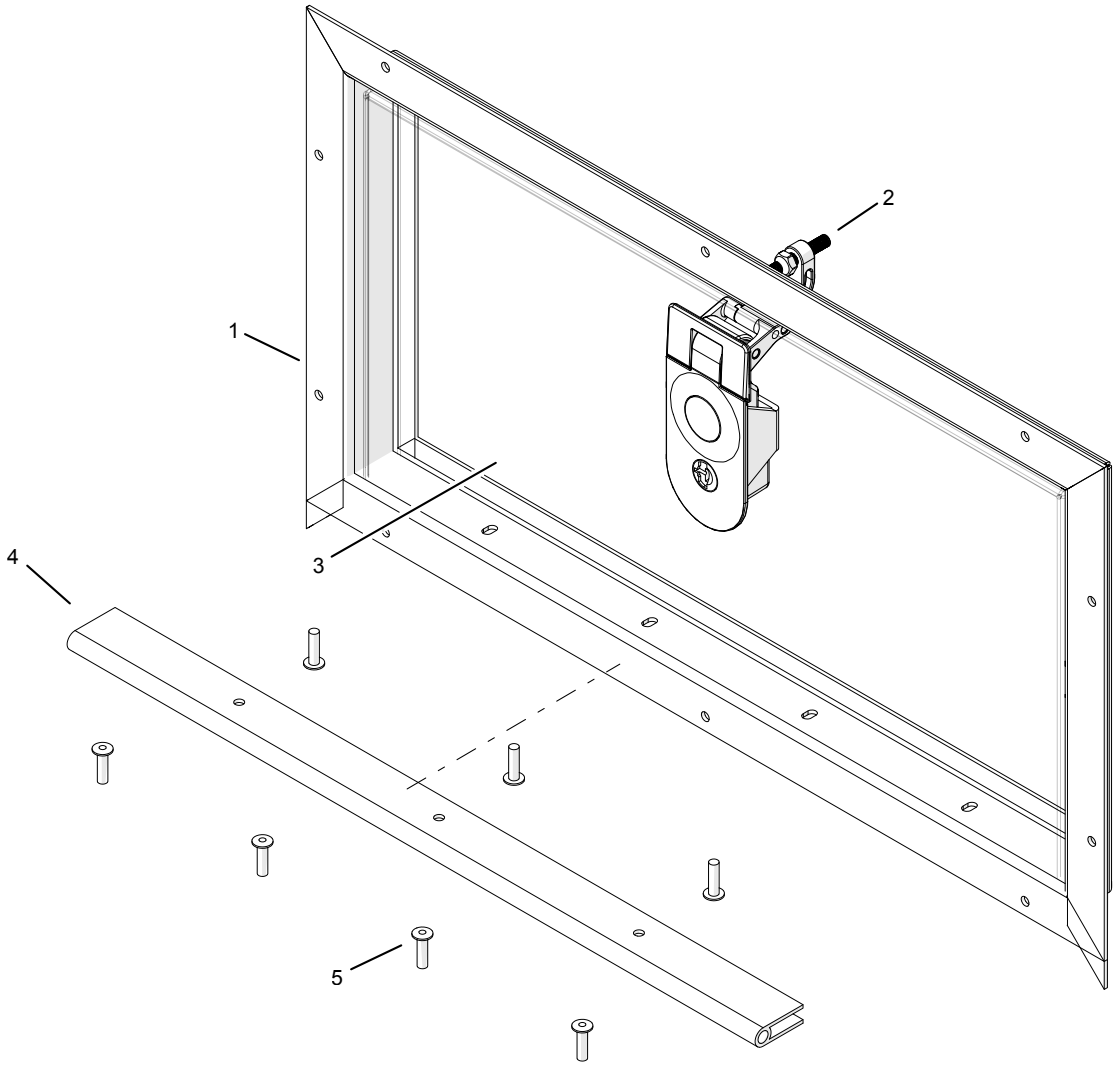
3123064 - From *VIEW - C*



REF	PART NO	QTY	DESCRIPTION
1	3123061	1	STRINGER-STEPS,LH 11CHIP
2	3123062	1	STRINGER-STEPS,RH, 11CHIP
3	3123063	1	ANGLE-LADDER,SUPPORT,11CHIP
4	3123239	11	RUNG-LADDER, TAB ON SIDE
5	0180122	24	SCREW-HEX,0.38NCX1.00,GR5,PD
6	0120382	22	WASHER-LOCK,0.38,SPRING,PD
7	0120377	24	NUT-HEX, 0.38NC,PD
8	0120388	2	WASHER-FLAT,SAE,STD,0.375

Toolbox Door & Frame Asm

3122945 - From *VIEW - C*

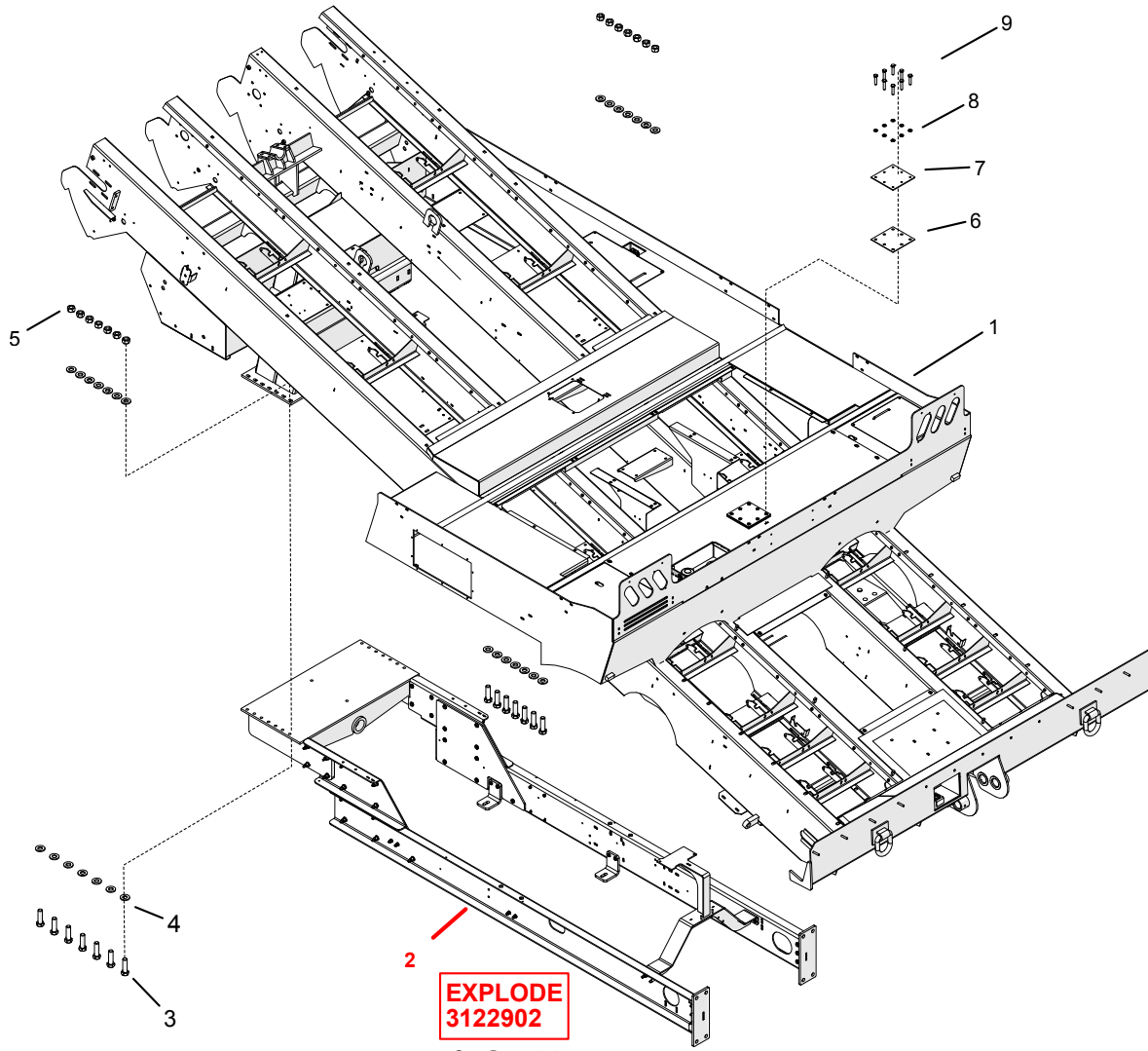


FRAME GROUP

REF	PART NO	QTY	DESCRIPTION
1	3122946	1	TOOLBOX FRAME WLDMT,20
2	6002509	1	DOOR LATCH
3	3122947	1	PLATE-TOOLBOX DOOR,2020
4	3122948	1	HINGE-PIANO 2" WIDE X 17-1/4"
5	6100374	7	RIVET-0.19 POP #SD68BS

Frame Group

VIEW D

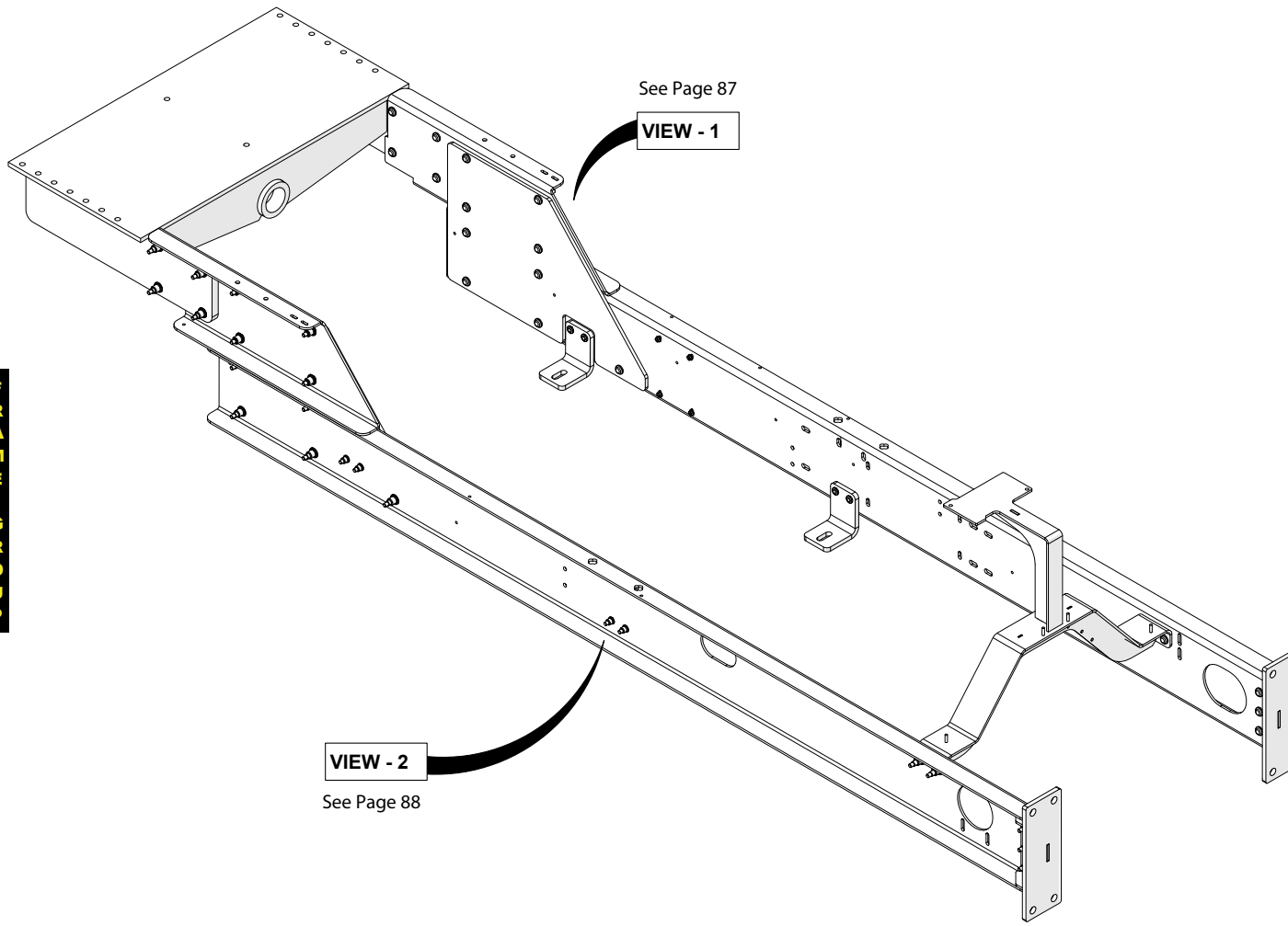


See Page 86

REF	PART NO	QTY	DESCRIPTION
1	10001889	1	FRAME ASM-UPPER, V/H, 2020
2	3122902	1	FRAME-LOWER,S5/T3,V/H,2020
3	0186646	14	SCREW-HEX,0.50NCX1.75,GR8,PD
4	9411417-CR	28	WASHER-FLAT,0.50A,HD,PCR
5	9411727	14	NUT-HEX,LOCK,0.50NC,EA,PD
6	3120384	1	FUEL INSPECTION GASKET,7IN
7	3120385	1	COVER-FUEL INSPECTION,7IN
8	0120214	8	WASHER-LOCK,0.31,SPRING,PD
9	0180083	8	SCREW-HEX, 0.31NC X 1.50, GR5,PD

Lower Frame

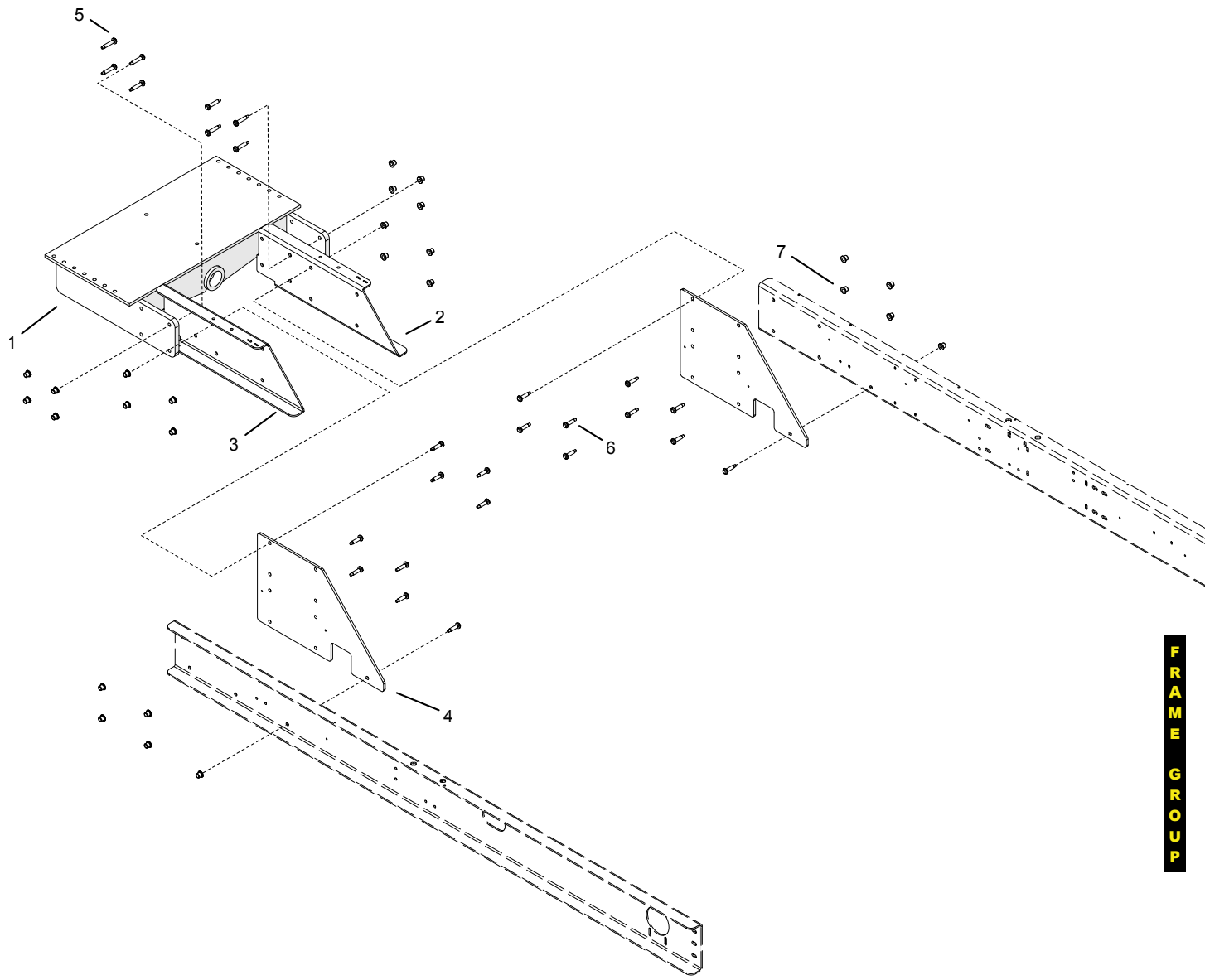
3122902 - From *VIEW - D*



FRAME GROUP

Lower Frame

VIEW 1 - From *3122902*

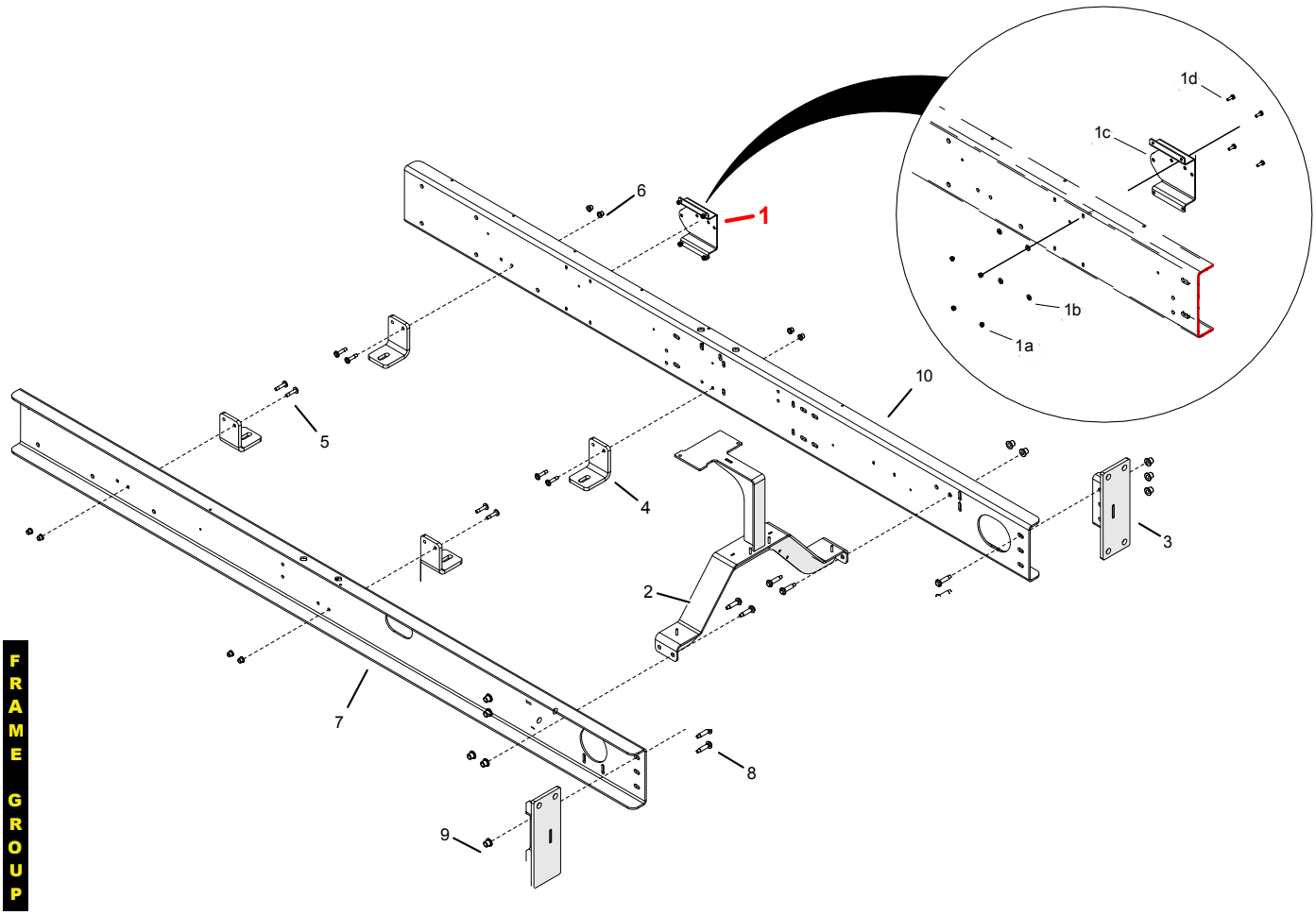


FRAME GROUP

REF	PART NO	QTY	DESCRIPTION
1	3122957	1	PYRAMID WLDT-FRNT AXLE,KESSLER
2	3122908	1	FRAME-RAIL,MAIN,LWR,RH
3	3122909	1	FRAME-RAIL,MAIN,LWR,LH
4	3122910	2	PLATE-SPLICE,LOWER FRAME
5	6100745	8	BOLT-HUCK,BT-DT16-16NP
6	6100743	18	BOLT-HUCK,BT-DT16-8NP
7	6100757	26	COLLAR-HUCK,BTC8-R16BL

Lower Frame

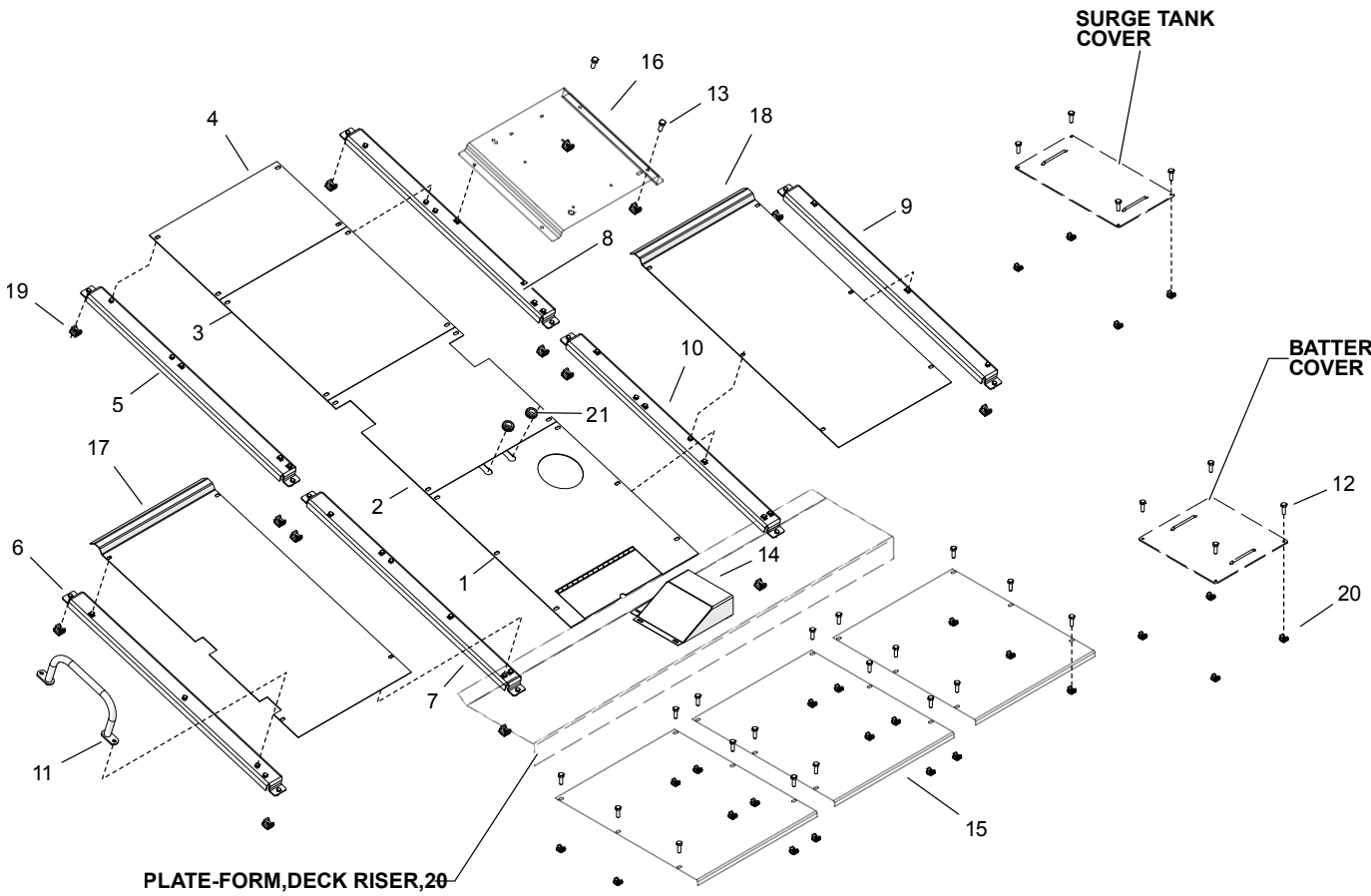
VIEW 2 - From *3122902*



FRAME GROUP

REF	PART NO	QTY	DESCRIPTION
1	3122907	1	FAN MOUNT ASM-BOLT ON
1a	→0120375	4	NUT-HEX, 0.25", PD
1b	→0120386	4	WASHER-FLAT, 0.25A(0.31 X 0.73), PD
1c	→3122905	1	PLATE-FAN MANIFOLD MNT, BOLT ON
1d	→0180020	4	SCREW-HEX, 0.25"NC X 0.75", GR5, PD
2	3122901	1	MOUNT SUBWLDMT-HITCH MANIFOLD
3	3122958	2	END PLATE WLDMT-BOLT ON
4	3122903	4	MOUNT-ENGINE,REAR,BOLT-ON
5	6100763	8	BOLT-HUCK,BT-DT12-10NP
6	6100769	8	COLLAR-HUCK,BTC8-R12BL
7	3122906	1	FRAME-RAIL,MAIN,LWR,LH,T3/S5
8	6100743	10	BOLT-HUCK,BT-DT16-8NP
9	6100757	10	COLLAR-HUCK,BTC8-R16BL
10	3122904	1	FRAME-RAIL,MAIN,LOWER,RH,T3/S5

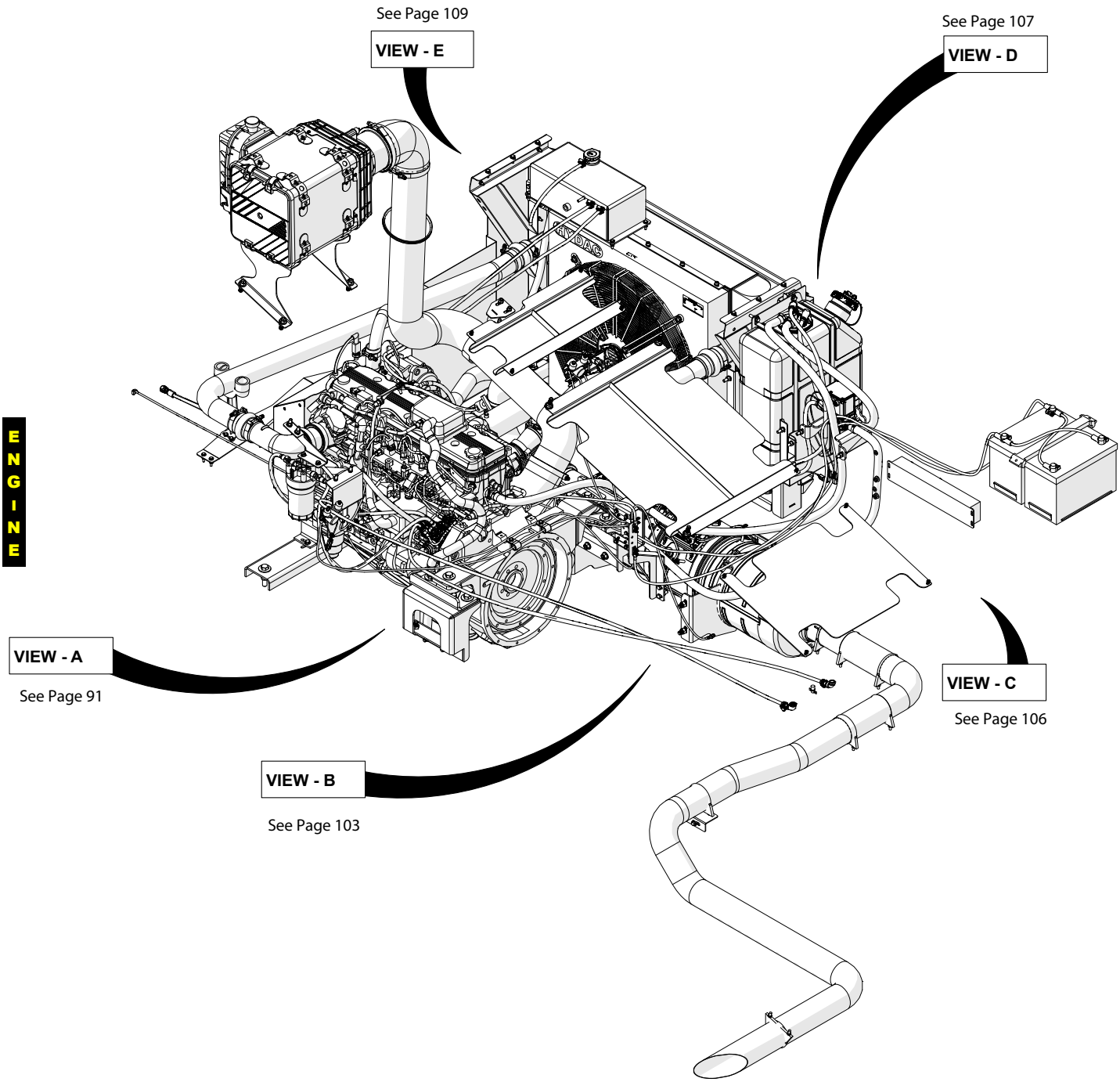
Covers & Decking



NOTE:
All Riser Assemblies (REF 5 - 10)
use REF 13 (0180122)
and REF 19 (6002906)

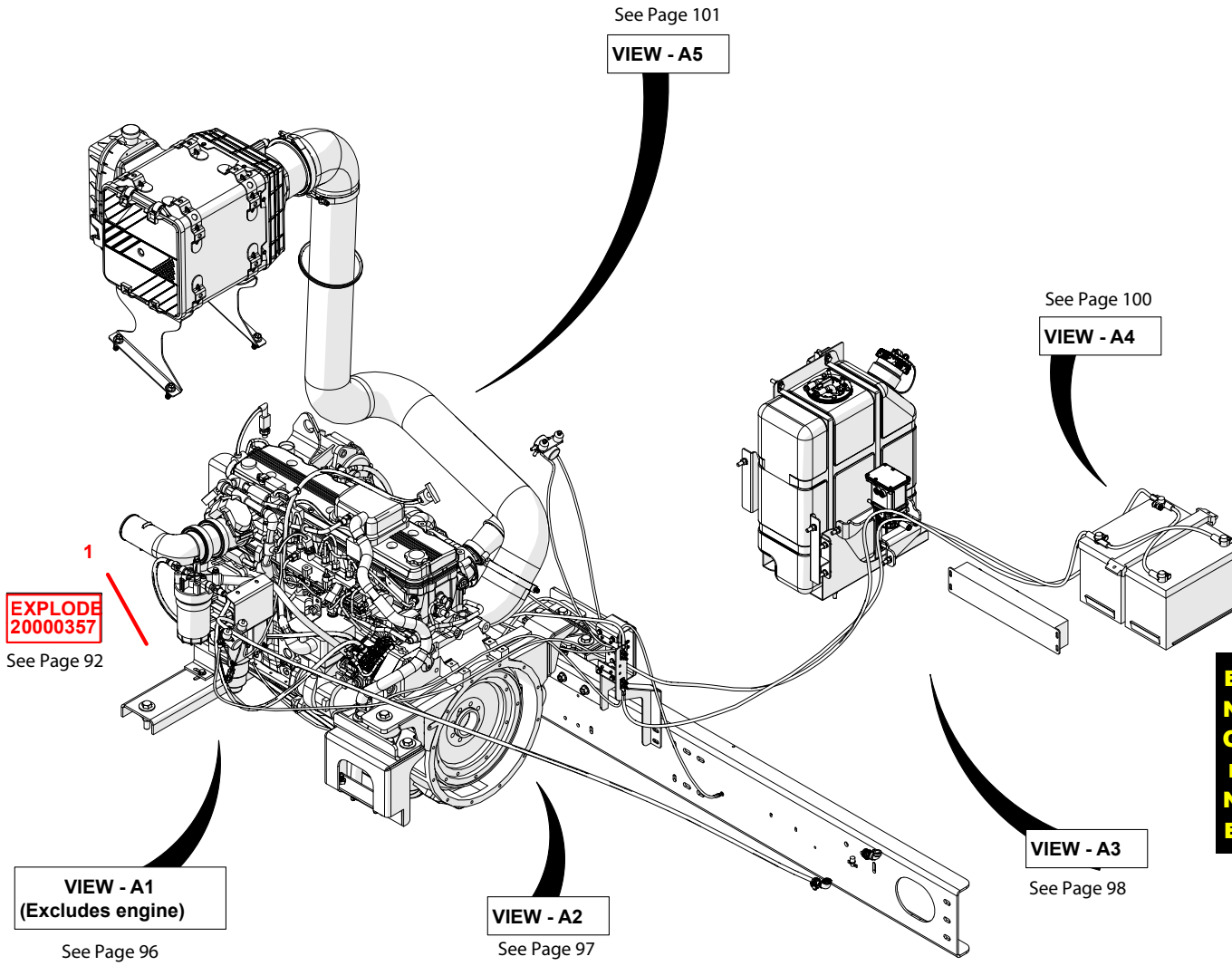
REF	PART NO	QTY	DESCRIPTION
1	3104777	1	DECKING-CTR,REAR SLOPE,STAGE V
2	3103338	1	DECKING-CTR,REAR SLOPE,QSB ENG
3	3103326	1	DECKING-CTR,REAR SLOPE,QSB ENG
4	3103328	1	DECKING-CTR,REAR SLOPE,QSB ENG
5	3123034	1	RISER ASM-TOP,LEFT,CHANNEL
6	3123035	1	RISER ASM-BOTTOM,LEFT,CHANNEL
7	3123036	1	RISER ASM-BOTTOM,CENTER,LEFT
8	3123037	1	RISER ASM-TOP,RH,CHANNEL
9	3123040	1	RISER ASM-BOTTOM,RH,CHANNEL
10	3123039	1	RISER ASM-BOTTOM,CNTR,RH
11	3103078	1	HANDRAIL ASM, LH GRAB HANDLE
12	0180079	26	SCREW-HEX,0.31NCX1.00,GR5,PD
13	0180122	2	SCREW-HEX,0.38NCX1.00,GR5,PD
14	3102213	1	COVER-DECK, E-CHAIN
15	3103162	3	DECK-PLATFORM,LH REAR,11CHIP
16	3103175	1	COVER-CONVEYOR,FRONT RH
17	3104775	1	COVER-CONVEYOR,INCLINE,CUTOUT
18	3104776	1	COVER-CONVEYOR,INCLINE,RH
19	6002906	14	NUT-SNAP IN,SQUARE,3/8"
20	6002929	26	NUT-SNAP IN,SQUARE,5/16"
21	Q400153	2	GROMMET-BLK RUBBER, 1" I.D.

Engine - QSB Stage V



Engine - QSB Stage V

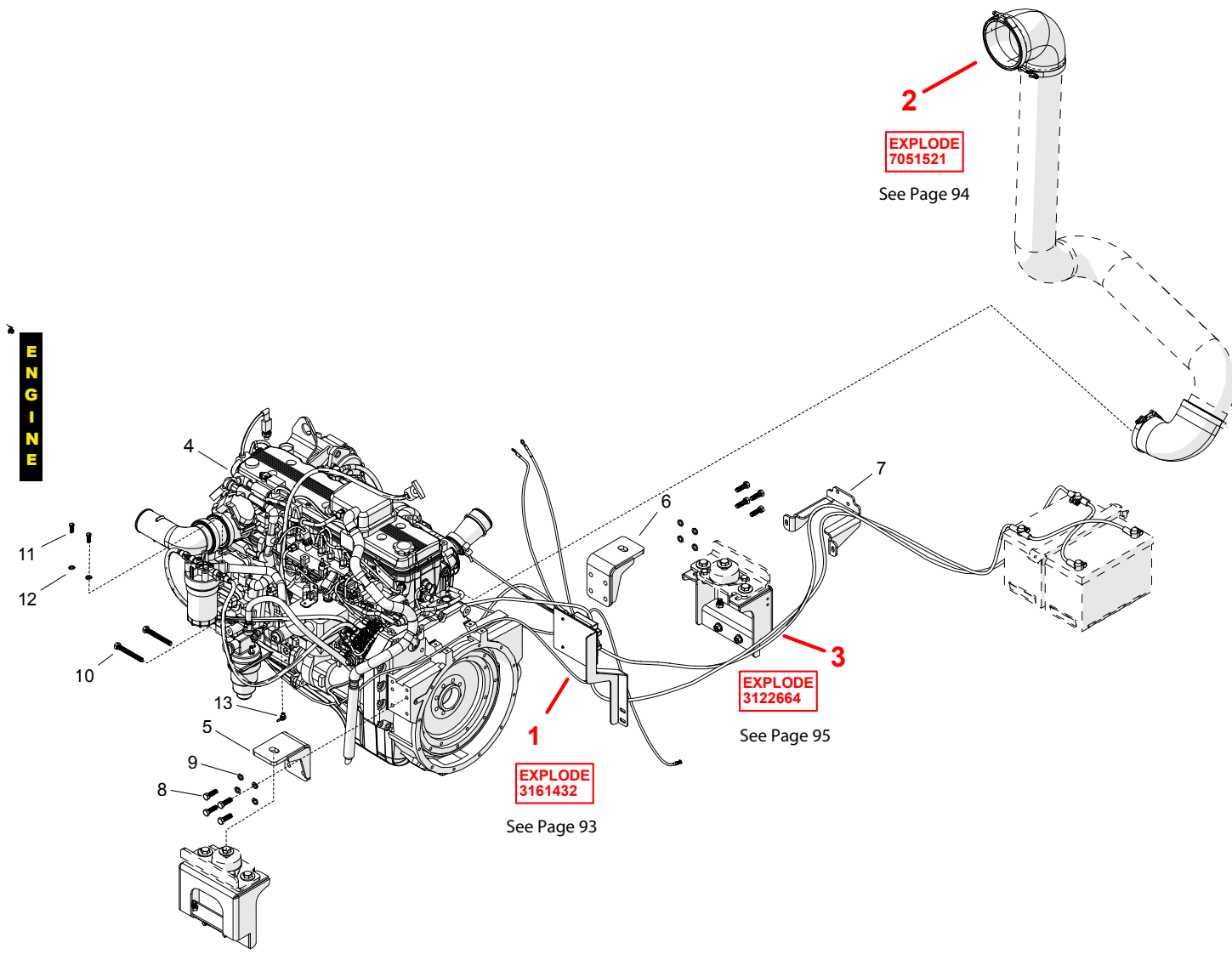
VIEW A



REF	PART NO	QTY	DESCRIPTION
1	20000357	1	ENGINE ASM-CUMMINS QSB6.7-280

Engine Assembly - Cummins

20000357 - From *VIEW A*

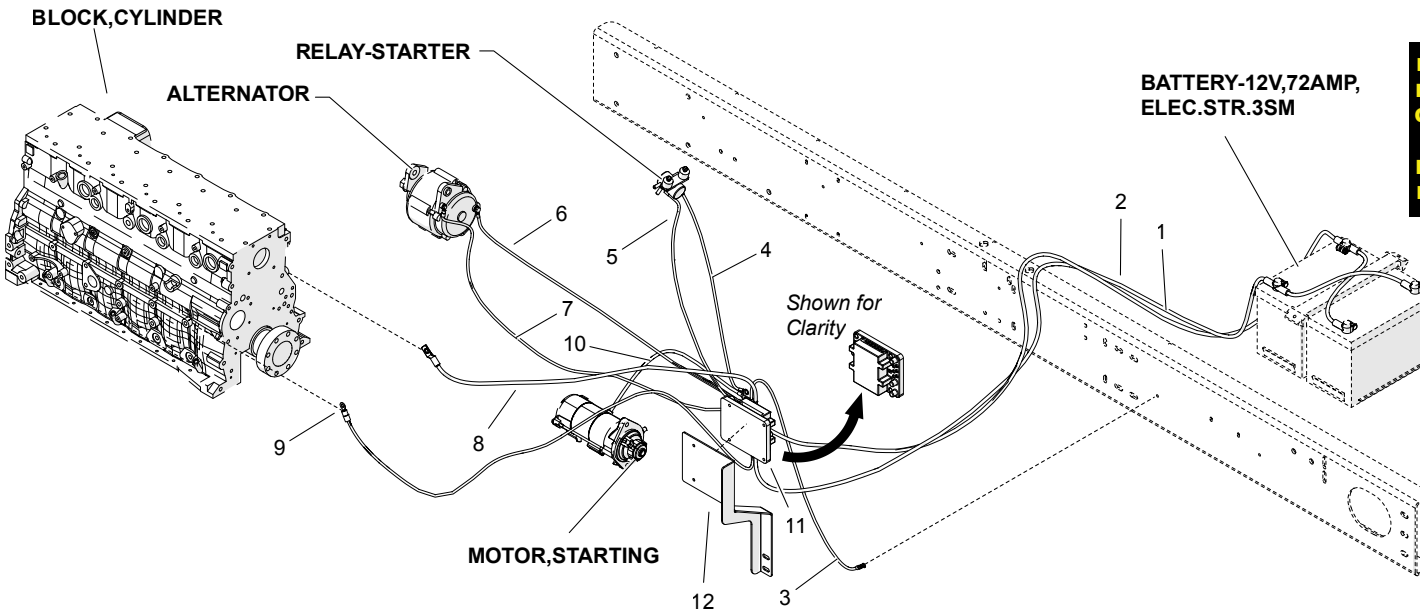


REF	PART NO	QTY	DESCRIPTION
1	3161432	1	BUSS BAR ASM-S5 ENGINE, 22'
2	7051521	13	PARTS KIT-LOOSE, S5 ENGINE
3	3122664	1	ENGINE MOUNT, REAR ASM
4	6400783	1	ENGINE-CUMMINS QSB-280,PERFORM
5	3122079	1	MOUNT-LH ENGINE
6	3122080	1	MOUNT-RH ENGINE
7	3122884	1	BRACKET,SUPPLY MODULE,BOLT-ON

REF	PART NO	QTY	DESCRIPTION
8	6001081	8	BOLT-METRIC,M12-1.75X40
9	6001082	8	WASHER-LOCK,METRIC,CHIPS
10	6001604	2	SCREW-HEX,M8X70MM,GR8.9,PD
11	6002720	2	SCREW-HEX,M8X20MM,1.25 P
12	6100357	2	WASHER-LOCK,SPG,METRIC,10MM,PD
13	6602242	1	HOSE END-3/16HOE X 1/8MPT,90

Buss Bar Asm

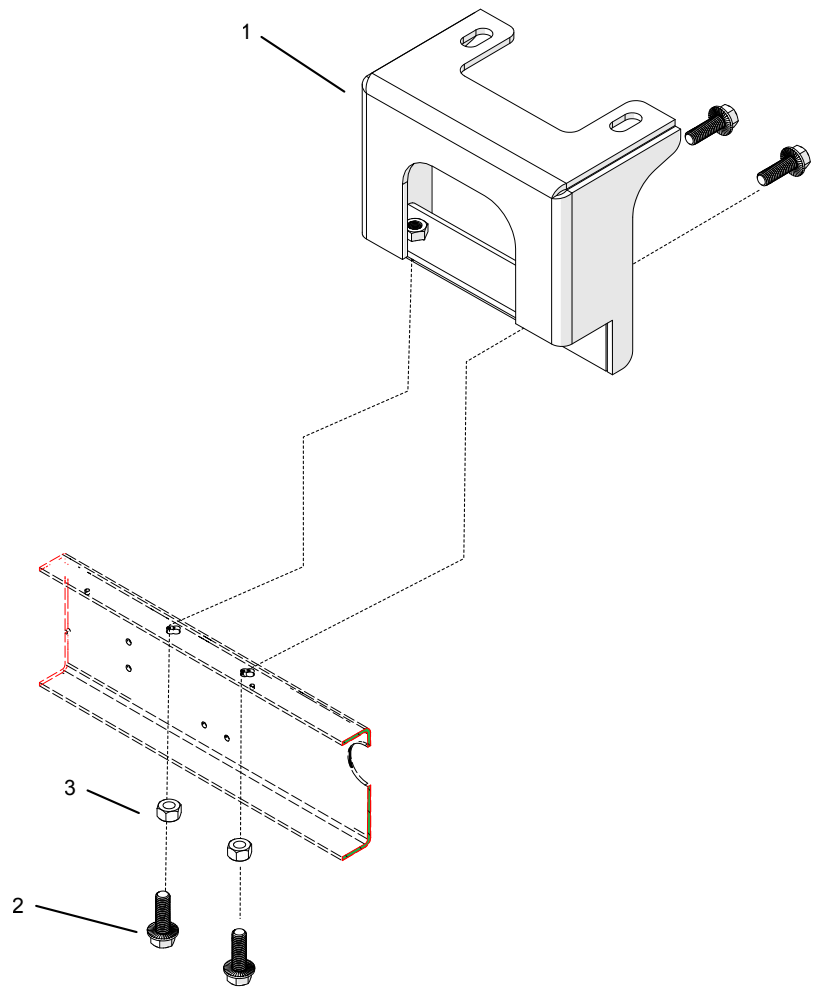
3161432 - From *20000357*



REF	PART NO	QTY	DESCRIPTION
1	3161429	1	CABLE ASM-BATTERY,POSITIVE
2	3161430	1	CABLE ASM-BATTERY,GROUND
3	3161437	1	CABLE-FRAME GROUND,4GA X 39"
4	3160995	1	CABLE-10GA,POSITIVE,39"
5	3160996	1	HARNESS-GND,REMOTE RELAY,39"
6	3161434	1	CABLE-ALTERNATOR +, 4GA X 60
7	3161240	1	CABLE-ALTERNATOR GND,4GA X 69"
8	3161436	1	CABLE-ENGINE GROUND,2/0 X 30"
9	3161241	1	CABLE-ENGINE ECM GROUND
10	3161438	1	CABLE-STARTER POWER,2/0
11	6705155	1	DISTRIBUTION MODULE-PWR,GND,FU
12	3161431	1	MOUNT BRACKET
13	3161415	1	HARNESS-A.T.+BUSSBAR POWER (Not Shown)

Engine Mount, Rear Asm

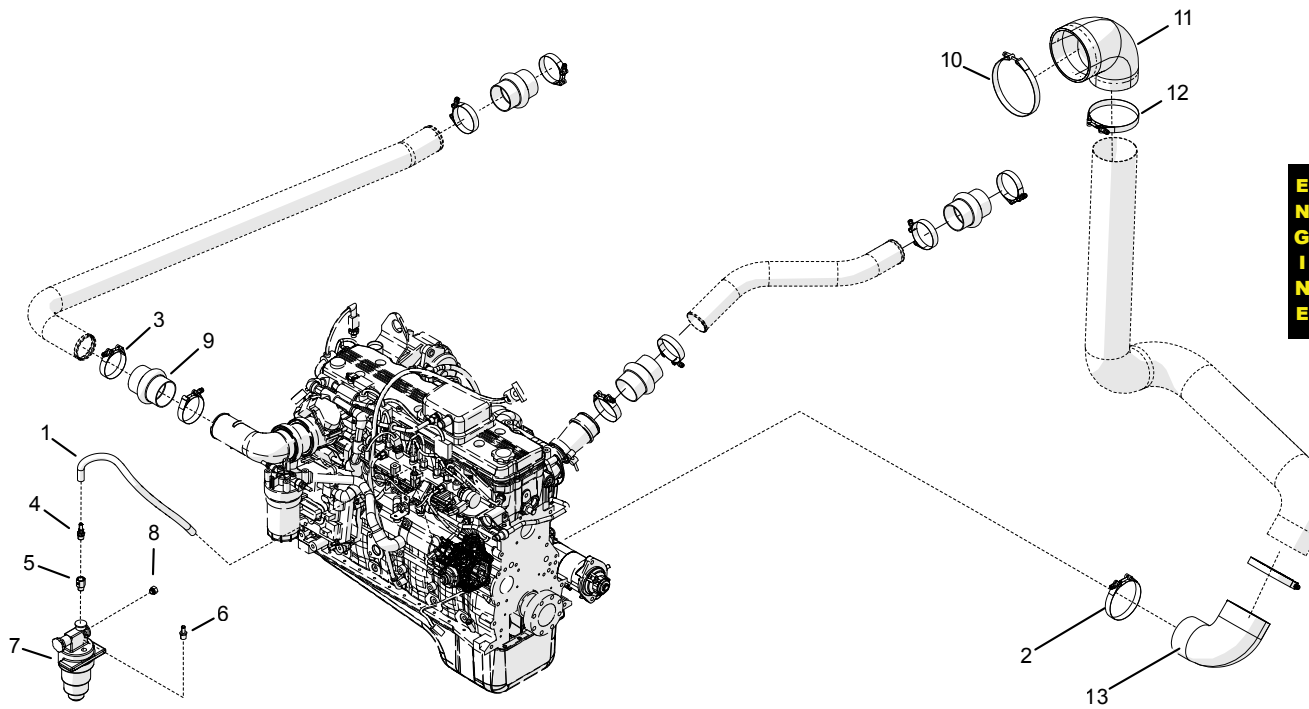
3122664 - From *20000357*



REF	PART NO	QTY	DESCRIPTION
1	3161432	1	ENGINE MOUNT REAR, WLDMENT
2	6100881-05	4	BOLT-WIZ,0.50UNCX1.50 GR5,PD
3	6100072	4	NUT-HEX, 0.50"NC, GM-301M, PN

Parts Kit - Loose

7051521 from 20000357



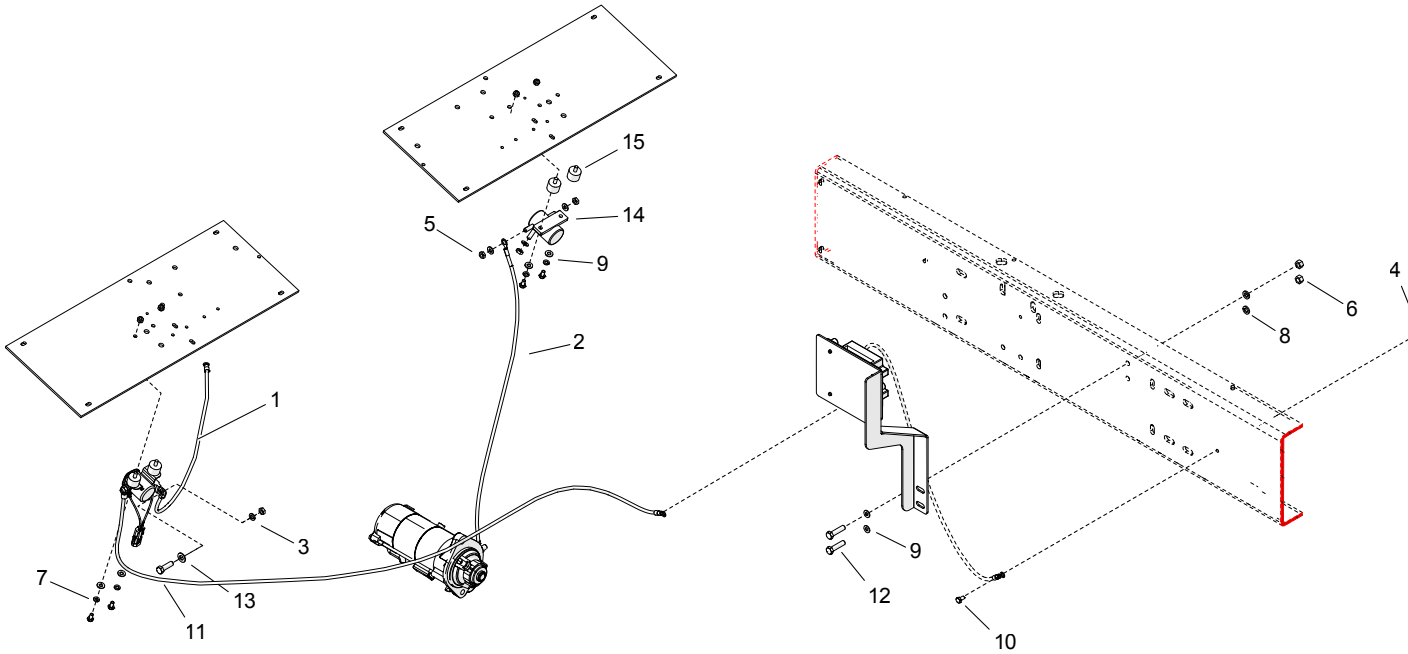
ENGINE

REF	PART NO	QTY	DESCRIPTION
1	6605167	1	HOSE-FS TO ENG;SAE100R6,1/2X72
2	6001480	1	CLAMP-T-BOLT,4.53" TO 4.84"
3	6001495	8	CLAMP-T-BOLT,3.28" TO 3.59"
4	7051522	1	FTG,ST,3/8"MNPT-SAE J2044
5	6605231	1	ADAPTER-FUEL,90,06MB-06FP,PD
6	6605229	1	FTG,ST,06BEAD-X-SAE 06
7	6400760	1	FILTER ASM-FUEL,HYDAC,WIF,S5

REF	PART NO	QTY	DESCRIPTION
8	7051524	1	PLUG-FUEL PORT,M14X1.5
9	7050347	4	HOSE HUMP-3"ID,HIGH TEMP
10	7051417	1	CLAMP,T-BOLT;6.50-6.81
11	7051420	1	ELBOW-REDUCER,90,6"X5"
12	6001618	2	CLAMP-T-BOLT,5.28" TO 5.59"
13	7051421	1	ELBOW-REDUCER,90,5"X4"

Engine - QSB Stage V

VIEW A1 - From *VIEW A*

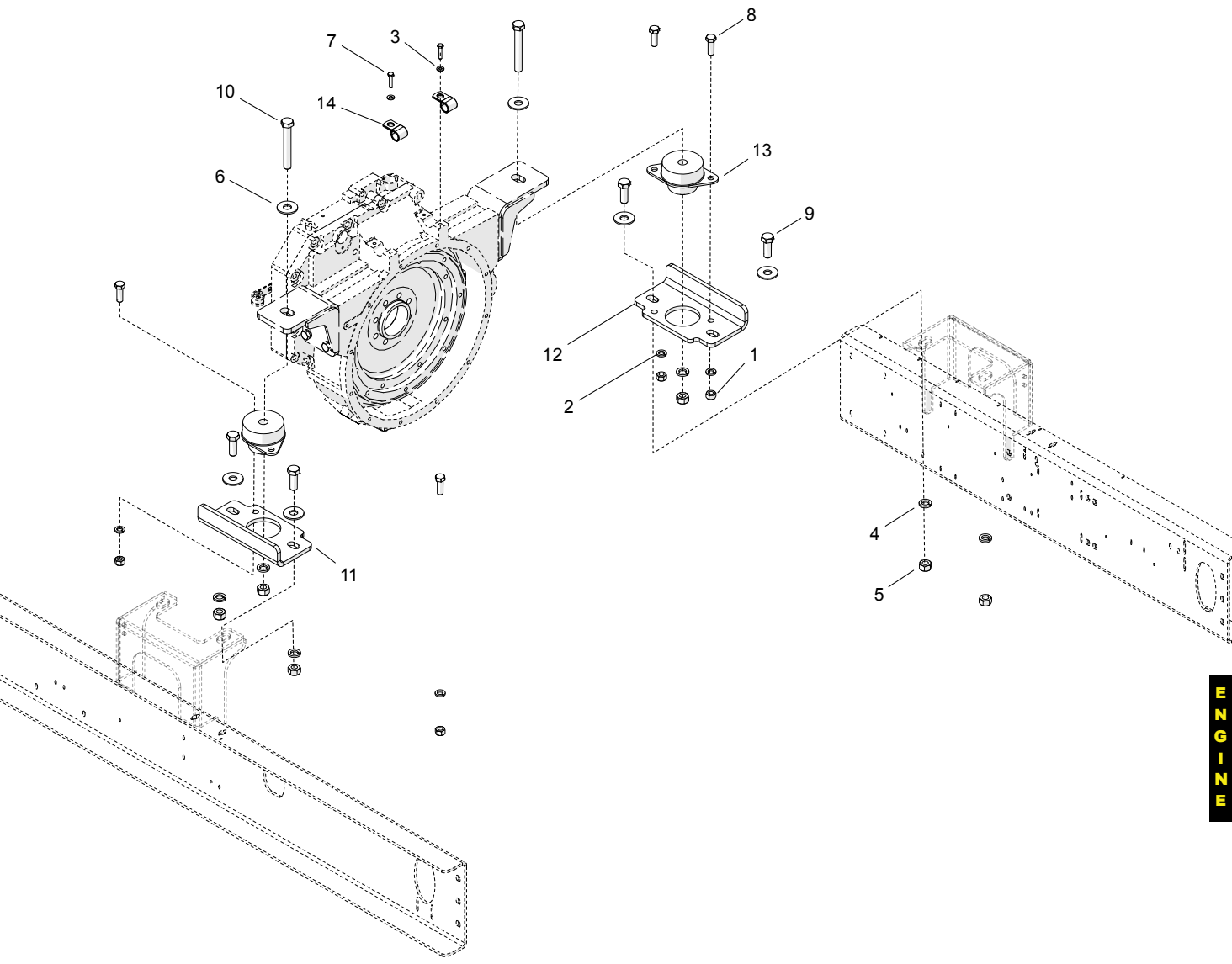


REF	PART NO	QTY	DESCRIPTION
1	3161230	1	GRID HEATER RELAY ASM,TIERIV
2	3161093	1	CABLE-10GA,POSITIVE,42"
3	0120214	1	WASHER-LOCK,0.31,SPRING,PD
4	0120375	5	NUT-HEX,0.25NC,PD
5	0120376	4	NUT-HEX,0.31NC,PD
6	0120377	2	NUT-HEX,0.38NC,PD
7	0120380	4	WASHER-LOCK,0.25,SPRING,PD
8	0120382	2	WASHER-LOCK,0.38,SPRING,PD

REF	PART NO	QTY	DESCRIPTION
9	0120386	9	WASHER-FLAT,0.25A(0.31X0.73)PD
10	0180016	5	SCREW-HEX,0.25NCX0.50,GR5,PD
11	0180124	1	SCREW-HEX,0.38NCX1.25,GR5,PD
12	0180126	2	SCREW-HEX,0.38NCX1.50,GR5,PD
13	0274517	1	WASHER-FLAT,0.375,B,PD
14	6703659	1	RELAY-STARTER,12V,100A,CONT
15	6702015	2	ISOLATOR-RELAY

Engine - QSB Stage V

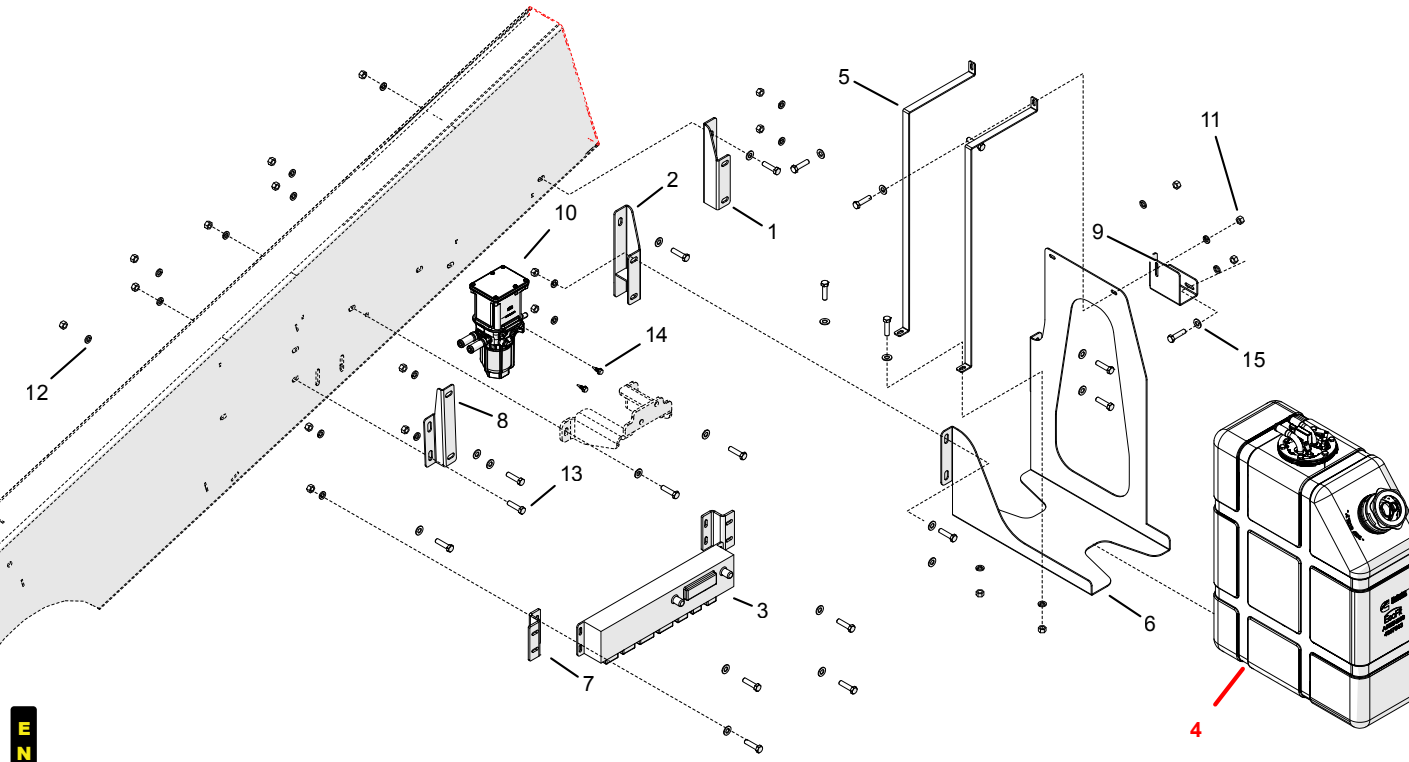
VIEW A2 - From *VIEW A*



REF	PART NO	QTY	DESCRIPTION
1	0120378	4	NUT-HEX,0.50NC,PD
2	0120384	4	WASHER-LOCK,0.50,SPRING,PD
3	0120386	2	WASHER-FLAT,0.25A(0.31X0.73)PD
4	0121574	6	WASHER-LOCK,0.62,SPRING,PD
5	0124589	6	NUT-HEX,0.62NC,PD
6	0130999	6	WASHER-FLAT,0.62A(0.69X1.75)PD
7	0180024	2	SCREW-HEX,0.25NCX1.25,GR5,PD
8	0180177	4	SCREW-HEX,0.50NCX1.50,GR5,PD
9	0271548-CR	4	SCREW-HEX,0.63NCX1.75,GR5,PCR
10	S240001	2	SCREW-HEX,0.63NCX4.00,GR5,PD
11	3122078	1	ANGLE-REAR ENGINE MT,LH ISO
12	3122083	1	ANGLE-REAR ENGINE MT,RH ISO
13	6001049	2	MOUNT-CUSHION, REAR ENGINE
14	6002076	2	CLAMP-RUBBER COATED,3/4"X.531

Engine - QSB Stage V

VIEW A3 - From *VIEW A*



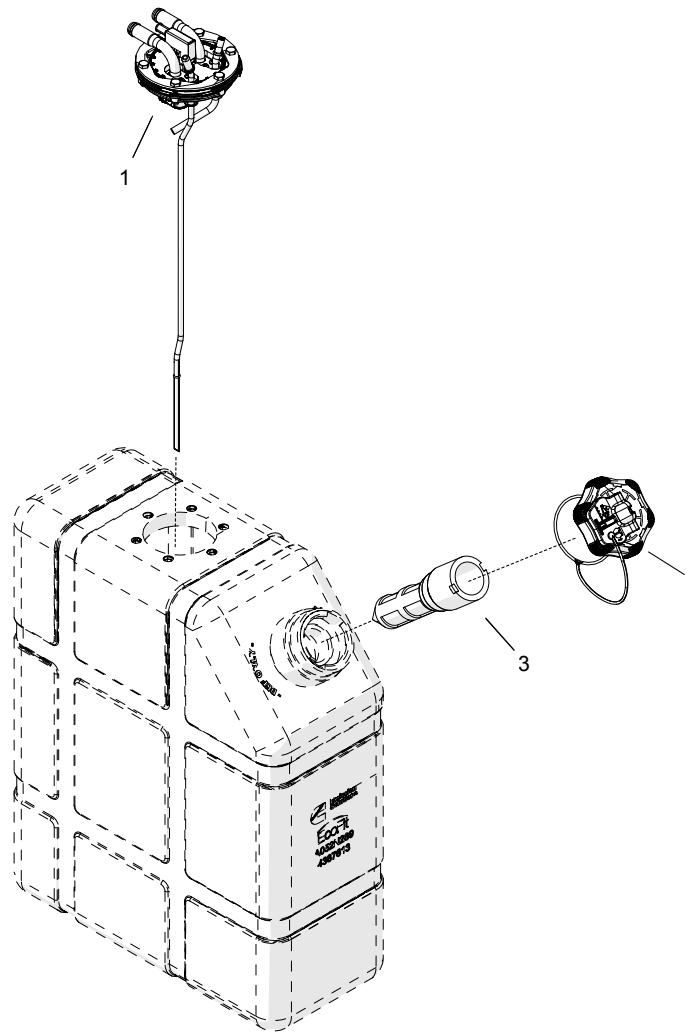
EXPLODE
7051426
See Page 99

ENGINE

REF	PART NO	QTY	DESCRIPTION
1	3123254	3	BRACKET-WELDMENT-DEF TANK,RH
2	3123253	3	BRACKET-WELDMENT-DEF TANK,LH
3	6705112	1	AFTERTREATMENT MODULE-STAGE V
4	7051426	1	TANK-DEF,PROTRAIT, 10GAL
5	3111705	2	BAND-DEF TANK BRACKET,TIER4
6	3111706	1	SHELF-DEF TANK BRACKET,TIER4
7	3105307	2	BRACKET, STANDOFF, AFTERTREAT
8	3122749	1	ANGLE-RH,STD T4 JUNCT BOX MT
9	3123321	1	DEF TANK STIFFENER BRACKET
10	7051428	1	SUPPLY MODULE,12V/24V
11	0120377	20	NUT-HEX,0.38NC,PD
12	0120382	20	WASHER-LOCK,0.38,SPRING,PD
13	0180126	20	SCREW-HEX,0.38NCX1.50,GR5,PD
14	6000550	2	SCREW-HEX,0.25-14X0.75,TEK3,PD
15	0274517	20	WASHER-FLAT,0.375,B,PD

Tank-Def,Protrait, 10 Gal

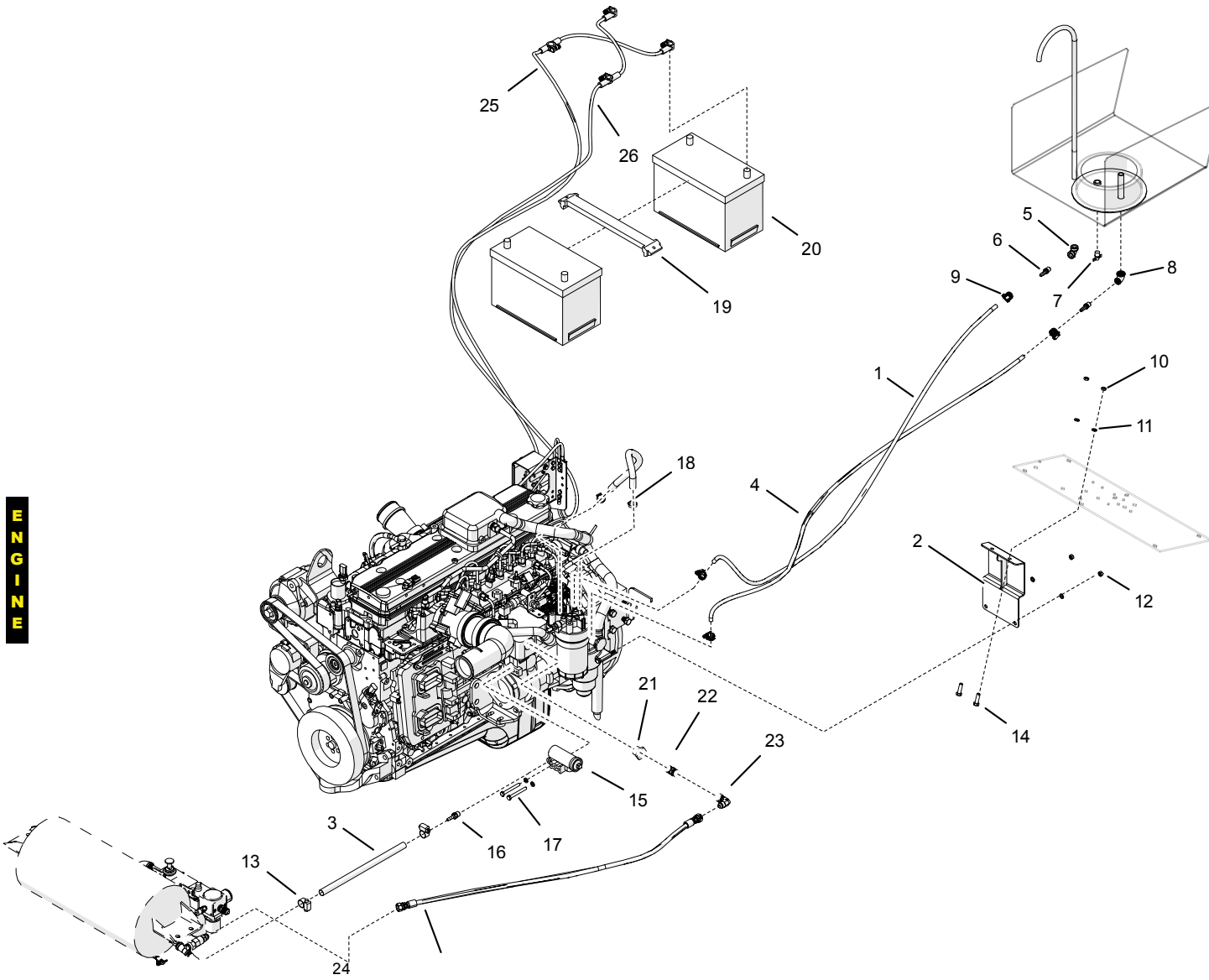
7051426 *from VIEW A3*



REF	PART NO	QTY	DESCRIPTION
1	7051656	1	HEADER-DEF TANK,10GAL(7051426)
2	7051822	1	CAP-DEF TANK,FOR 7051426
3	7051590	1	FILTER-DEF TANK,FOR 7051426

Engine - QSB Stage V

VIEW A4 - From *VIEW A*

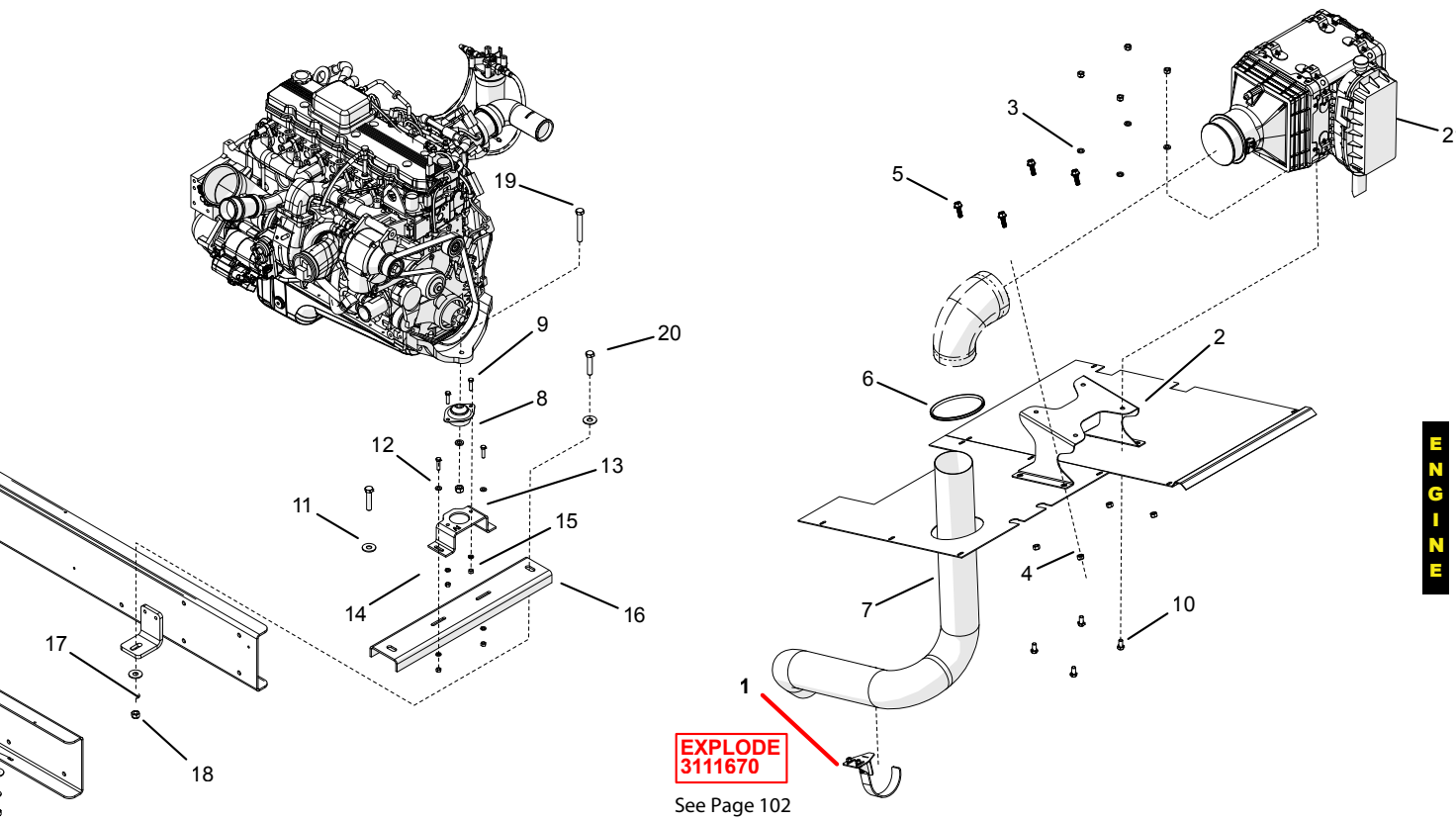


REF	PART NO	QTY	DESCRIPTION
1	3182964	1	HOSE-5/16"X108" LONG,LP
2	3104708	1	BRACKET WLDMT-FUEL FILTER,S5
3	3181859	1	HOSE-3/16"X52" LONG,LP
4	3182963	1	HOSE-5/16"X144" LONG,LP
5	0144127	1	ELBOW-PIPE,90,0.25NPT,PD
6	6603377	2	HOSE END-5/16HOSEX1/4MPT-STRT
7	6600162	1	COCK-DRAIN,0.25",EXTERNAL SEAT
8	0179530	1	ELBOW-PIPE,90,0.38X0.25NPT,PD
9	6001120	4	CLAMP-HOSE,SCREW TYPE,NO.8
10	0120376	2	NUT-HEX,0.31NC,PD
11	0120214	6	WASHER-LOCK,0.31,SPRING,PD
12	6002703	2	NUT-HEX,M8-1.25,FIN
13	6001005	2	CLAMP-HOSE,SCREW TYPE,M5
14	0180124	2	SCREW-HEX,0.38NCX1.25,GR5,PD

REF	PART NO	QTY	DESCRIPTION
15	7051363	1	GOVERNOR,D-2,BENDIX,VALVE
16	6602241	1	HOSE END-3/16HOSEX1/8MPT-STRT
17	6100328	2	SCREW-HEX,0.31NCX2.75,GR5,PD
18	6000092	2	CLAMP-HOSE,0.75-1.00ID,QS500
19	6002825	1	HOLD DOWN KIT-BATTERY
20	6700240	2	BATTERY-12V,72AMP,ELEC.STR.3SM
21	0144042	1	BUSHING-PIPE,0.75X0.50NPT,PD
22	9402709	1	ADAPTER-HYDR,ST,08MJ-08MP
23	9410281	1	ELBOW-HYDR,90,08FJX-08MJ
24	6602274	1	HOSE ASM-AIR-SS-8FJX-8FJX
25	3161337	1	CABLE-BATTERY +
26	3161338	1	CABLE-BATTERY -

Engine - QSB Stage V

VIEW A5 - From *VIEW A*



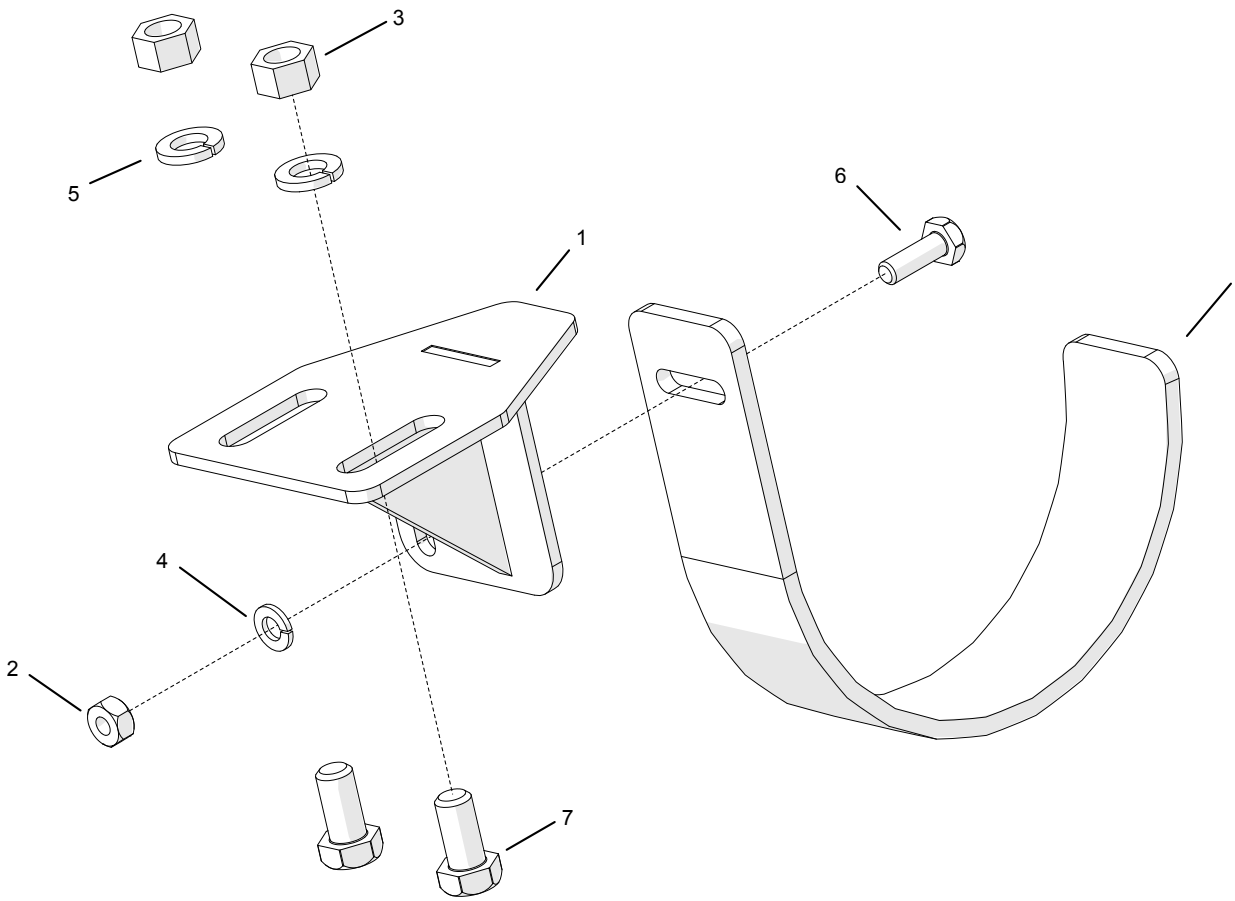
See Page 102

REF	PART NO	QTY	DESCRIPTION
1	3111670	1	SUPPORT, INTAKE TUBE
2	3122720	1	PLATE,AIR-INTAKE,STAGE V
3	0120384	4	WASHER-LOCK,0.50,SPRING,PD
4	0120378	8	NUT-HEX,0.50NC,PD
5	6100881-05	4	BOLT-WIZ,0.50UNCX1.50 GR5,PD
6	3103510	1	TRIM-CUTOUT,INTAKE,22" LONG
7	3111624	1	TUBE-AIR INTAKE,QSB TIER IV
8	6000916	1	MOUNT-CUSHION, REAR ENGINE
9	0180126	4	SCREW-HEX,0.38NCX1.50,GR5,PD
10	0180173	4	SCREW-HEX,0.50NCX1.00,GR5,PD
11	0130999	4	WASHER-FLAT,0.62A(0.69X1.75)PD
12	0274517	2	WASHER-FLAT,0.375,B,PD

REF	PART NO	QTY	DESCRIPTION
13	3111691	1	CHANNEL-ENGINE MOUNT,FRONT
14	0120382	4	WASHER-LOCK,0.38,SPRING,PD
15	0120377	4	NUT-HEX,0.38NC,PD
16	3111572	1	CHANNEL-FRONT ENGINE MOUNT
17	0121574	3	WASHER-LOCK,0.62,SPRING,PD
18	0124589	3	NUT-HEX,0.62NC,PD
19	S240001	1	SCREW-HEX,0.63NCX4.00,GR5,PD
20	0271727	2	SCREW-HEX,0.63NCX3.00,GR5,PD
21	7051433	1	AIR-CLEANER,STAGE V,6"ID
21a	7051482	1	FILTER-PRIMARY,STAGE V
21b	7051483	1	FILTER-SAFETY,STAGE V

Intake Tube Support

3111670 - From *VIEW A5*

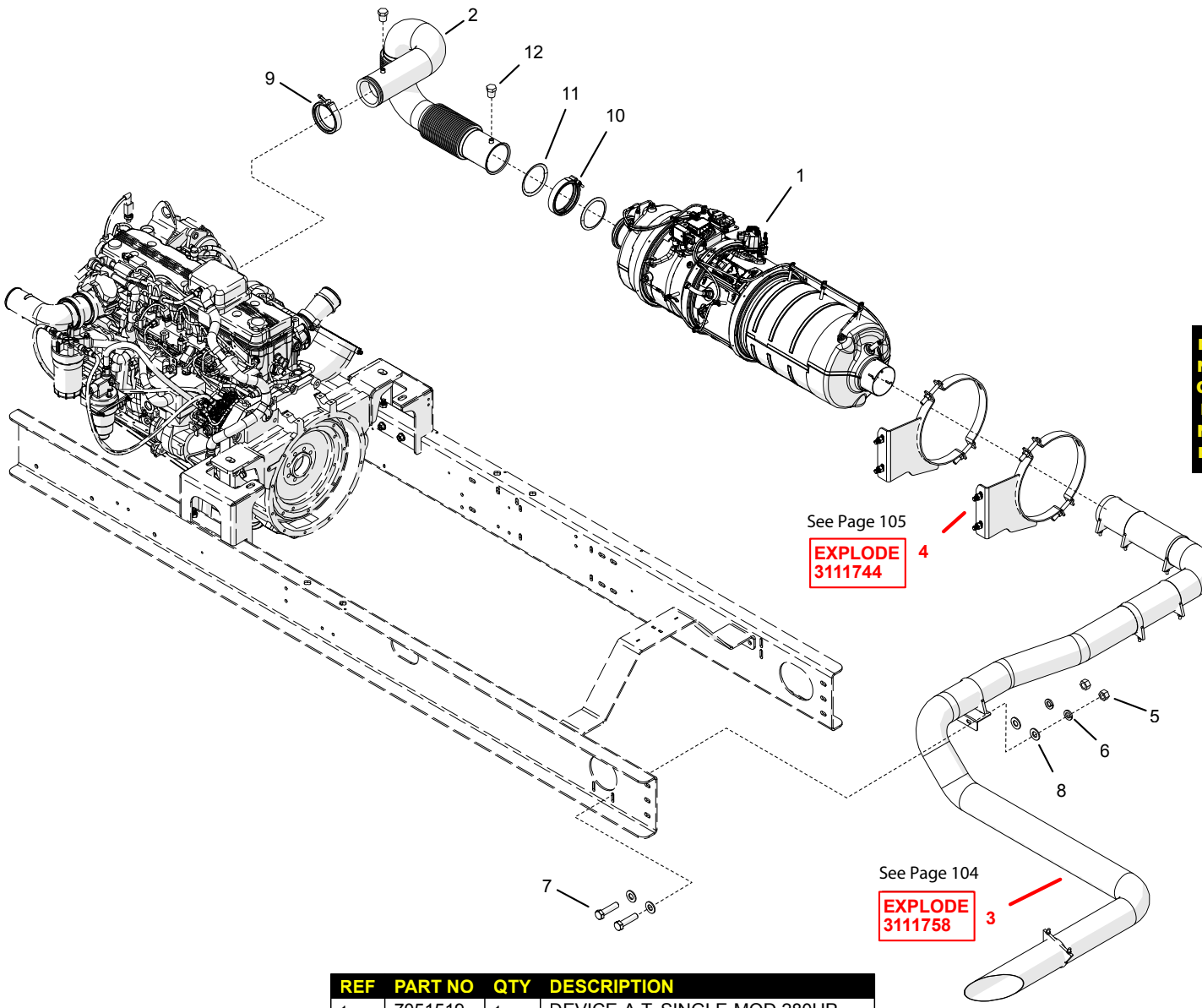


ENGINE

REF	PART NO	QTY	DESCRIPTION
1	3111671	1	BRACKET,INTAKE,WLDMT
2	0120375	1	NUT-HEX,0.25NC,PD
3	0120377	2	NUT-HEX,0.38NC,PD
4	0120380	1	WASHER-LOCK,0.25,SPRING,PD
5	0120382	2	WASHER-LOCK,0.38,SPRING,PD
6	0180020	1	SCREW-HEX,0.25NCX0.75,GR5,PD
7	0180120	2	SCREW-HEX,0.38NCX0.75,GR5,PD
8	3111672	1	YOKE, INTAKE SUPPORT

Engine - QSB Stage V

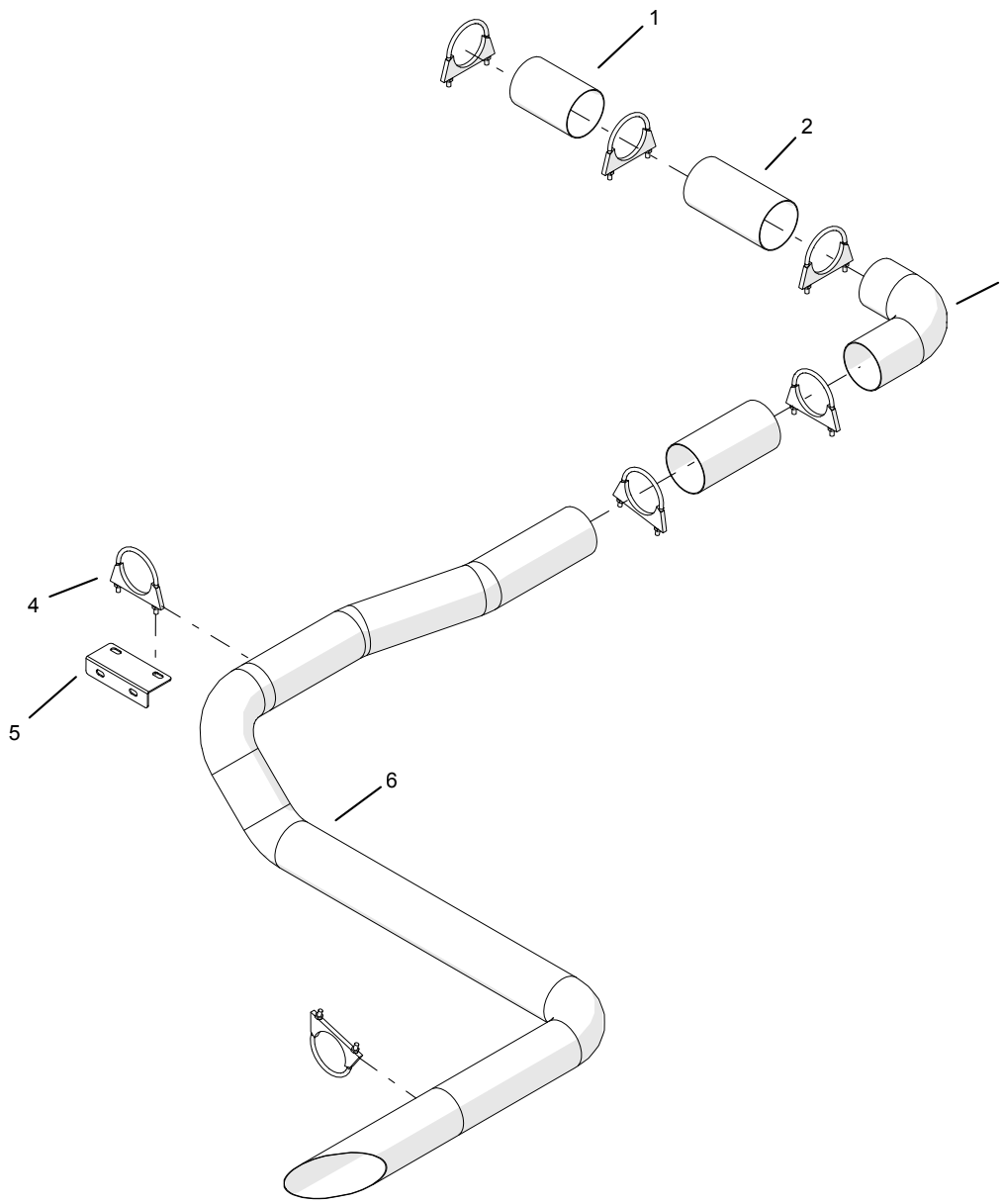
VIEW B



REF	PART NO	QTY	DESCRIPTION
1	7051519	1	DEVICE-A.T.,SINGLE-MOD,280HP
2	7051430	1	DOWNPIPE,STAGEV-6.7L ENGINE
3	3111758	1	EXHAUST INST-QSL,S5,280HP
4	3111744	1	BRACKET ASM-STAGE V A.T,SMALL
5	0120377	2	NUT-HEX,0.38NC,PD
6	0120382	2	WASHER-LOCK,0.38,SPRING,PD
7	0180126	2	SCREW-HEX,0.38NCX1.50,GR5,PD
8	0274517	4	WASHER-FLAT,0.375,B,PD
9	7051340	1	CLAMP,V-BAND,EXAHUST OUTLET
10	7051422	1	CLAMP,V-BAND,4",STD MARMON
11	7051432	2	GASKET-STD MARMON,4"
12	7051418	2	PLUG-PIPE,02NPT

Exhaust Installation

3111758 - From *VIEW B*

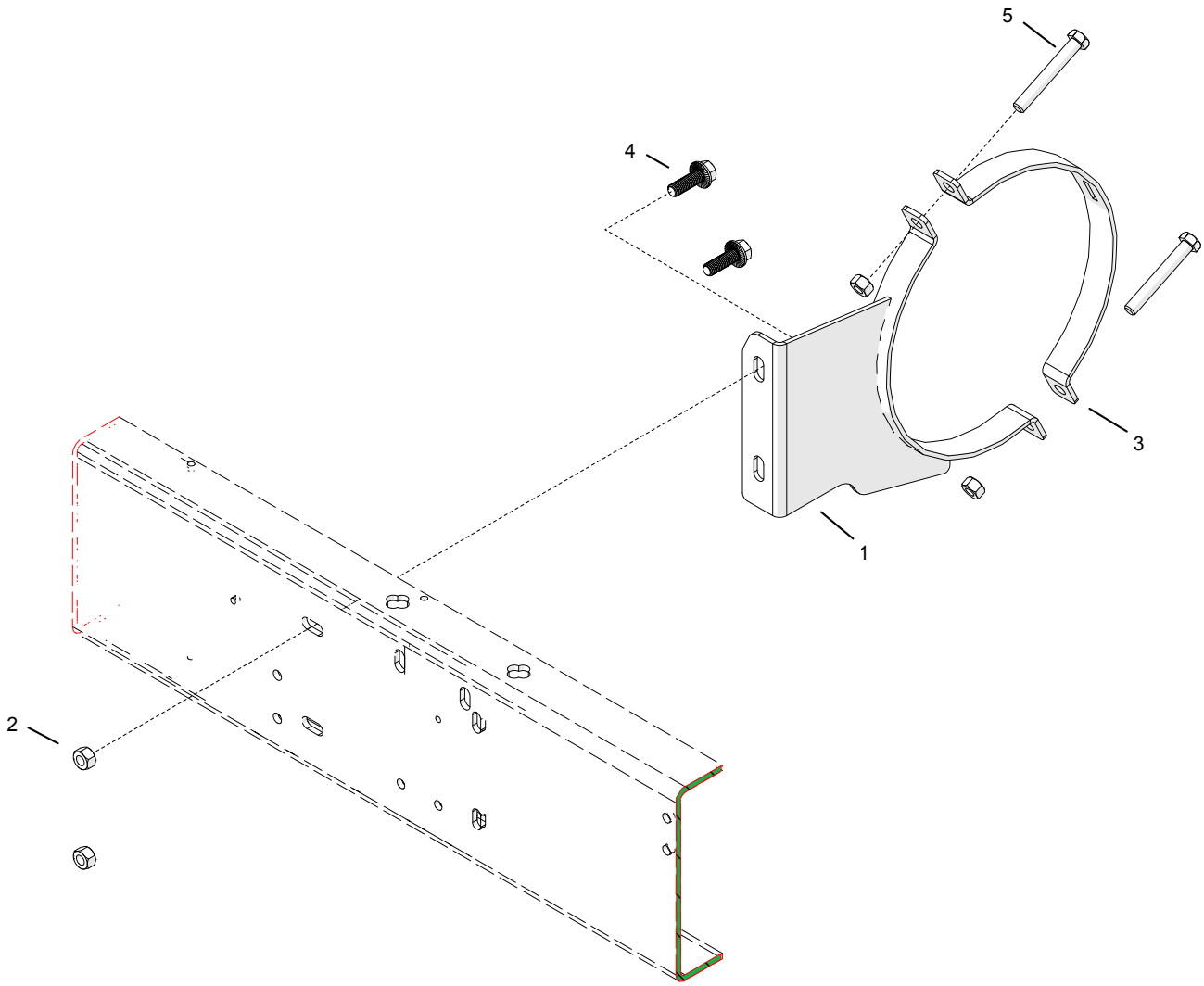


ENGINE

REF	PART NO	QTY	DESCRIPTION
1	3111754	1	EXHAUST TUBE-SHORT,AT OUTLET
2	3111788	2	FLEX-TUBE,CS,4"X12",EXHAUST
3	3111756	1	EXHAUST TUBE-MIDDLE,ELBOW
4	6000938	7	CLAMP-TUBE EXHAUST,4 IN ID,TBG
5	3121751	1	LOWER MUFFLER MOUNT,OUTLET
6	3111757	1	EXHAUST TUBE,OUT,STAGE V

Bracket Assembly

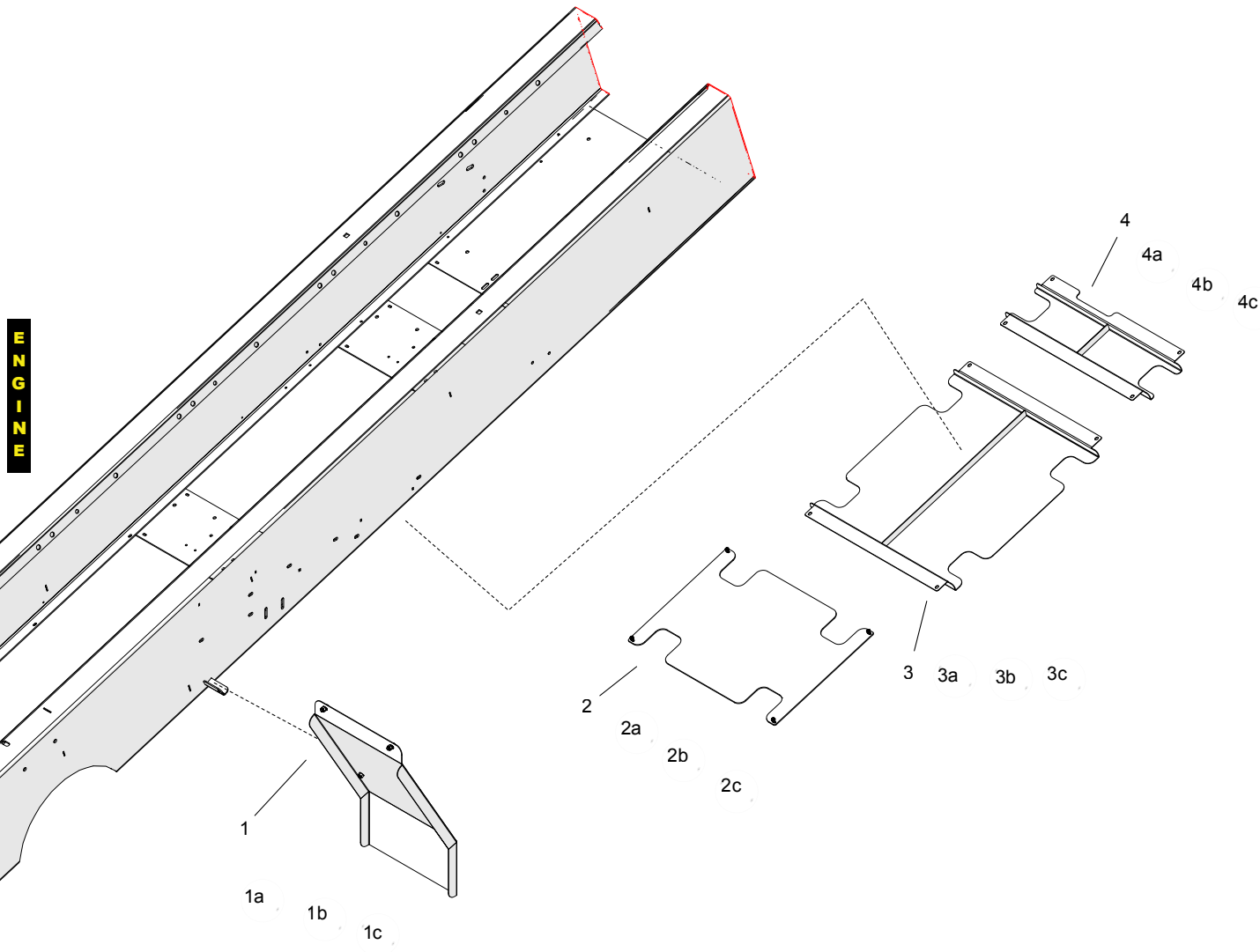
3111744 - From *VIEW B*



REF	PART NO	QTY	DESCRIPTION
1	3111745	1	BRACKET WDMT-STAGE V AT,SMALL
2	0120378	4	NUT-HEX,0.50NC,PD
3	3104521	1	BAND-SUPPORT,AT-TANK,S5,SMALL
4	6100881-05	2	BOLT-WIZ,0.50UNCX1.50 GR5,PD
5	Q018593	2	CAPSCREW 1/2 X 3 1/2,GR5

Engine - QSB Stage V

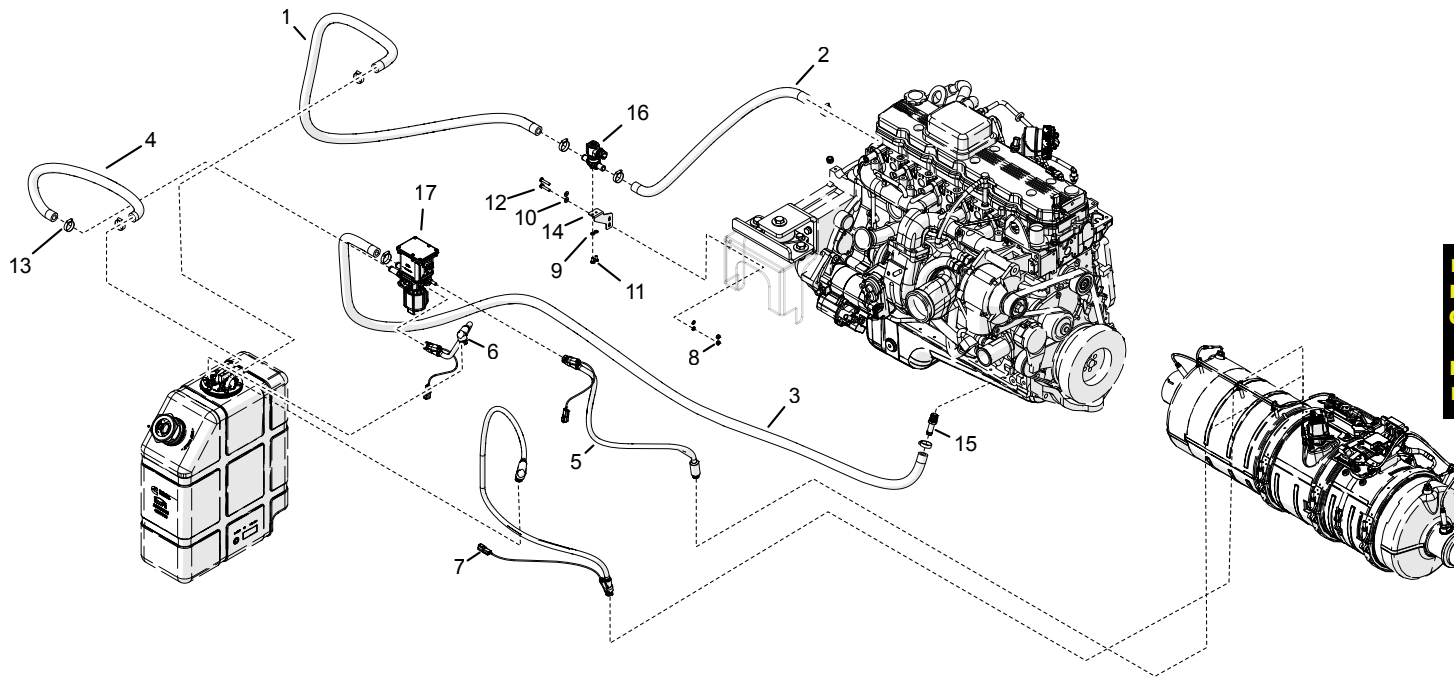
VIEW C



REF	PART NO	QTY	DESCRIPTION
1	3104298	1	REAR FENDER ASM,A.T. SHIELD
1a	→3104299	1	PLATE-REAR FENDER, 14GA
1b	→6100880-02	1	BOLT-WIZ, 0.375"UNC X 0.75", GR5, PD
1c	→0120377	1	NUT-HEX, 0.38"NC, PD
2	3122879	1	COVER ASM-DEBRIS PROTECT,FLAT
2a	→3122878	1	PLATE-COVER, DEBRIS PROTECTION
2b	→6100878-02	1	BOLT-WIZ, 0.25"UNC X 0.75", GR5, PD
2c	→0120375	1	NUT-HEX, 0.25"NC, PD
3	3104328	1	COVER ASM-DEBRIS PROTECTION, LG
3a	→3104331	1	COVER WLD-DEBRIS PROTECTION
3b	→6100878-02	1	BOLT-WIZ, 0.25"UNC X 0.75", GR5, PD
3c	→0120375	1	NUT-HEX, 0.25"NC, PD
4	3104562	1	COVER ASM-DEBRIS PROTECTION, SM
4a	→3104563	1	COVER WLD-DEBRIS PROTECTION, SM
4b	→6100878-02	1	BOLT-WIZ, 0.25"UNC X 0.75", GR5, PD
4c	→0120375	1	NUT-HEX, 0.25"NC, PD

Engine - QSB Stage V

VIEW D

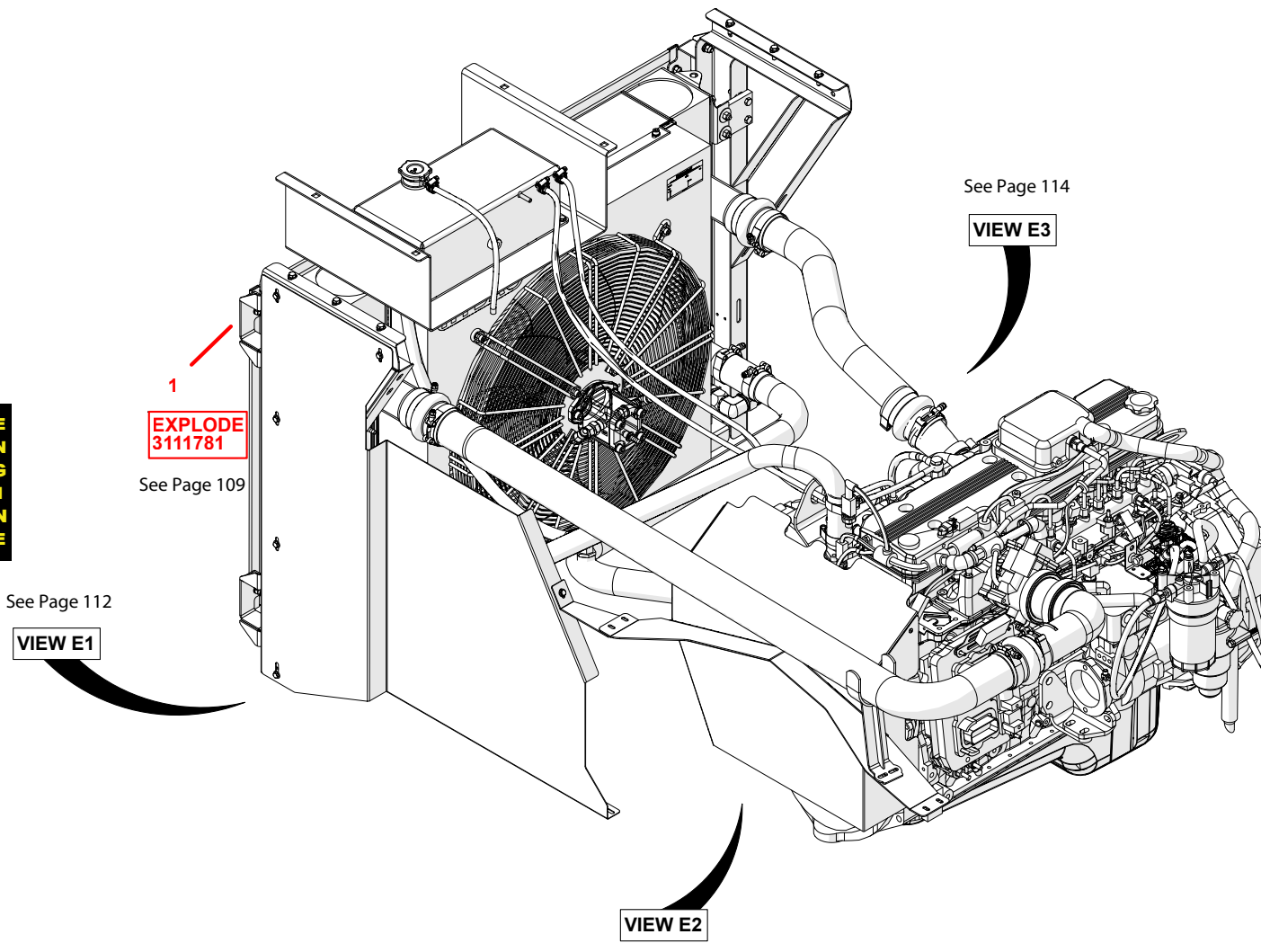


REF	PART NO	QTY	DESCRIPTION
1	3111724	1	HOSE-COOLANT,5/8 X 82"
2	3111725	1	HOSE-COOLANT,5/8 X 38"
3	3111726	1	HOSE-COOLANT,5/8 X 112"
4	3111727	1	HOSE-COOLANT,5/8 X 34"
5	7051434	1	DEF-PRESSURE,2.0M,1/4"X5/16"
6	7051776	1	HOSE,DEF,SUCTION,12V ; 3/8"
7	7051777	1	HOSE,DEF,RETURN,12V
8	0120375	2	NUT-HEX,0.25NC,PD
9	0120380	4	WASHER-LOCK,0.25,SPRING,PD

REF	PART NO	QTY	DESCRIPTION
10	0120386	2	WASHER-FLAT,0.25A(0.31X0.73)PD
11	0180016	2	SCREW-HEX,0.25NCX0.50,GR5,PD
12	0180024	2	SCREW-HEX,0.25NCX1.25,GR5,PD
13	6000092	8	CLAMP-HOSE,0.75-1.00ID,QS500
14	3111645	1	BRACKET-COOLANT FLOW VALVE,T4
15	6100795	1	FITTING-5/8" HEATER,1/2"NPT
16	7051336	1	VALVE-COOLANT CONTROL
17	7051428	1	SUPPLY MODULE,12V/24V

Engine - QSB Stage V

VIEW E

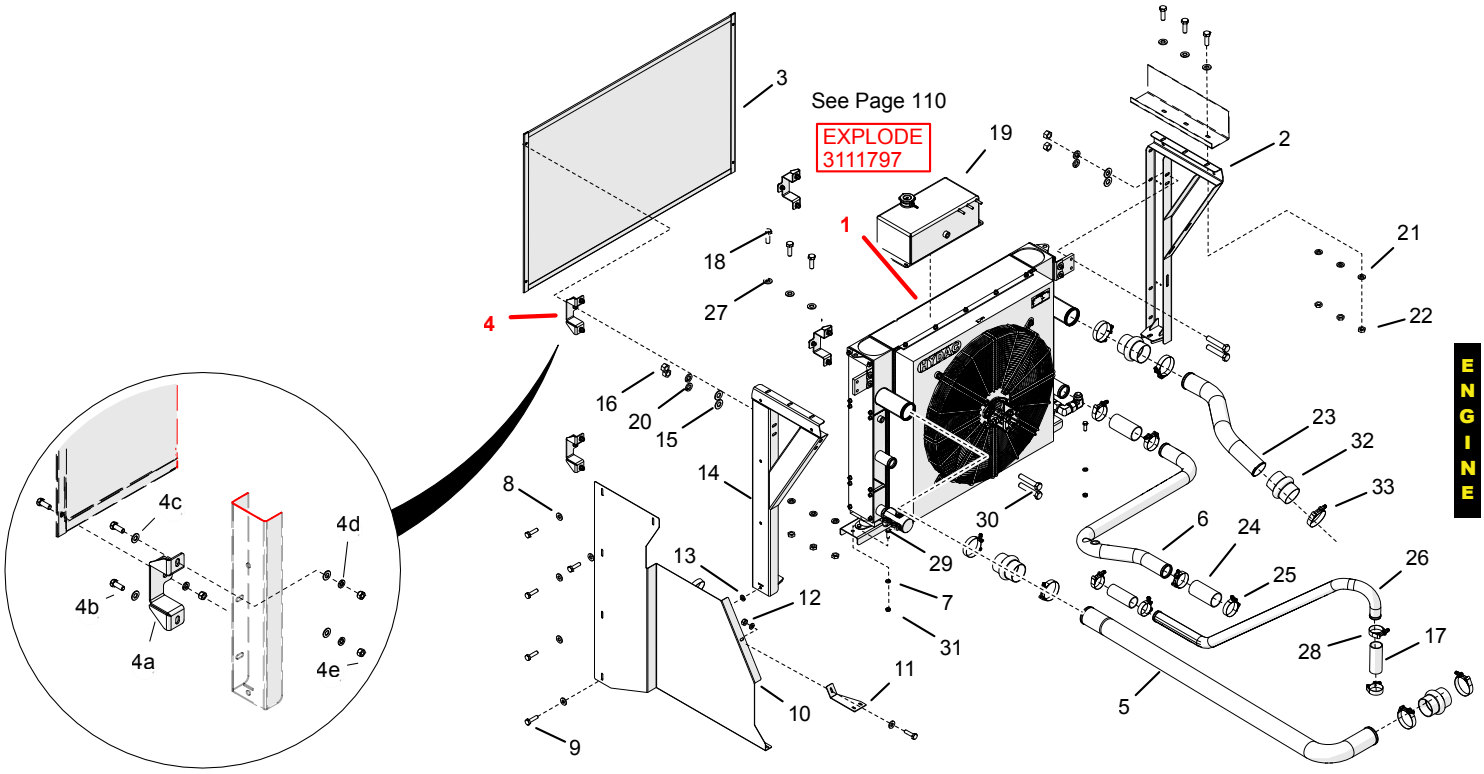


ENGINE

REF	PART NO	QTY	DESCRIPTION
1	3111781	1	RADIATOR INSTALL-STAGE V

Radiator Install - Stage V

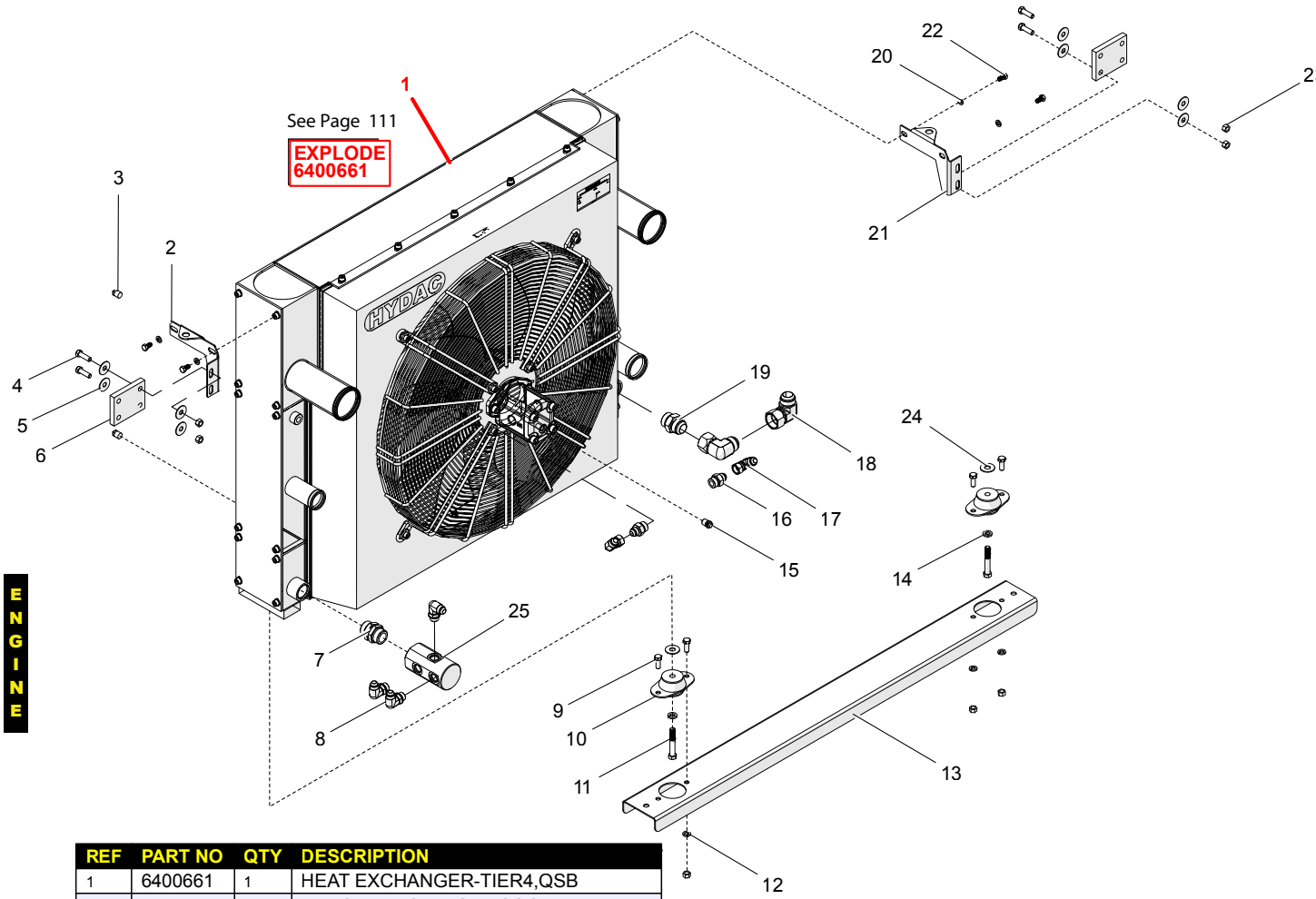
3111781 - From *VIEW E*



REF	PART NO	QTY	DESCRIPTION	REF	PART NO	QTY	DESCRIPTION	REF	PART NO	QTY	DESCRIPTION
1	3111797	1	RADIATOR-INSTALL	9	0180022	6	SCREW-HEX,0.25NCX1.00,GR5,PD	22	0120376	6	NUT-HEX,0.31NC,PD
2	3104896	1	FRAME ASM-COOLER MOUNT,REAR	10	3103652	1	PLATE-RH SIDE SHROUD,COOLER,T4	23	3111621	1	TUBE-CHARGE AIR,RH,TIER IV
3	3104898	1	COVER ASSY-COOLER,20'	11	3103425	1	ANGLE-COOLER SHROUD STIFFNER	24	3111441	2	HOSE-LOWER RADIATOR CONNECT
4	3104902	1	MOUNT ASM-COVER,COOLER	12	0120375	1	NUT-HEX,0.25NC,PD	25	6001163	4	CLAMP-T-BOLT,2.625
4a	→3104903	1	PLATE-MOUNT,COVER,COOLER	13	0120380	2	WASHER-LOCK,0.25,SPRING,PD	26	3111623	1	TUBE-RADIATOR,UPPER,TIER IV
4b	→0180122	1	SCREW-HEX, 0.38"NC X 1.0", GR5, PD	14	3104894	1	FRAME ASM-COOLER MOUNT,FRONT	27	0446363	6	WASHER-FLAT,0.31A(0.38X0.88)PD
4c	→0120388	1	WASHER-FLAT, SAE, STD, 0.375"	15	0274517	4	WASHER-FLAT,0.375,B,PD	28	6001470	4	CLAMP-T-BOLT,2.03" TO 2.34"
4d	→0120382	1	WASHER-FLATE, SAE, STD, 0.375"	16	0120377	4	NUT-HEX,0.38NC,PD	29	0180147	2	SCREW-HEX,0.44NCX1.25,GR5,PD
4e	→0120377	1	NUT-HEX, 0.38"NC, PD	17	3111440	2	HOSE-UPPER RADIATOR CONNECTION	30	0180130	4	SCREW-HEX,0.38NCX2.00,GR5,PD
5	3111701	1	TUBE-CHARGE AIR,LH,STAGE V	18	0180079	6	SCREW-HEX,0.31NCX1.00,GR5,PD	31	0271501	2	NUT-HEX,JAM,0.44NF,PD
6	3111733	1	TUBE WDMT-RADIATOR,LOWER,TIER4	19	6400749	1	SURGE TANK RAD-B6.7	32	7050347	4	HOSE HUMP-3"ID,HIGH TEMP
7	0120383	2	WASHER-LOCK,0.50,SPRING,PD	20	0120382	4	WASHER-LOCK,0.38,SPRING,PD	33	6001495	8	CLAMP-T-BOLT,3.28" TO 3.59"
8	0120386	6	WASHER-FLAT,0.25A(0.31X0.73)PD	21	0120214	6	WASHER-LOCK,0.31,SPRING,PD				

Radiator Install

3111797 - From *3111781 VIEW E*

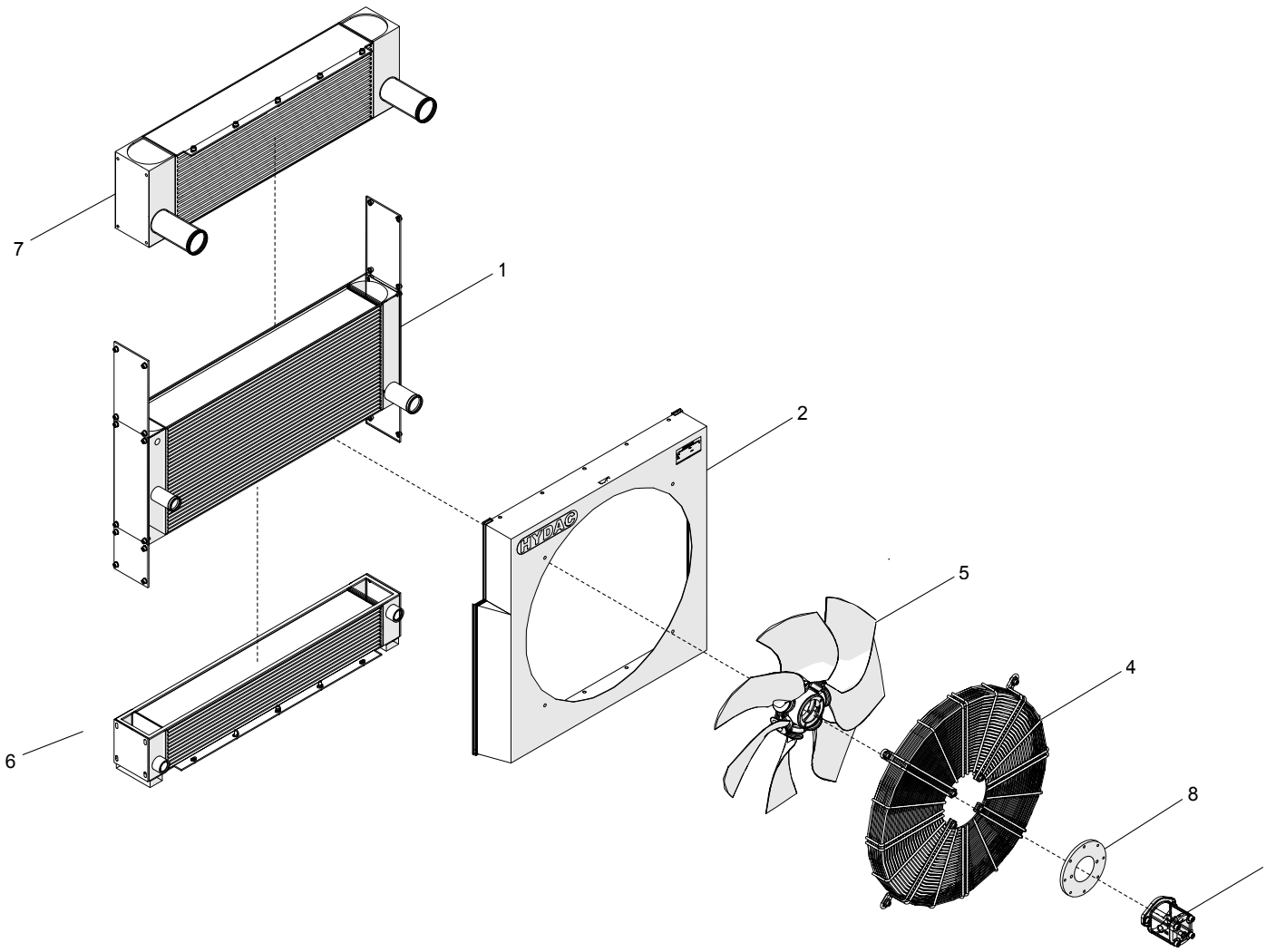


ENGINE

REF	PART NO	QTY	DESCRIPTION
1	6400661	1	HEAT EXCHANGER-TIER4,QSB
2	3103649	1	BRACKET-TOP,RIGHT,COOLER MT
3	0219190	2	PLUG-PIPE,SQ HD,0.25,PD
4	0180124	4	SCREW-HEX,0.38NCX1.25,GR5,PD
5	9417793	8	WASHER-FLAT,0.38(0.41X1.25),PD
6	3103015	2	RUBBER-RADIATOR MOUNT
7	6604826	1	ADAPTER-HYD,ADJ,ST,16MB-16MB
8	9410977	3	ELBOW-HYDR,90,08MB-08MJ
9	0180122	4	SCREW-HEX,0.38NCX1.00,GR5,PD
10	6000999	2	MOUNT-CUSHION,FRONT,PERKINS
11	6002502	2	SCREW-HEX,0.44NCX2.75,GR5,PD
12	0120382	4	WASHER-LOCK,0.38,SPRING,PD
13	3104212	1	CHANNEL-BOTTOM,COOLER,BOLT ON
14	0120383	2	WASHER-LOCK,0.44,SPRING,PD
15	6603377	1	HOSE END-5/16HOSEX1/4MPT-STRT
16	6600903	2	ADAPTER-HYDR,ST,16MB-16MJ
17	9410281	2	ELBOW-HYDR,90,08FJX-08MJ
18	9410285	2	ELBOW-HYDR,90,16FJX-16MJ
19	9410207	1	ADAPTER-HYDR,ST,16MB-16MJ
20	0120214	4	WASHER-LOCK,0.31,SPRING,PD
21	3103648	1	BRACKET-TOP,LEFT,COOLER MT
22	6002391	4	SCREW-BHCP,M8X16,GR10.9,PD
23	0120377	8	NUT-HEX,0.38NC,PD
24	0120389	2	WASHER-FLAT,0.44A(0.50X1.25)PD
25	3182637	1	MANIFOLD-RETURN HOSES

Heat Exchanger - Tier 4, QSB

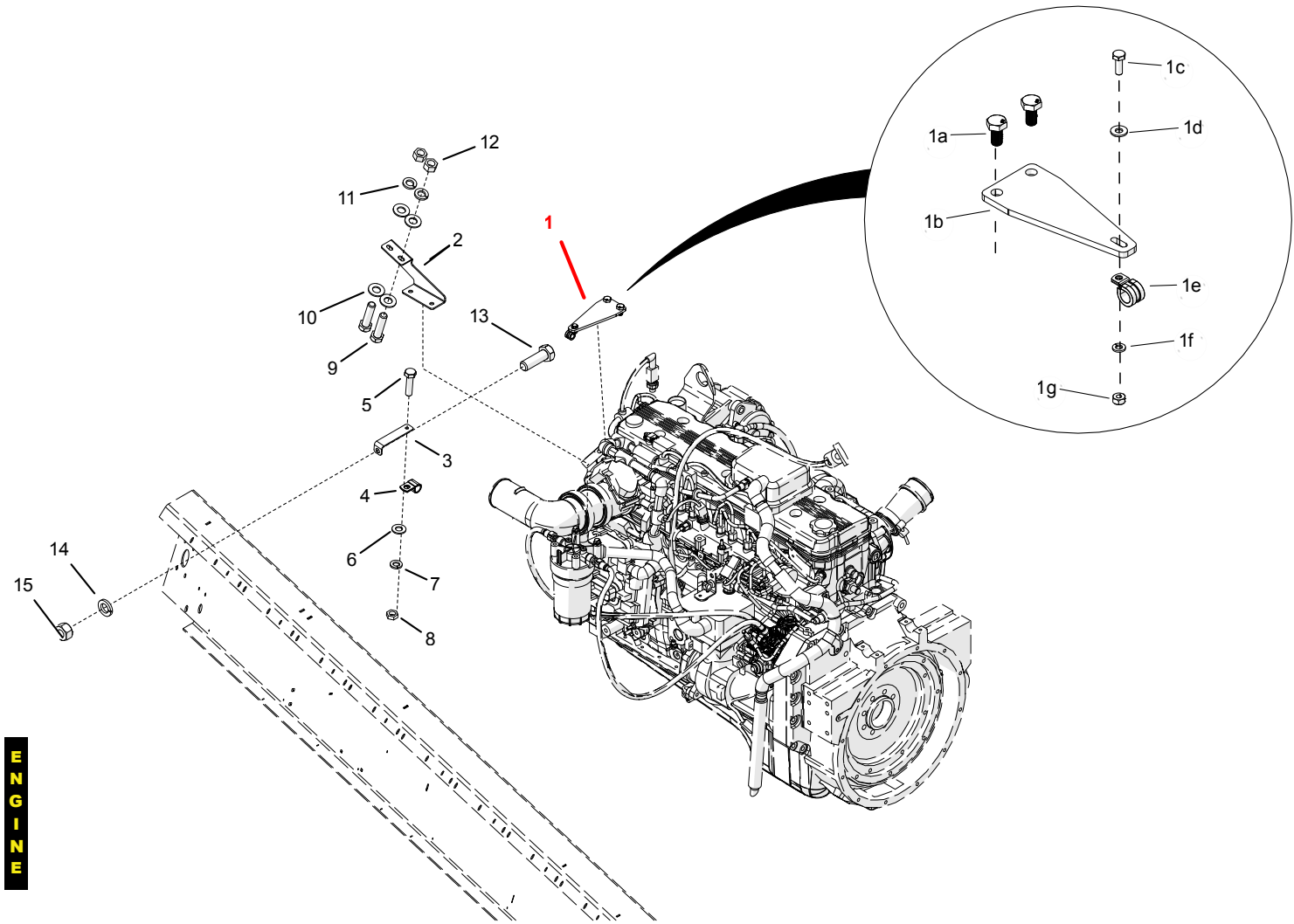
6400661 - From *3111797 Radiator Install*



REF	PART NO	QTY	DESCRIPTION
1	7051285	1	HEAT EXCHANGER-WATER
2	*******	1	HOUSING-FAN, HYDAC # 2589508
3	7050916	1	MOTOR-HYD, 19CC, FAN DRIVE
4	7050937	1	GRILL-COOLER FAN
5	7050938	1	FAN-COOLER
6	7051284	1	HEAT EXCHANGER-OIL
7	7051286	1	HEAT EXCHANGER-AIR
8	7051298	1	BRACKET-MOTOR, COOLER

Engine - QSB Stage V

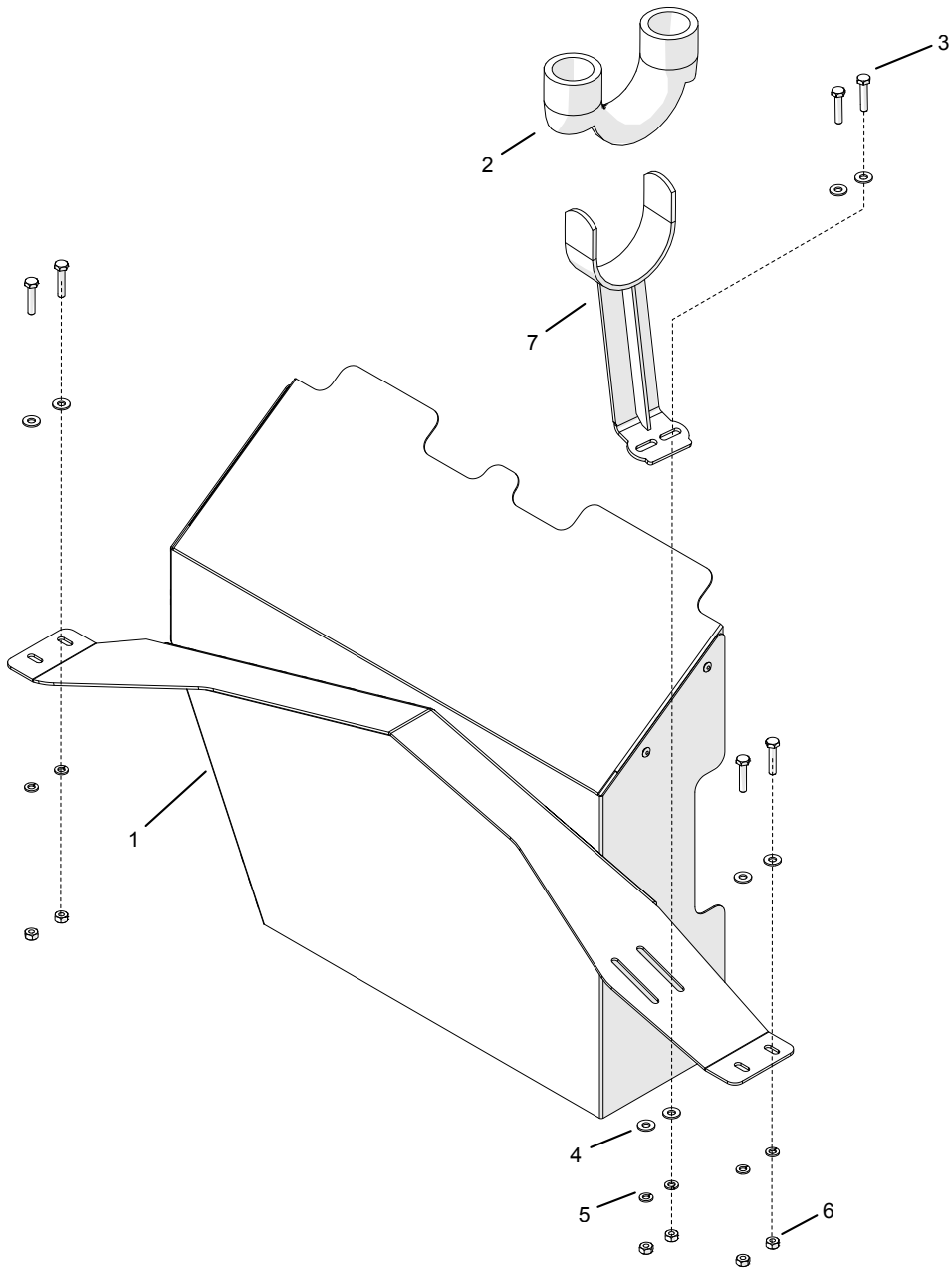
VIEW E1 - From *VIEW E*



REF	PART NO	QTY	DESCRIPTION
1	3104529	1	BRACKET ASM-ENGINE MT, AIR LINE
1a	→6001431	2	BOLT-METRIC,M10X1MM,20MM
1b	→3104528	1	PLATE-AIR LINE,ENGINE MOUNTED
1c	→0180020	1	SCREW-HEX, 0.25"NC X 0.75", GR5, PD
1d	→0120386	1	WASHER-FLAT, 0.25A(0.31X0.73), PD
1e	→6000057	1	CLAMP-0.5"
1f	→0120380	1	WASHER-LOCK, 0.25", SPRING, PD
1g	→0120375	1	NUT-HEX, 0.25"NC, PD
2	3103647	1	BRACKET-FUEL FILTER MT,TIER IV
3	3111603	1	ANGLE-OIL DIPSTICK MOUNT,'11
4	6002076	1	CLAMP-RUBBER COATED,3/4"X.531
5	S239401	1	SCREW-HEX,0.31NCX1.25,GR5,PD
6	0446363	1	WASHER-FLAT,0.31A(0.38X0.88)PD
7	0120214	1	WASHER-LOCK,0.31,SPRING,PD
8	0120376	1	NUT-HEX,0.31NC,PD
9	0180126	2	SCREW-HEX,0.38NCX1.50,GR5,PD
10	0274517	4	WASHER-FLAT,0.375,B,PD
11	0120382	2	WASHER-LOCK,0.38,SPRING,PD
12	0120377	2	NUT-HEX,0.38NC,PD
13	0180177	1	SCREW-HEX,0.50NCX1.50,GR5,PD
14	0120384	1	WASHER-LOCK,0.50,SPRING,PD
15	0120378	1	NUT-HEX,0.50NC,PD

Engine - QSB Stage V

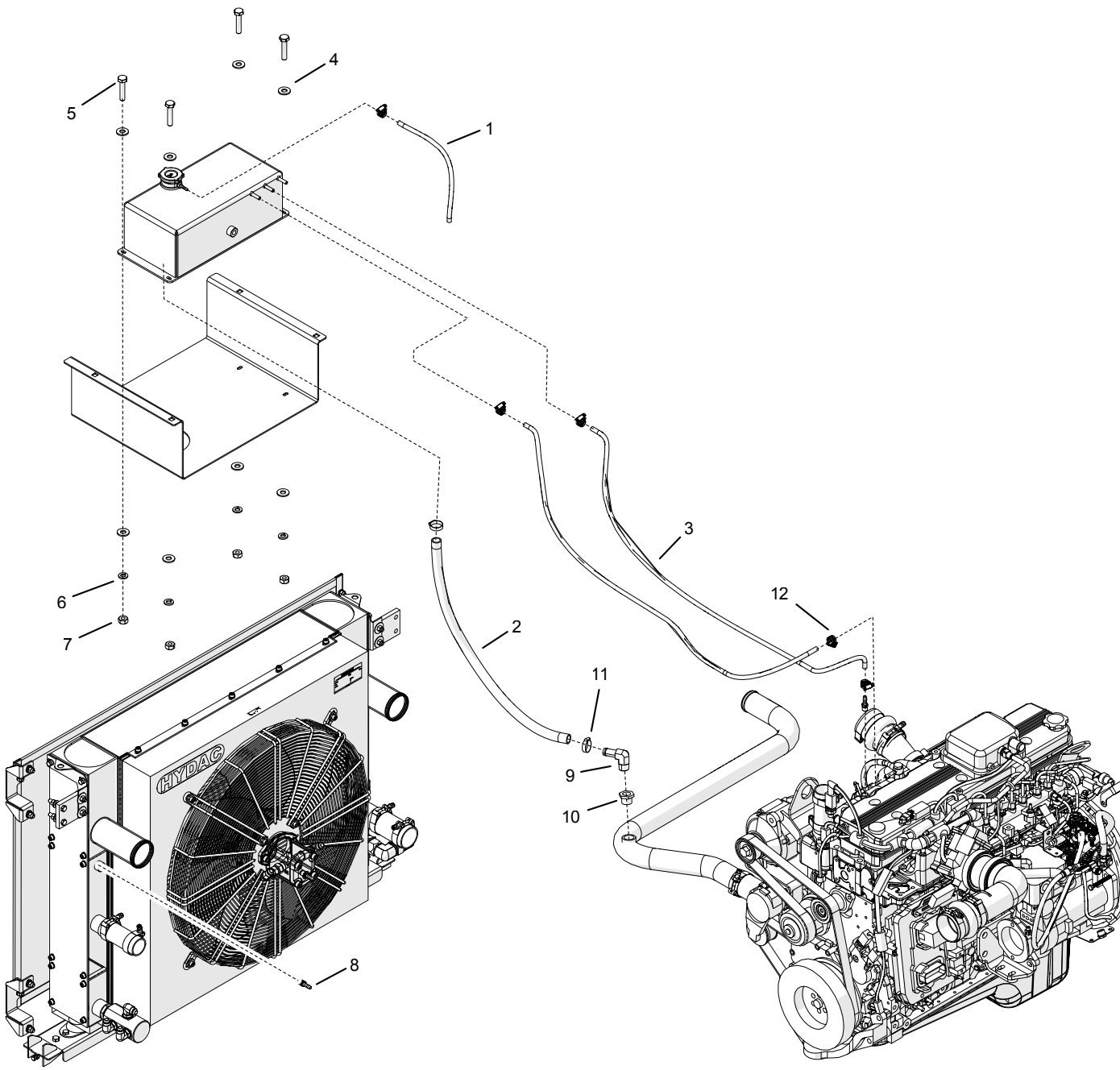
VIEW E2 - From *VIEW E*



REF	PART NO	QTY	DESCRIPTION
1	3105097	1	COVER-BON ON-QSB ENGINE
2	3102291	1	RUBBER COVER-HOSE HOOK
3	0180024	6	SCREW-HEX,0.25NCX1.25,GR5,PD
4	0120386	8	WASHER-FLAT,0.25A(0.31X0.73)PD
5	0120380	6	WASHER-LOCK,0.25,SPRING,PD
6	0120375	6	NUT-HEX,0.25NC,PD
7	3105102	1	BRACKET, SUPPORT, CAC TUBE

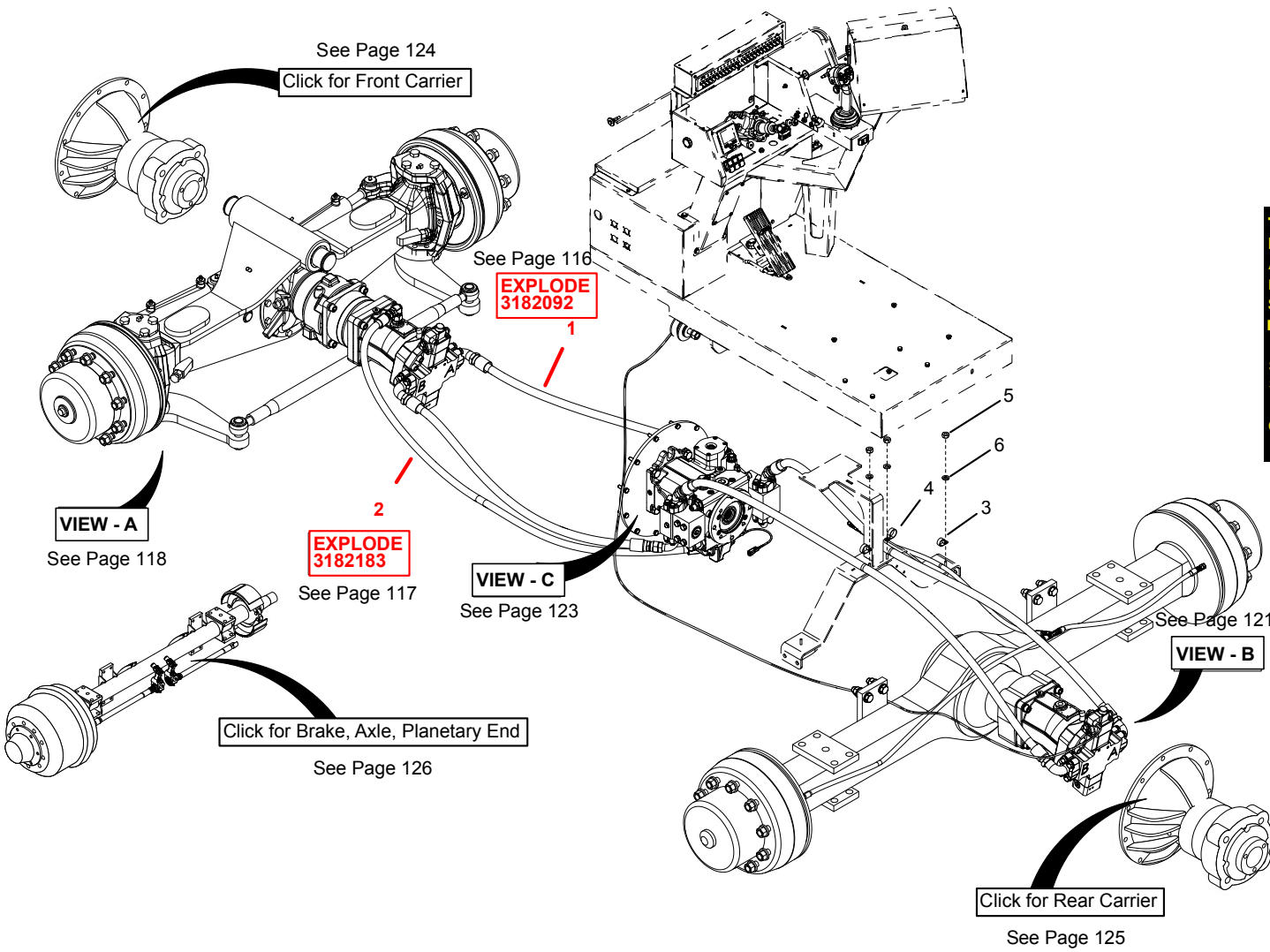
Engine - QSB Stage V

VIEW E3 - From *VIEW E*



REF	PART NO	QTY	DESCRIPTION
1	3181858	1	HOSE-5/16"X15" LONG,LP
2	3182774	1	HOSE-3/4"X31" LONG,2018
3	3182962	2	HOSE-5/16"X138" LONG,LP
4	0120386	8	WASHER-FLAT,0.25A(0.31X0.73)PD
5	0180024	4	SCREW-HEX,0.25NCX1.25,GR5,PD
6	0120380	4	WASHER-LOCK,0.25,SPRING,PD
7	0120375	4	NUT-HEX,0.25NC,PD
8	6603377	2	HOSE END-5/16HOSEX1/4MPT-STRT
9	6605013	1	HOSE END-12X12MP,90,LPSP
10	0144042	1	BUSHING-PIPE,0.75X0.50NPT,PD
11	6000092	2	CLAMP-HOSE,0.75-1.00ID,QS500
12	6001120	5	CLAMP-HOSE,SCREW TYPE,NO.8

4WD Kessler Transmission

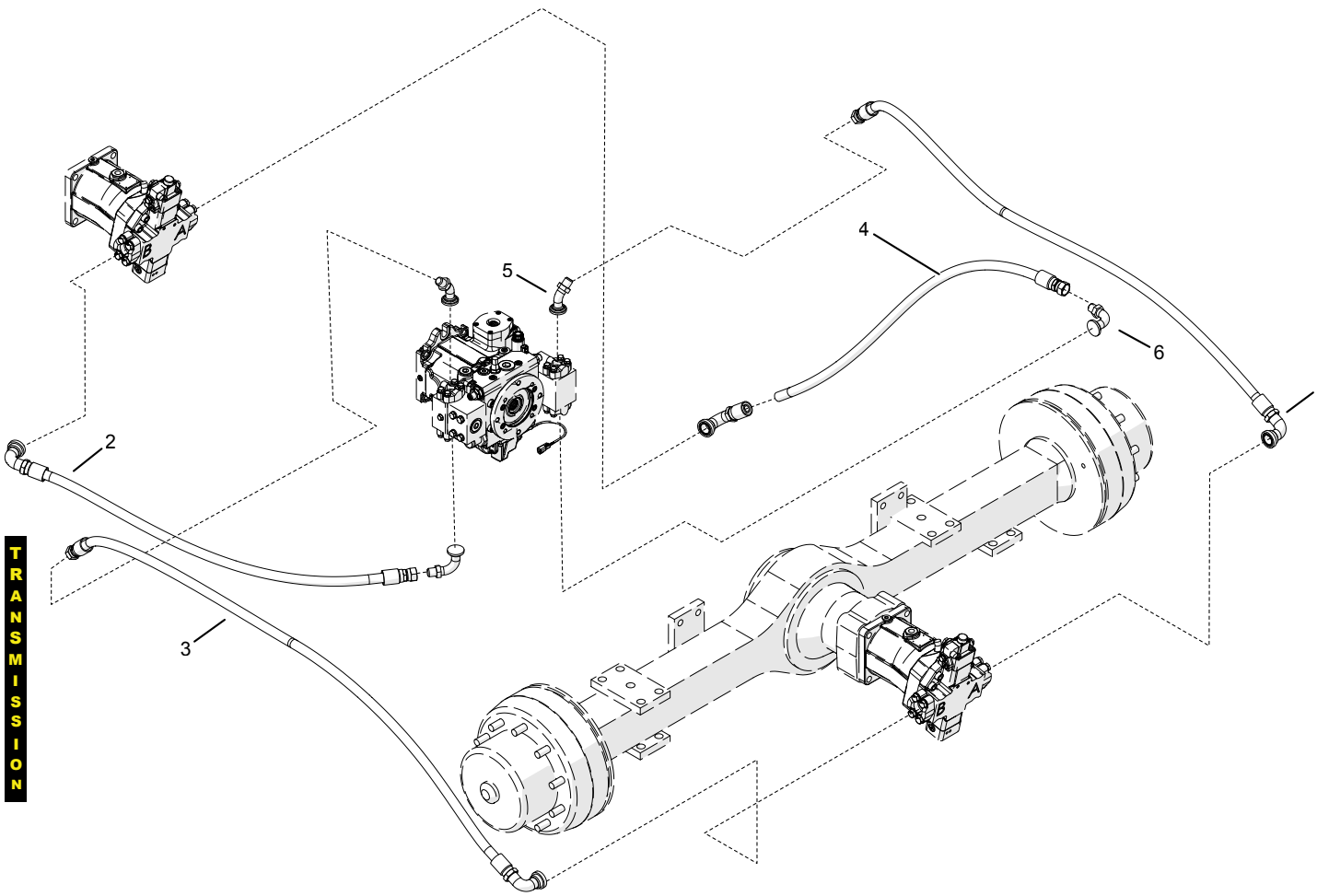


TRANSMISSION

REF	PART NO.	QTY	DESCRIPTION
1	3182092	2	DRIVE HOSE INSTALLATION
2	3182183	13	HOSE KIT-HYD, 4WD
3	6000698	1	CLAMP-TUBE,15/16,BERG#1511-7
4	6001131	2	CLAMP-HOSE,RUBBER COATED, 1.50"
5	0120375	3	NUT-HEX,0.25NC,PD
6	0120380	3	WASHER-LOCK,0.25,SPRING,PD

Drive Hose Installation

3182092

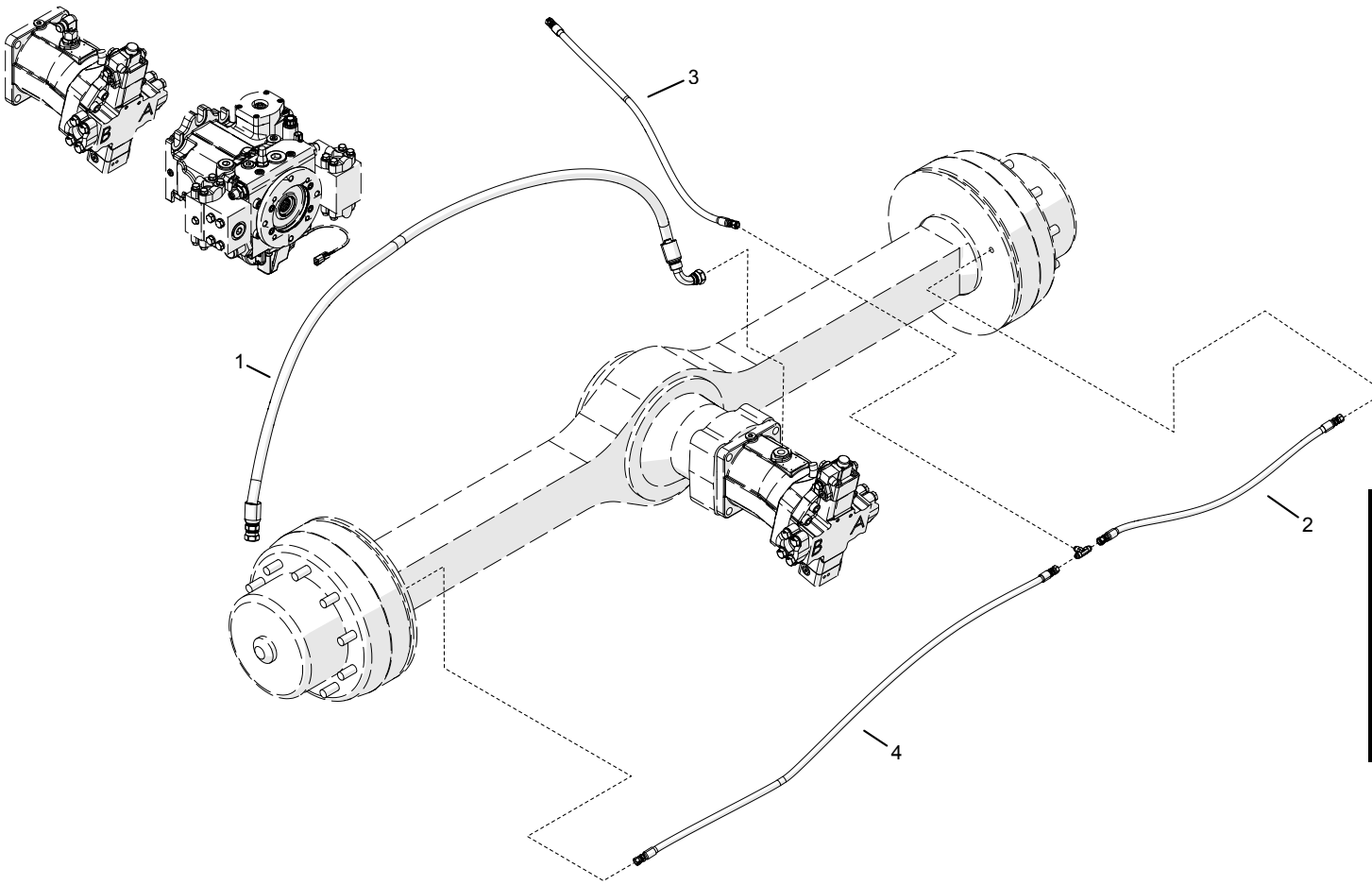


TRANSMISSION

REF	PART NO.	QTY	DESCRIPTION
1	6604151	1	HOSE ASSY-16X73,16FJX-20FL90
2	6604176	1	HOSE ASM-16X58.5,16FJX-20FL90
3	6604071	1	HOSE ASSY-16X79,16FJX-20FL90
4	6604177	1	HOSE ASM-16X63.5,16FJX-20FL90
5	6603269	2	ELBOW-HYDR,45,16FL-16MJ,CODE62
6	6602261	2	ELBOW-HYDR,90,16MJ-16FL62

Hydraulic Hose Kit, 4WD

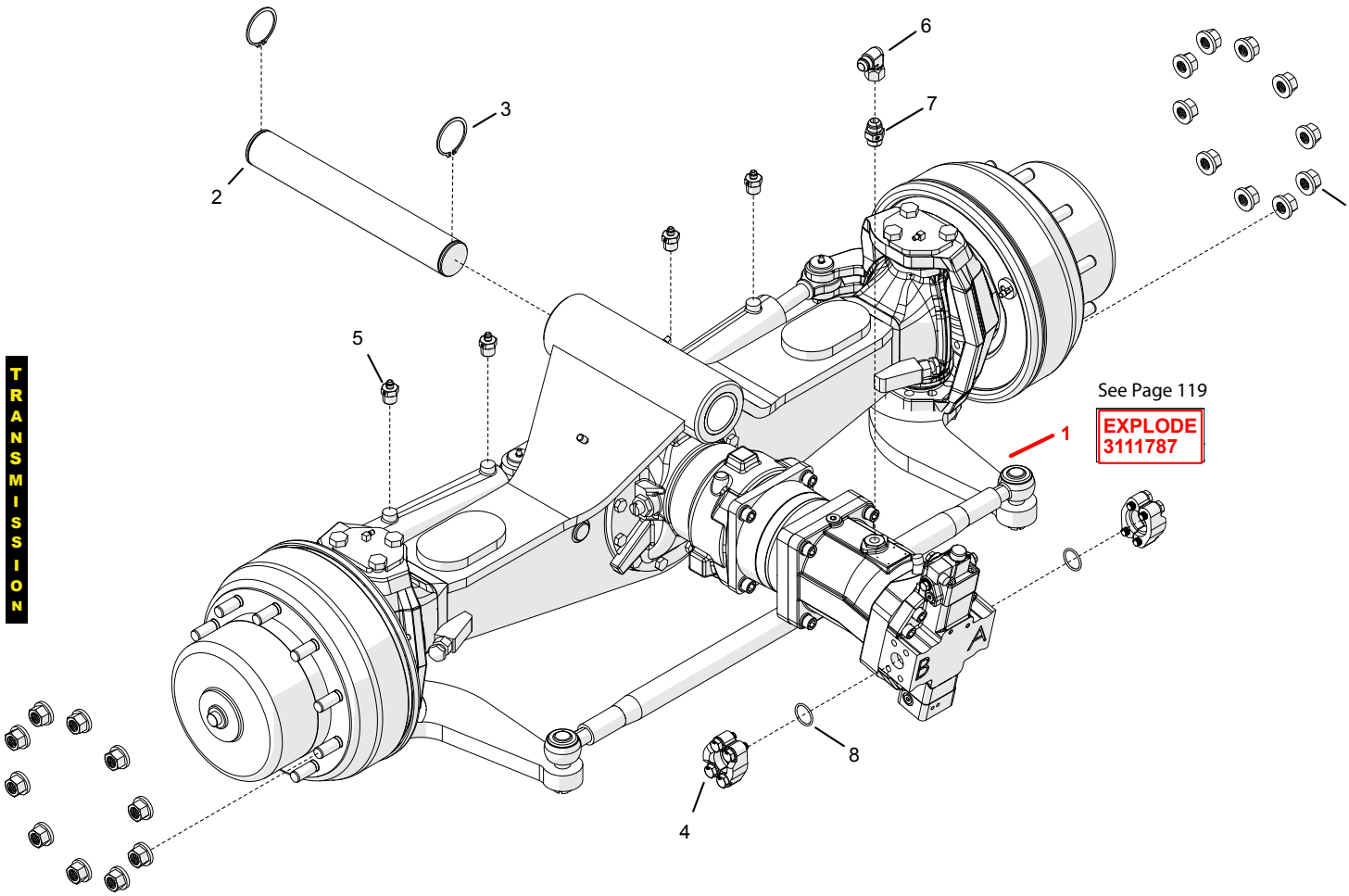
3182183



REF	PART NO.	QTY	DESCRIPTION
1	3181927	1	HOSE ASM-12X85,12FJX-12FJX90
2	3181734	1	HOSE ASM-06 X 28.5,06FJX-06FJX
3	3181737	1	HOSE ASM-06 X 38.5,06FJX-06FJX
4	3181735	1	HOSE ASM-06 X 55,06FJX-06FJX

4WD Kessler Transmission

VIEW A

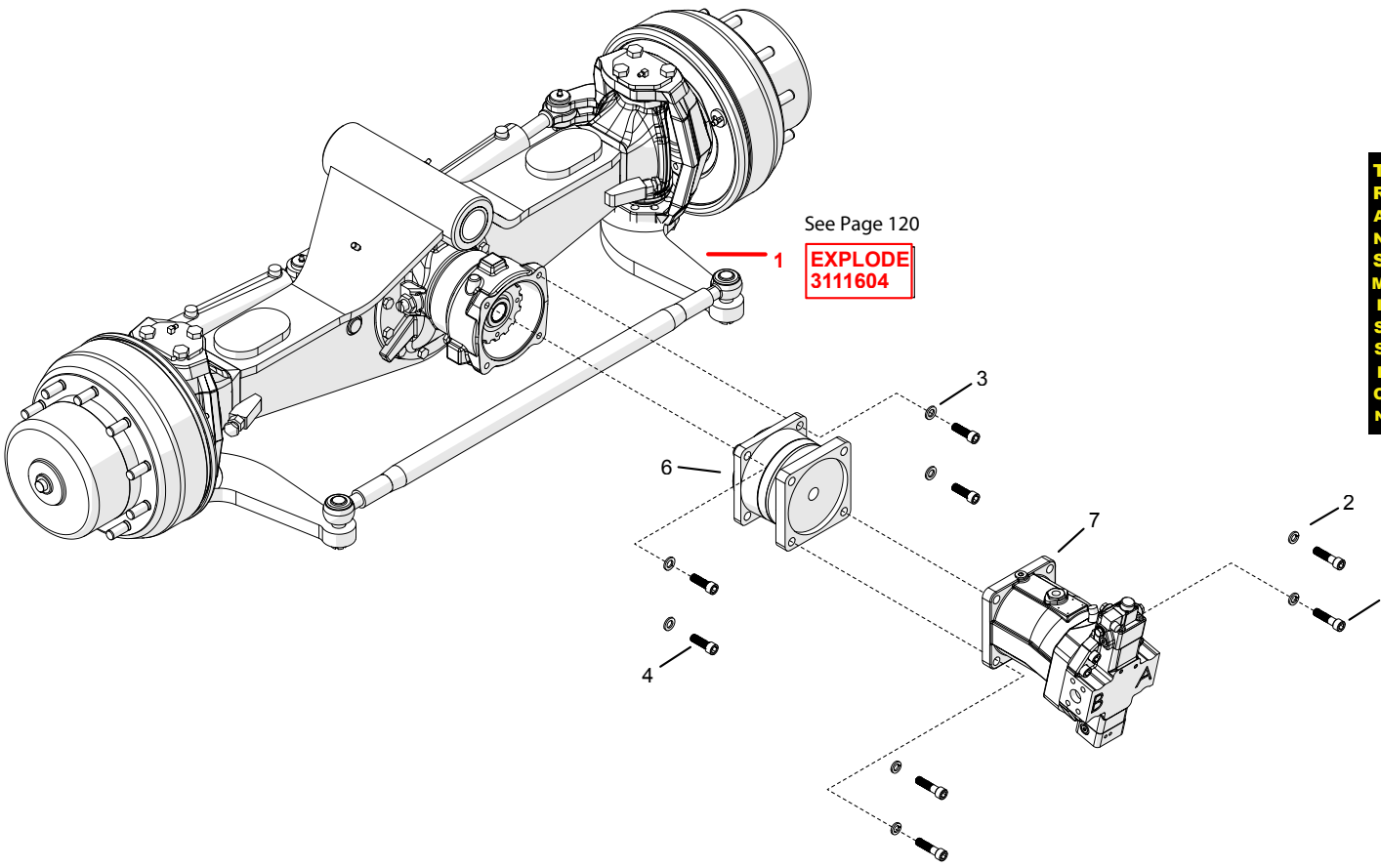


TRANSMISSION

REF	PART NO.	QTY	DESCRIPTION
1	3111787	1	KESSLER FRONT AXLE ASM
2	3103705	1	SHAFT-FRT AXLE/PYRAMID,KESSLER
3	6001902	2	RING-SNAP , EXTERNAL, 2 3/4"
4	6603559	2	SPLIT FLNG-1-1/4,CODE62,METRIC
5	6603558	4	ADAPTER-HYDR,ST,M18-06MJ
6	9410283	1	ELBOW-HYDR,90,12FJX-12MJ
7	6605272	1	ADAPTER-HYDR,ST,M27-12MJ
8	7420292	2	O-RING, 1.484 I . D . X . 139 THICK
9	6450758	20	NUT-FLANGE,2 PIECE,33MM HEX

Kessler Front Axle Asm

31111787 - From *VIEW A*

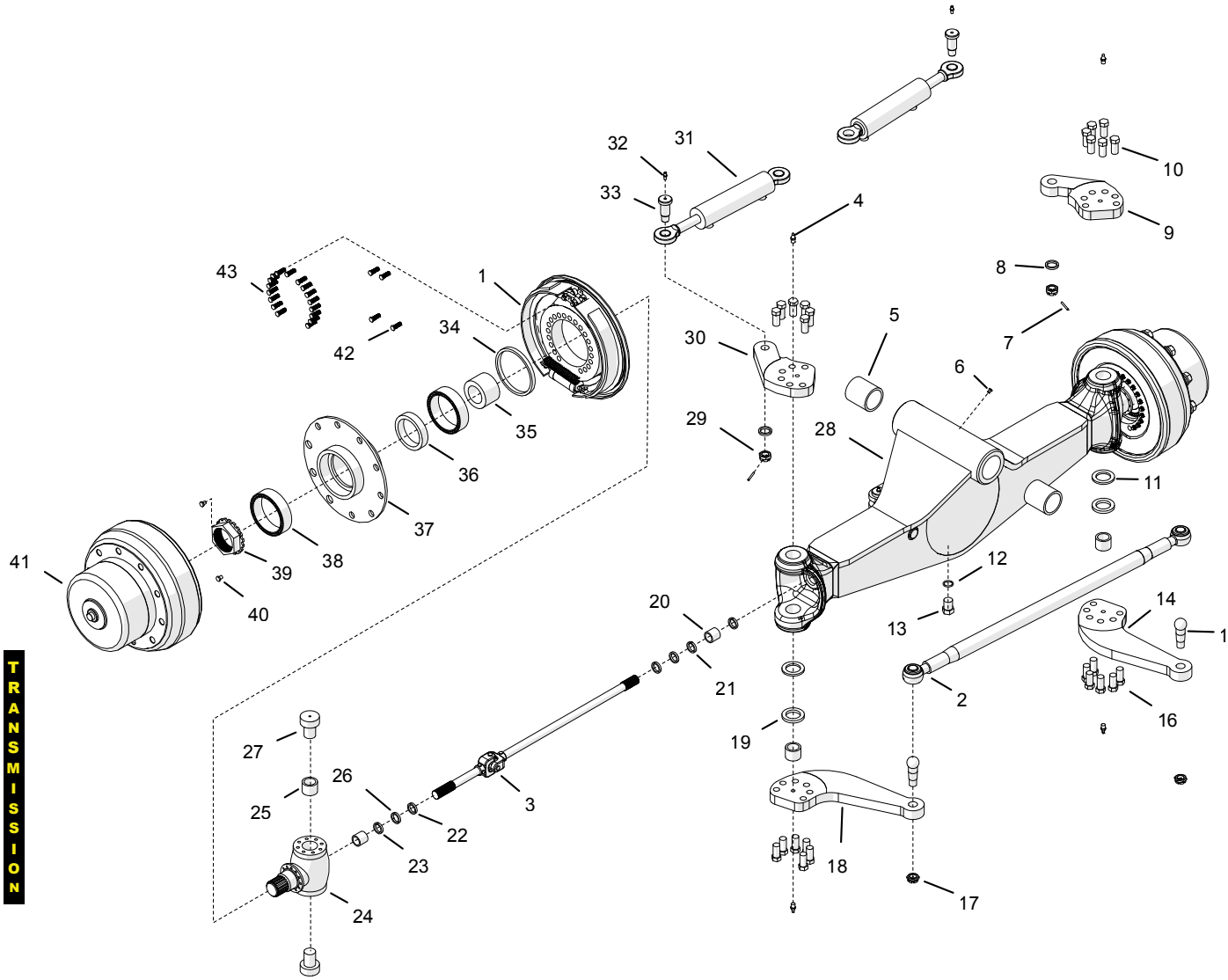


TRANSMISSION

REF	PART NO.	QTY	DESCRIPTION
1	3111604	1	AXLE-WELDMENT,FRONT,KESSLER
2	0121574	4	WASHER-LOCK,0.62,SPRING,PD
3	6100677	4	WASHER-LOCK, 16MM, SPRING, PD
4	6100718	4	SCREW-SHC, M16-2X50MM,GR12.9,PD
5	6100719	4	SCREW-SHCS, 0.63NCX2 .50,GR8,PD
6	6603525	1	PARKING BRAKE-MICO,DIN MOUNT
7	6605172	1	MOTOR-HYD,160CC,SPEED SEN,DT

Kessler Front Axle Weldment

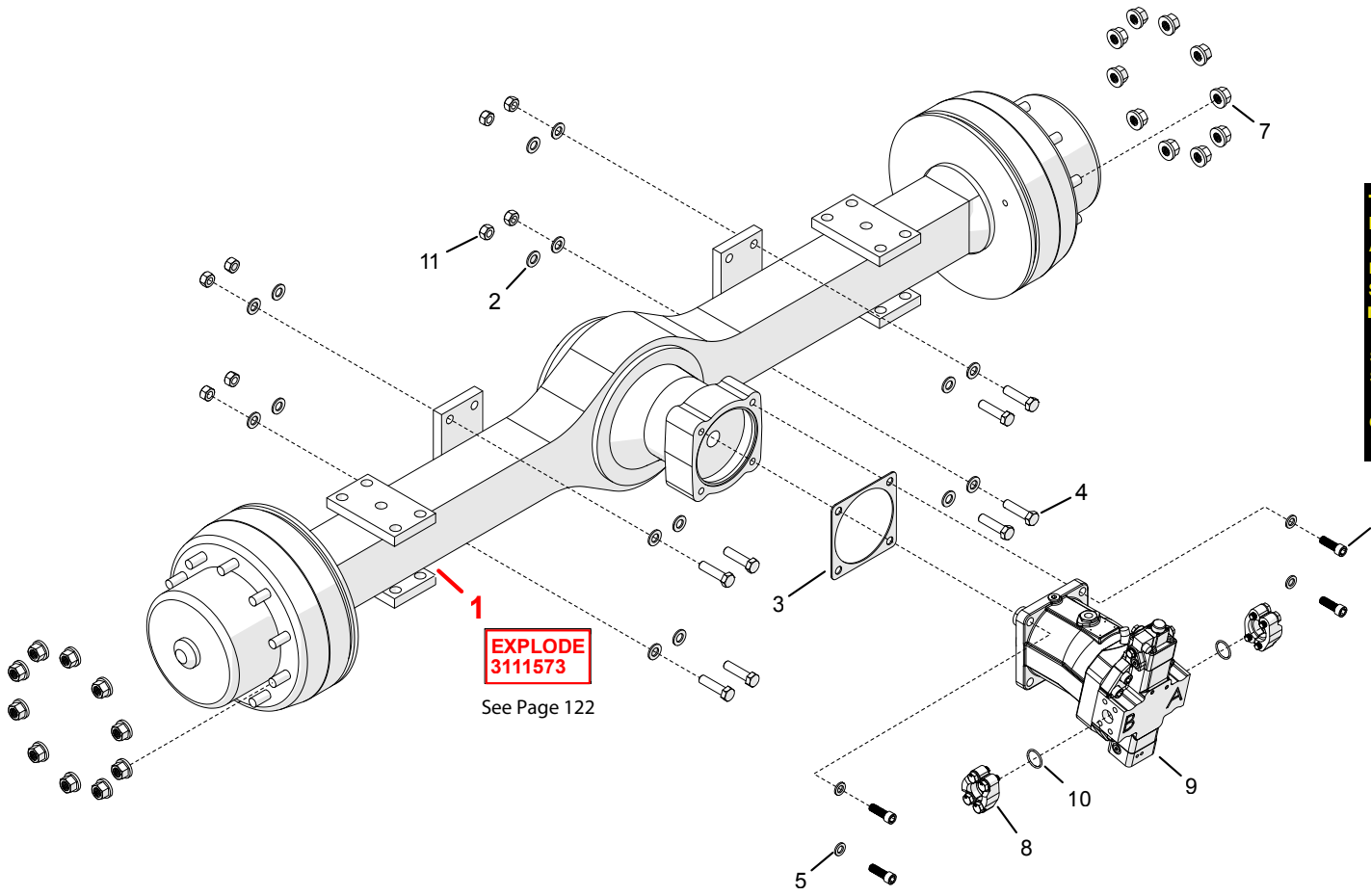
31111604 - From *3111787, VIEW A*



REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	7050538	2	BRAKE-KESSLER RR AXLE	23	7050626	2	CIRCLIP-KESSLER AXLE
2	7050639	1	TRACK ROD-KESSLER AXLE	24	7050620	2	STEERING KNUCKLE-KESSLER AXLE
3	7050630	2	UNIVERSAL JOINT-KESSLER AXLE	25	7050622	4	BEARING BUSHING-KESSLER AXLE
4	7050638	4	GREASE ZERK-KESSLER AXLE	26	7050628	4	RADIAL SEAL RING-KESSSLER AXLE
5	7050619	2	BUSHING-KESSLER AXLE	27	7050621	4	KINGPIN-KESSLER AXLE
6	7050518	1	BREATHER-KESSLER REAR AXLE	28	7050618	1	AXLE HOUSING-KESSLER,FRONT
7	7050644	4	SPLINT PIN-KESSLER AXLE	29	7050642	4	CASTEL NUT-KESSLER AXLE
8	7050643	4	DISK-KESSLER AXLE	30	7050654	1	PLATE-CYLINDER MT, LH
9	7050652	1	PLATE-CYLINDER MT, RH	31	7050640	2	STEERING CYLINDER-KESSLER AXLE
10	7050655	12	HEX SCREW	31a	PD11455	1	SEAL KIT-STEERING CYL.
11	7050623	2	THRUST WASHER-KESSLER AXLE	32	7050645	4	GREASE ZERK-KESSLER AXLE
12	7050520	1	SEALING RING-KESSLER REAR AXLE	33	7050641	4	BOLT-KESSLER AXLE
13	7050519	1	SCREW PLUG-KESSLER REAR AXLE	34	7050531	2	RADIAL SEAL RING
14	7050634	1	LEVER-KESSLER AXLE	35	7050632	2	RING-KESSLER AXLE
15	7050651	2	ROD END-TRACK ARM,RH	36	7050532	2	RADIAL SEAL.RING-KESSLER
16	7050635	12	HEXAGON SCREW-M20,KESSLER AXLE	37	7050631	2	WHEEL HUB-KESSLER AXLE
17	7050653	2	CASTLE NUT-TRACK ARM	38	7050533	4	TAPERED ROLLER BEARING-KESSLER
18	7050633	1	LEVER-KESSLER AXLE	39	7050534	2	NUT-KESSLER REAR AXLE
19	7050624	2	DISK-KESSLER AXLE	40	7050535	2	HEXAGON SOCKET SCREW-KESSLER
20	7050625	4	BUSHING-KESSLER AXLE	41	7050536	2	BRAKE DRUM-KESSLER RR AXLE
21	7050627	4	CIRCLIP-KESSLER AXLE	42	7050540	8	HEXAGON SOCKET SCREW-KESSLER
22	7050629	4	RADIAL SEAL RING-KESSLER AXLE	43	7050539	34	HEXAGON SOCKET SCREW-KESSLER

4WD Kessler Transmission

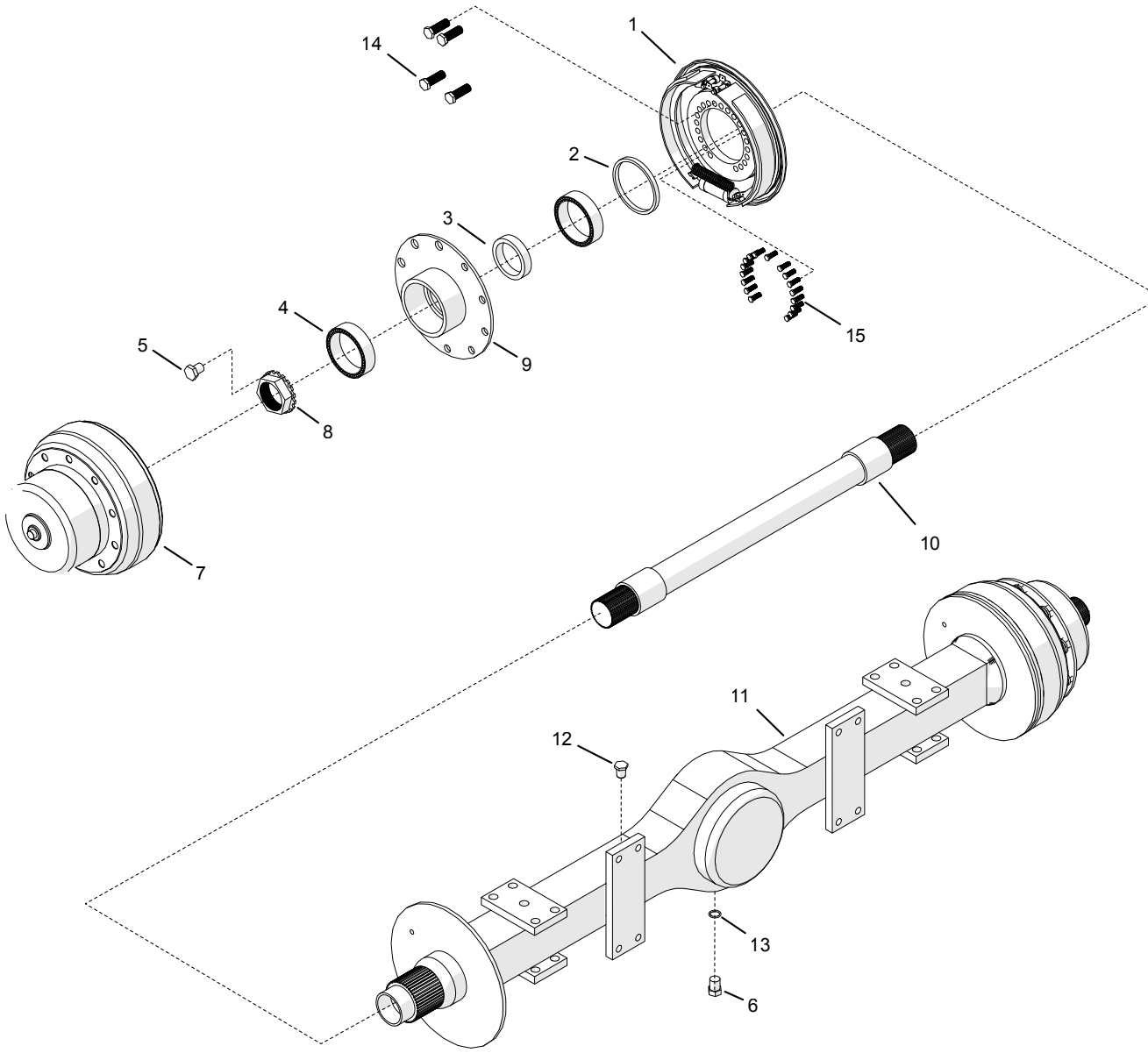
VIEW B



REF	PART NO.	QTY	DESCRIPTION
1	3111573	1	AXLE-WELDMENT,REAR,KESSLER
2	0131017	16	WASHER-FLAT,0.75A(.81X1.47)PD
3	3111492	1	GASKET-KESSLER AXLE INPUT
4	6100267	8	SCREW-HEX,0.75NCX3.00,GR8,PN
5	6100677	4	WASHER-LOCK,16MM,SPRING,PD
6	6100718	4	SCREW-SHC,M16-2X50MM,GR12.9,PD
7	6450758	20	NUT-FLANGE,2 PIECE,33MM HEX
8	6603559	2	SPLIT FLNG-1-1/4,CODE62,METRIC
9	6605173	1	MOTOR-HYD,160CC,VAR DISP,DT
10	7420292	2	O-RING, 1.484 I . D . X .139 THICK
11	9414000	8	NUT-HEX,LOCK,0.75NC,GR8,PD

Rear Axle Weldment

3111573 - From *VIEW B*

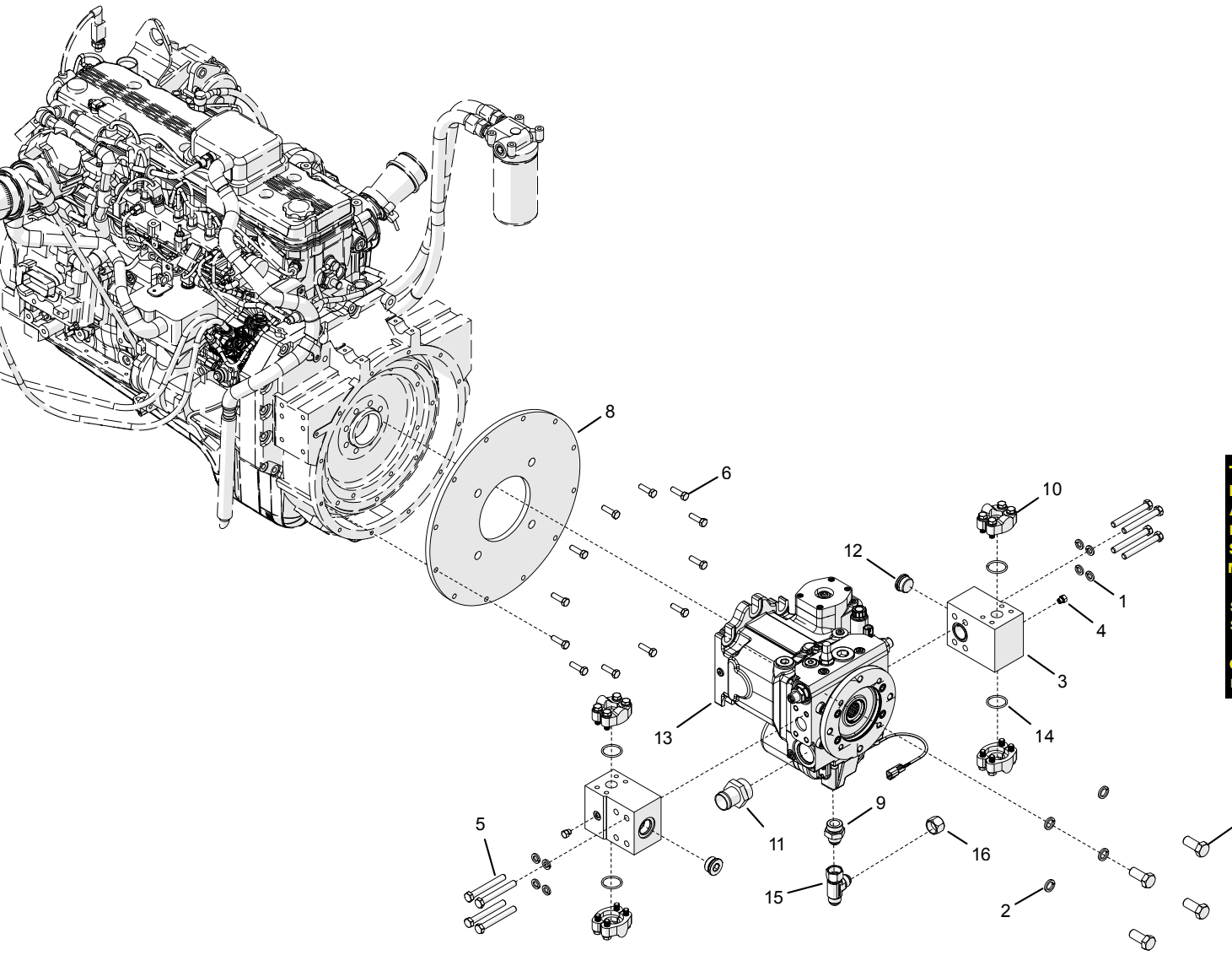


TRANSMISSION

REF	PART NO.	QTY	DESCRIPTION
1	7050538	2	BRAKE-KESSLER RR AXLE
2	7050531	2	RADIAL SEAL RING
3	7050532	2	RADIAL SEAL RING-KESSLER
4	7050533	4	TAPERED ROLLER BEARING-KESSLER
5	7050535	2	HEXAGON SOCKET SCREW-KESSLER
6	7050519	1	SCREW PLUG-KESSLER REAR AXLE
7	7050536	2	BRAKE DRUM-KESSLER RR AXLE
8	7050534	2	NUT-KESSLER REAR AXLE
9	7050522	2	WHEEL HUB-KESSLER REAR AXLE
10	7050521	2	AXLE SHAFT-KESSLER REAR AXLE
11	3111475	1	AXLE-WELDMENT,REAR,KESSLER
12	7050518	1	BREATHER-KESSLER REAR AXLE
13	7050520	1	SEALING RING-KESSLER REAR AXLE
14	7050540	8	HEXAGON SOCKET SCREW-KESSLER
15	7050539	34	HEXAGON SOCKET SCREW-KESSLER

4WD Kessler Transmission

VIEW C

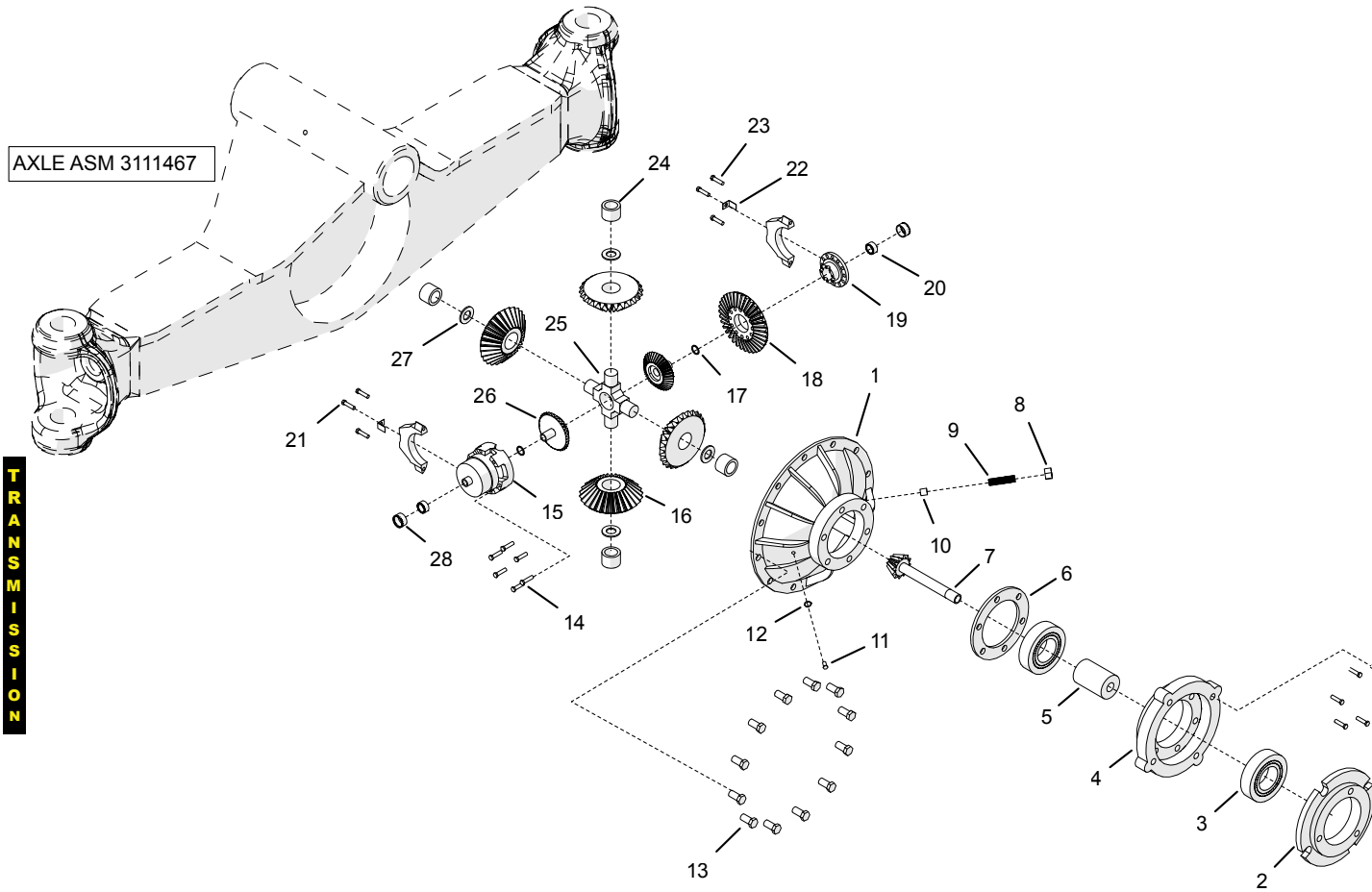


TRANSMISSION

REF	PART NO.	QTY	DESCRIPTION
1	0120384	8	WASHER-LOCK,0.50,SPRING,PD
2	0131046	4	WASHER-LOCK,0.75,SPRING,PD
3	3181996	1	TEE-HYDR,20FLH-16FLH-16FLH
4	9410356	2	PLUG-HYDR, 04MB
5	6100339	8	SCREW-HEX,0.50NCX4.00,GR5,PD
6	6100362	12	BOLT-HEX,M10-1.5X35MMLG,GR.8.8
7	6100419	4	SCREW-HEX,0.75NCX1.75,GR8,PD
8	6400511	1	PUMP DRIVE-RUBBER FLEXPLATE
9	6601418	1	ADAPTER-HYDR,ST,12MJ-16MB
10	6602624	4	SPLIT FLANGE KIT-1"CODE 62
11	6602736	1	HOSE END 24BARB-24MB
12	6603966	2	PLUG-HYDR, 16MB, INTERNAL HEX
13	6605171	1	PUMP-125CC V/DISP,5800PSI , DT
14	7420292	4	O-RING,1.484 I . D . X . 139 THICK
15	9410335	1	TEE-HYDR,12MJ-12FJX-12MJ
16	9403374	1	CAP-HYDRAULIC 37 DEG FL,0.75

Front Differential / Carrier Asm

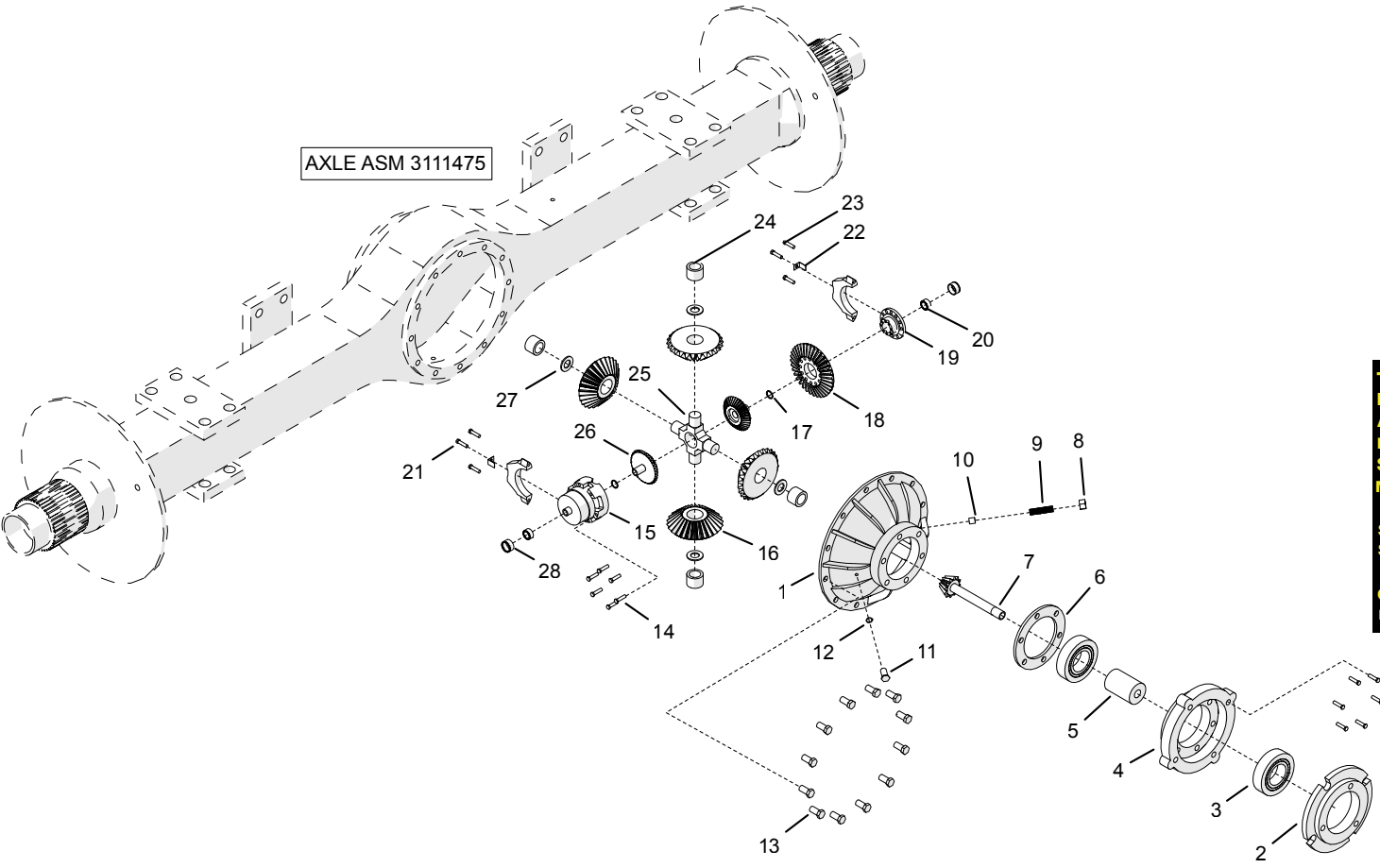
7050647



REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	7050598	1	DIFFERENTIAL CARRIER-KESSLER	15	7050570	1	DIFFERENTIAL HOUSING-KESSLER
2	7050613	1	ADJUSTING NUT-KESSLER RR AXLE	16	7050588	4	DIFFERENTIAL PINION-KESSLER
3	7050609	2	TAPERED ROLLER BEARING-KESSLER	17	7050589	2	THRUST WASHER-KESSLER
4	7050611	1	PINION HOUSING-KESSLER RR AXLE	18	7050568	1	RING GEAR-KESSLER RR AXLE
5	7050610	1	BUSHING-KESSLER RR AXLE	19	7050569	1	DIFFERENTIAL HOUSING-KESSLER
6	7050612	1	DISK-KESSLER RR AXLE	20	7050597	2	TAPERED ROLLER BEARING-KESSLER
7	7050567	1	DRIVE PINION-KESSLER RR AXLE	21	7050602	2	HEXAGON SCREW-KESSLER
8	7050608	1	HEXAGON NUT-KESSLER RR AXLE	22	7050601	2	LOCK PLATE-KESSLER RR AXLE
9	7050606	1	SUPPORT BOLT-KESSLER RR AXLE	23	7050599	4	HEXAGON SCREW-KESSLER
10	7050607	1	CAP-KESSLER RR AXLE	24	7050591	4	BEARING BUSHING-KESSLER
11	7050604	1	SCREW PLUG-KESSLER RR AXLE	25	7050571	1	DIFFERENTIAL SPIDER-KESSLER
12	7050605	1	SEALING RING-KESSLER RR AXLE	26	7050572	2	DIFFERENTIAL SIDE GEAR-KESSLER
13	7050603	12	HEXAGON SCREW-KESSLER	27	7050590	4	THRUST WASHER-KESSLER
14	7050592	12	HEXAGON SOCKET SCREW-KESSLER	28	7050600	2	SETTING RING-KESSLER RR AXLE

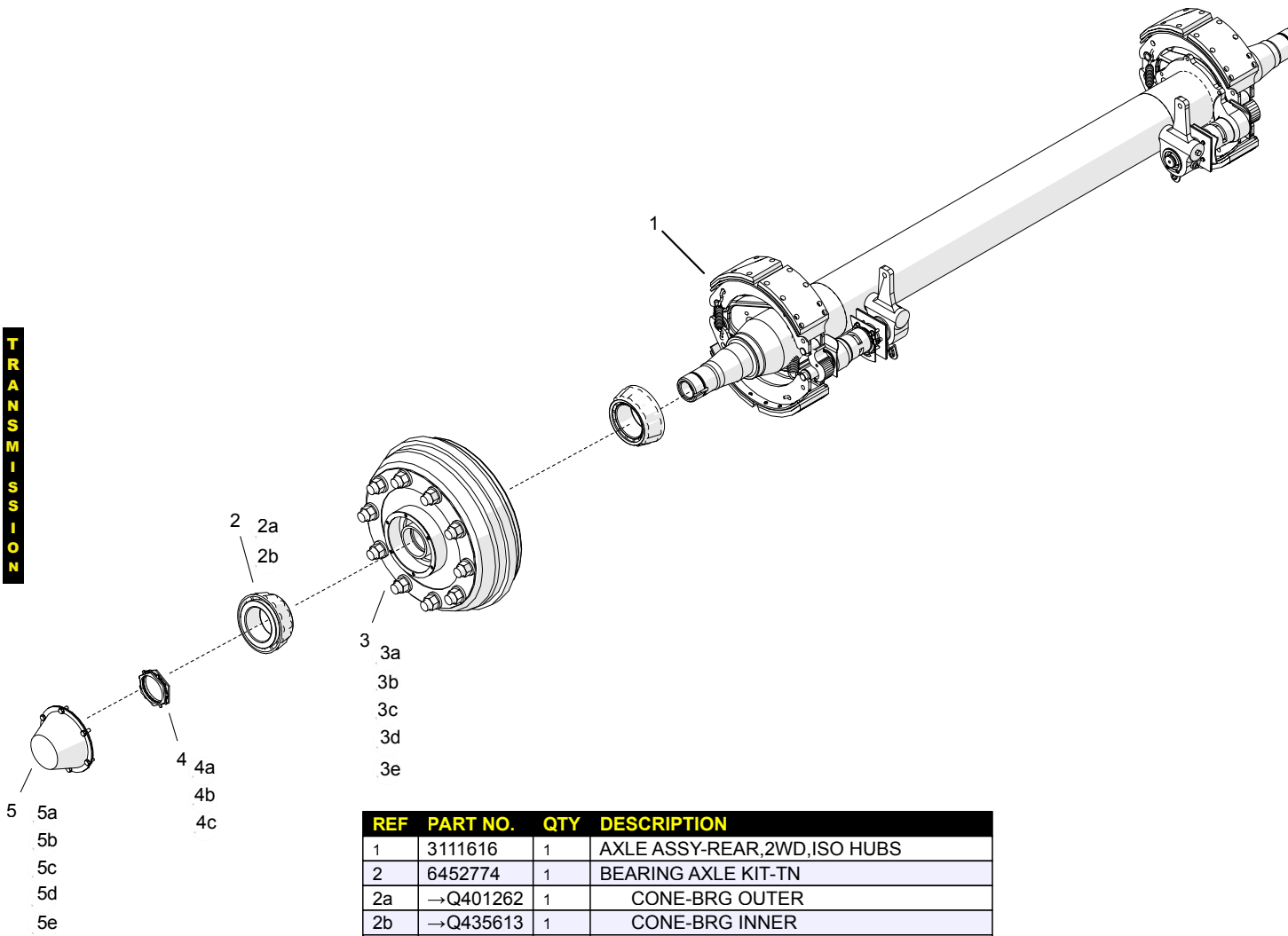
Rear Differential / Carrier Asm

7050566



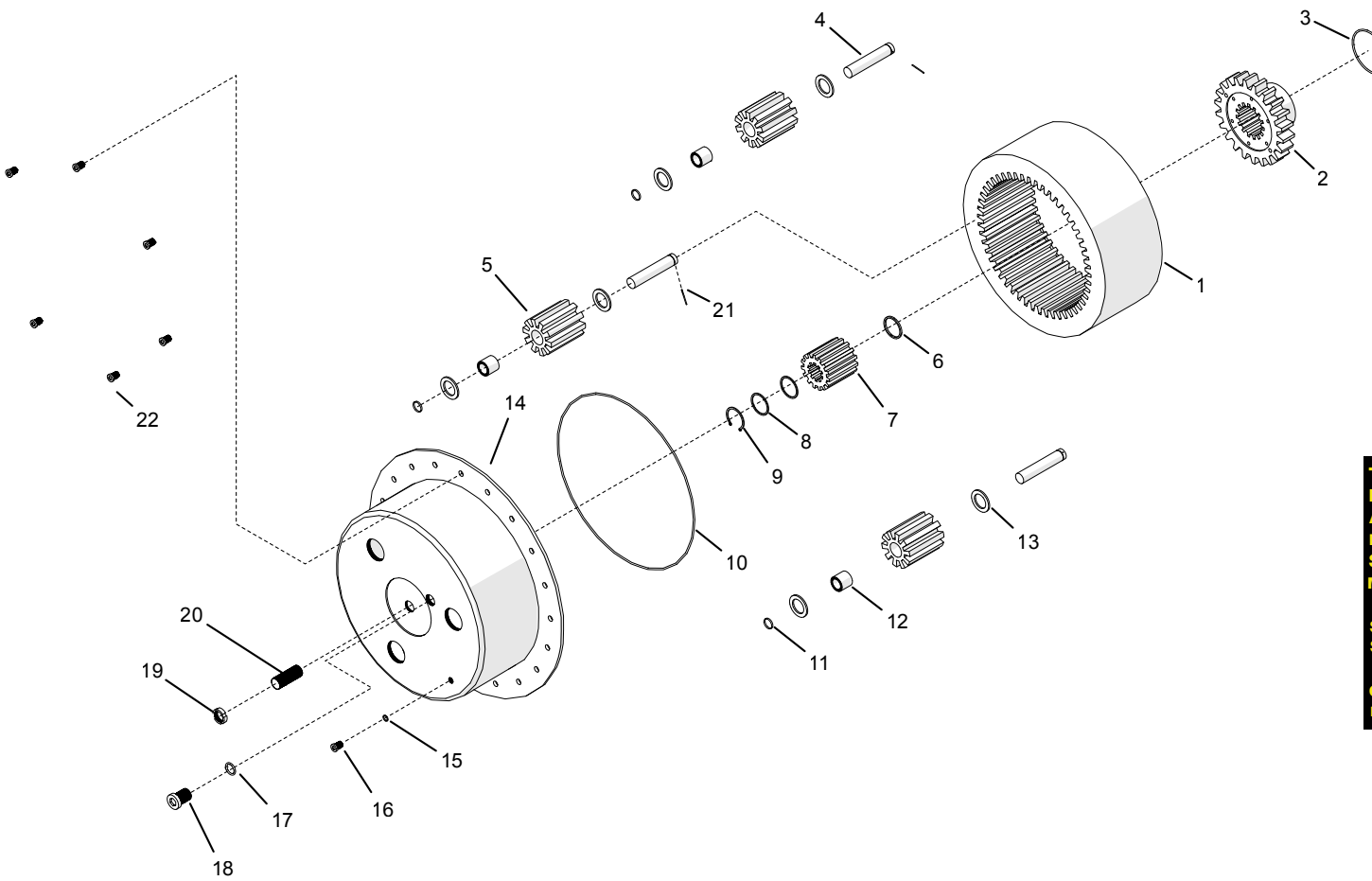
REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	7050598	1	DIFFERENTIAL CARRIER-KESSLER	15	7050570	1	DIFFERENTIAL HOUSING-KESSLER
2	7050613	1	ADJUSTING NUT-KESSLER RR AXLE	16	7050588	4	DIFFERENTIAL PINION-KESSLER
3	7050609	2	TAPERED ROLLER BEARING-KESSLER	17	7050589	2	THRUST WASHER-KESSLER
4	7050611	1	PINION HOUSING-KESSLER RR AXLE	18	7050568	1	RING GEAR-KESSLER RR AXLE
5	7050610	1	BUSHING-KESSLER RR AXLE	19	7050569	1	DIFFERENTIAL HOUSING-KESSLER
6	7050612	1	DISK-KESSLER RR AXLE	20	7050597	2	TAPERED ROLLER BEARING-KESSLER
7	7050567	1	DRIVE PINION-KESSLER RR AXLE	21	7050602	2	HEXAGON SCREW-KESSLER
8	7050608	1	HEXAGON NUT-KESSLER RR AXLE	22	7050601	2	LOCK PLATE-KESSLER RR AXLE
9	7050606	1	SUPPORT BOLT-KESSLER RR AXLE	23	7050599	4	HEXAGON SCREW-KESSLER
10	7050607	1	CAP-KESSLER RR AXLE	24	7050591	4	BEARING BUSHING-KESSLER
11	7050604	1	SCREW PLUG-KESSLER RR AXLE	25	7050571	1	DIFFERENTIAL SPIDER-KESSLER
12	7050605	1	SEALING RING-KESSLER RR AXLE	26	7050572	2	DIFFERENTIAL SIDE GEAR-KESSLER
13	7050603	12	HEXAGON SCREW-KESSLER	27	7050590	4	THRUST WASHER-KESSLER
14	7050592	12	HEXAGON SOCKET SCREW-KESSLER	28	7050600	2	SETTING RING-KESSLER RR AXLE

Axle, Hub & Drum Asm



REF	PART NO.	QTY	DESCRIPTION
1	3111616	1	AXLE ASSY-REAR,2WD,ISO HUBS
2	6452774	1	BEARING AXLE KIT-TN
2a	→Q401262	1	CONE-BRG OUTER
2b	→Q435613	1	CONE-BRG INNER
3	6452552	1	HUB & DURM ASM-10 STUD, 335MM BC
3a	→7050923	1	BRAKE DRUM-335MM BC, 16.5 X 7 BRK
3b	→Q401263	1	CUP-BEARING
3c	→Q435614	1	CUP-BEARING
3d	→Q492965	10	WHEEL STUD, EMI#5322
3e	→6450758	10	NUT-FLANGE, 2 PIECE, 33MM HEX
4	Q527019	1	SPINDLE NUT KIT
4a	→Q400676	1	NUT
4b	→Q400677	1	NUT-LOCK
4c	→Q400678	1	NUT
5	6450585	1	OIL SEAL AXLE KIT-TN STEMCO GN
5a	→Q476230	1	OIL SEAL (GUARDIAN)
5b	→Q413458	1	GASKET
5c	→Q400485	1	CAP-HUB
5d	→Q015155	6	LOCKWASHER-5/16
5e	→Q016836	6	CAPSCREW 5/16UNC X 3/4, GR5

Planetary Wheel End - Kessler



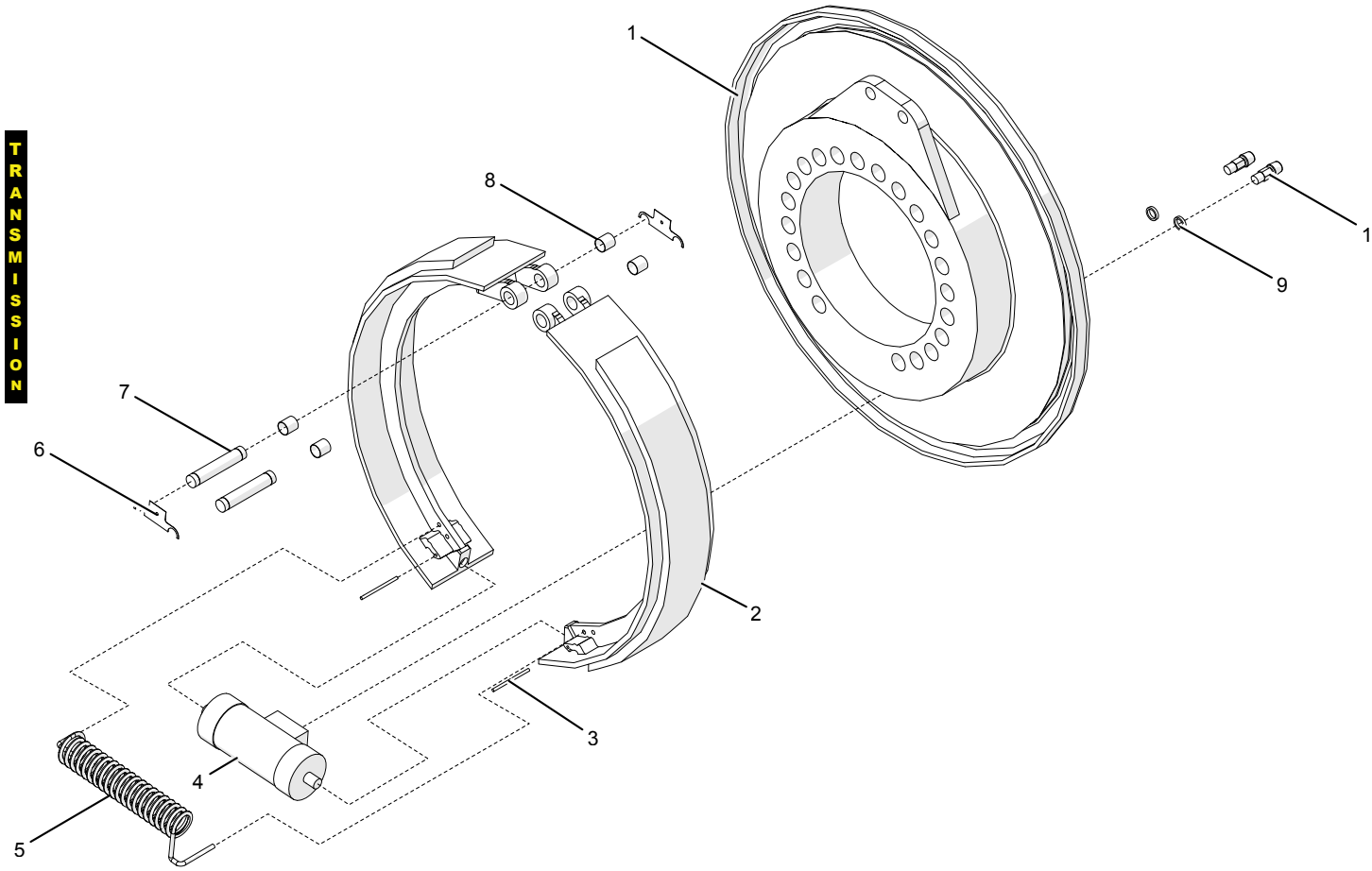
REF	PART NO.	QTY	DESCRIPTION
1	7050562	1	RING GEAR-KESSLER RR AXLE
2	7050563	1	RING GEAR CARRIER-KESSLER
3	7050564	1	CIRCLIP-KESSLER RR AXLE
4	7050560	3	PLANETARY PIN-KESSLER RR AXLE
5	7050557	3	PLANETARY GEAR-KESSLER RR AXLE
6	7050556	1	THRUST RING-KESSLER RR AXLE
7	7050554	1	SUN GEAR-KESSLER RR AXLE
8	7050646	2	THRUST WASHER-KESSLER AXLE
9	7050555	1	CIRCLIP-KESSLER RR AXLE
10	7050548	1	O-RING-KESSLER RR AXLE
11	7050565	3	O-RING-KESSLER RR AXLE
12	7050559	3	NEEDLE BEARING-KESSLER RR AXLE

REF	PART NO.	QTY	DESCRIPTION
13	7050558	6	THRUST WASHER-KESSLER RR AXLE
14	7050547	1	PLANETARY HOUSING-KESSLER
15	7050520	1	SEALING RING-KESSLER REAR AXLE
16	7050519	1	SCREW PLUG-KESSLER REAR AXLE
17	7050550	1	SEALING RING-KESSLER RR AXLE
18	7050549	1	SCREW PLUG-KESSLER RR AXLE
19	7050552	1	SLOTTED NUT-KESSLER RR AXLE
20	7050551	1	ADJUSTING SCREW-KESSLER
21	7050561	3	LOCKING PIN-KESSLER RR AXLE
22	7050553	6	HEXAGON SOCKET SCREW-KESSLER

Kessler Brake Asm

7050538

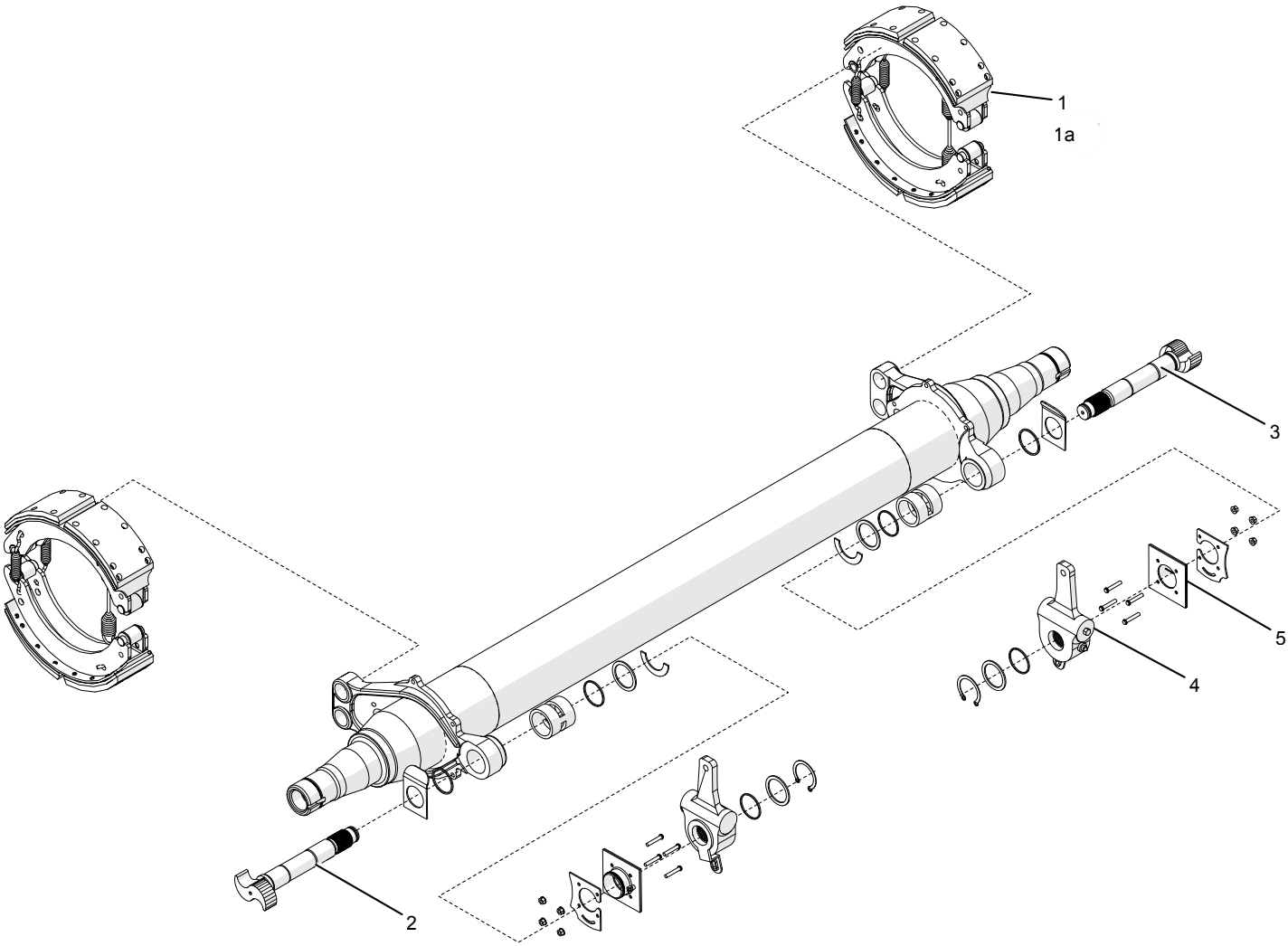
TRANSMISSION



REF	PART NO.	QTY	DESCRIPTION
1	7050541	1	BRAKE CARRIER-KESSLER
2	7050545	2	BRAKE SHOE W/LINING-KESSLER
3	7050617	2	LOCKING PIN-KESSLER RR AXLE
4	7050542	1	WHEEL CYLINDER-KESSLER
4a	→7050957	1	SEAL KIT FOR 7050542 WHEEL CYL
4b	→7050958	1	BLEED SCREW FOR 7050542 CYL
5	7050546	1	PULL SPRING-KESSLER RR AXLE
6	7050616	2	LOCK PLATE-KESSLER RR AXLE
7	7050614	2	BOLT-KESSLER RR AXLE
8	7050615	4	BEARING BUSHING-KESSLER
9	7050543	2	SPRING RING-KESSLER RR AXLE
10	7050544	2	HEXAGON SCREW-KESSLER RR AXLE

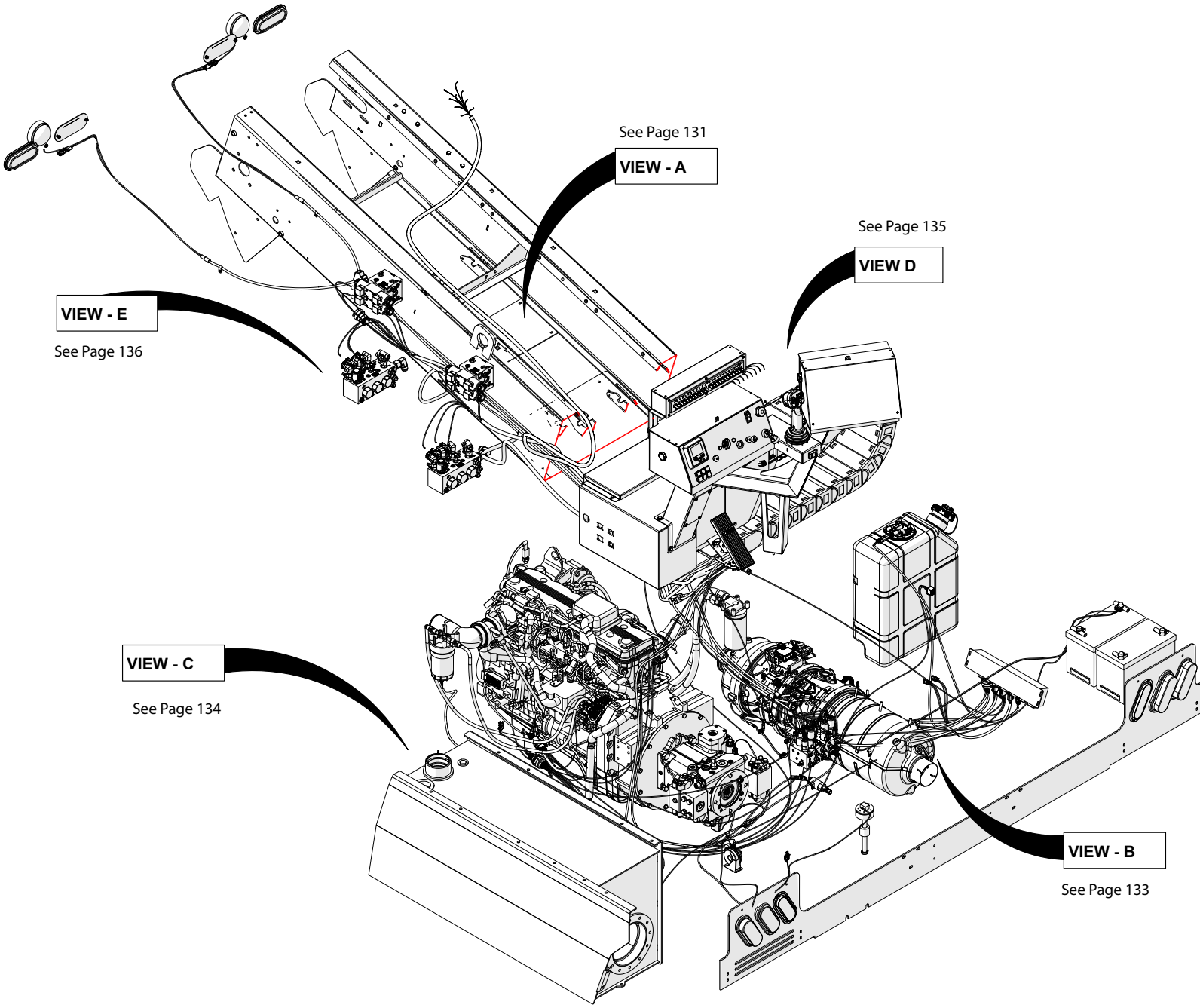
Brake Asm & S-Cam

2WD Rear Axle



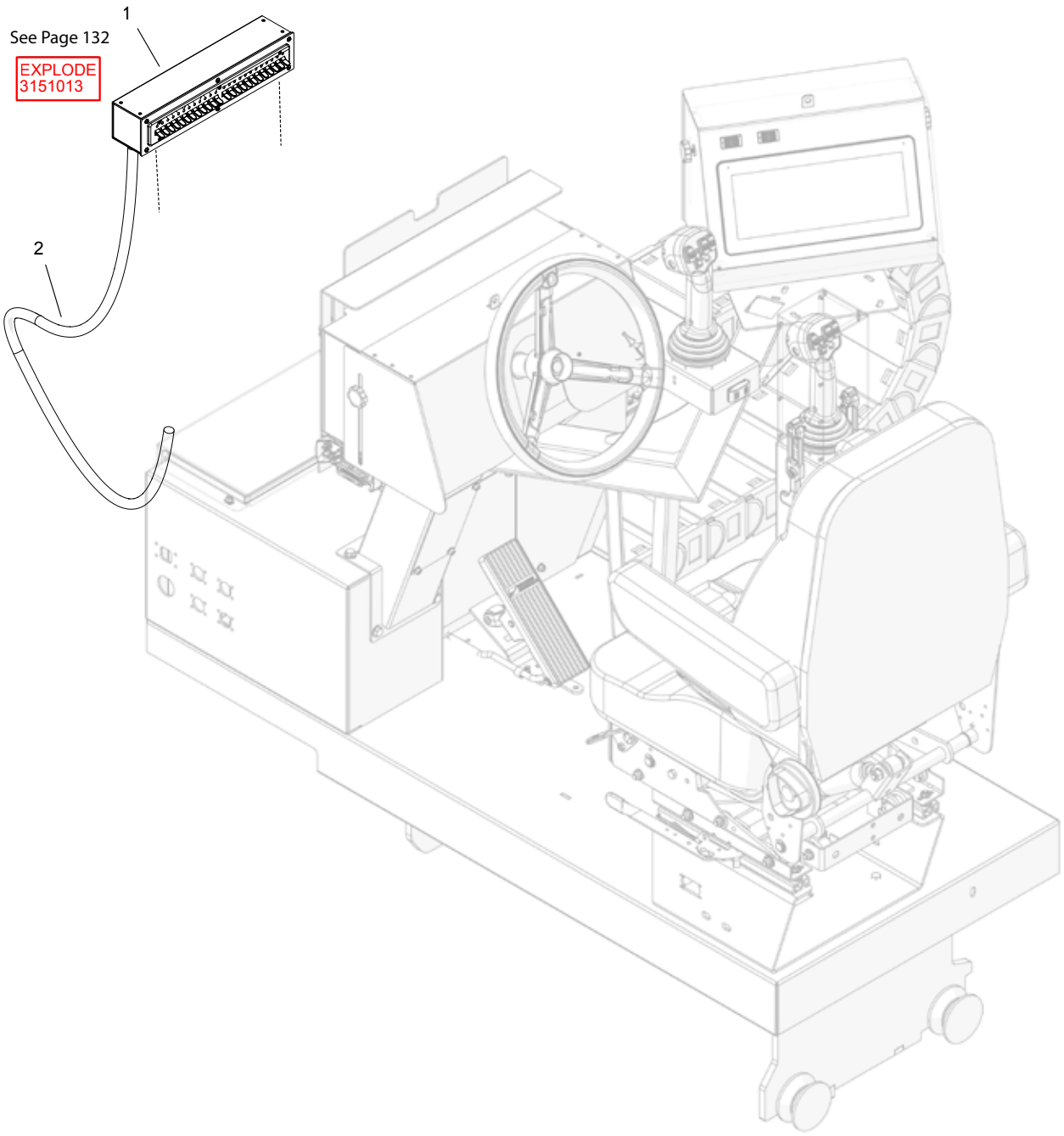
REF	PART NO.	QTY	DESCRIPTION
1	7050948	2	MAJOR OVERHAUL BRAKE KIT
1a	→7050944	2	BRAKE SHOE-LINED
2	6451152	1	CAM SHAFT-RH,33 3/8"LG,SPICER
3	6451153	1	CAM SHAFT-LH,33 3/8"LG,SPICER
4	6450884	2	SLACK ADJUSTER-AUTO,6.0-28 HAL
5	7050956	2	KIT-CAMSHAFT OVERHAUL, 3111614

Variable Width Hopper Controls



Variable Width Hopper Controls

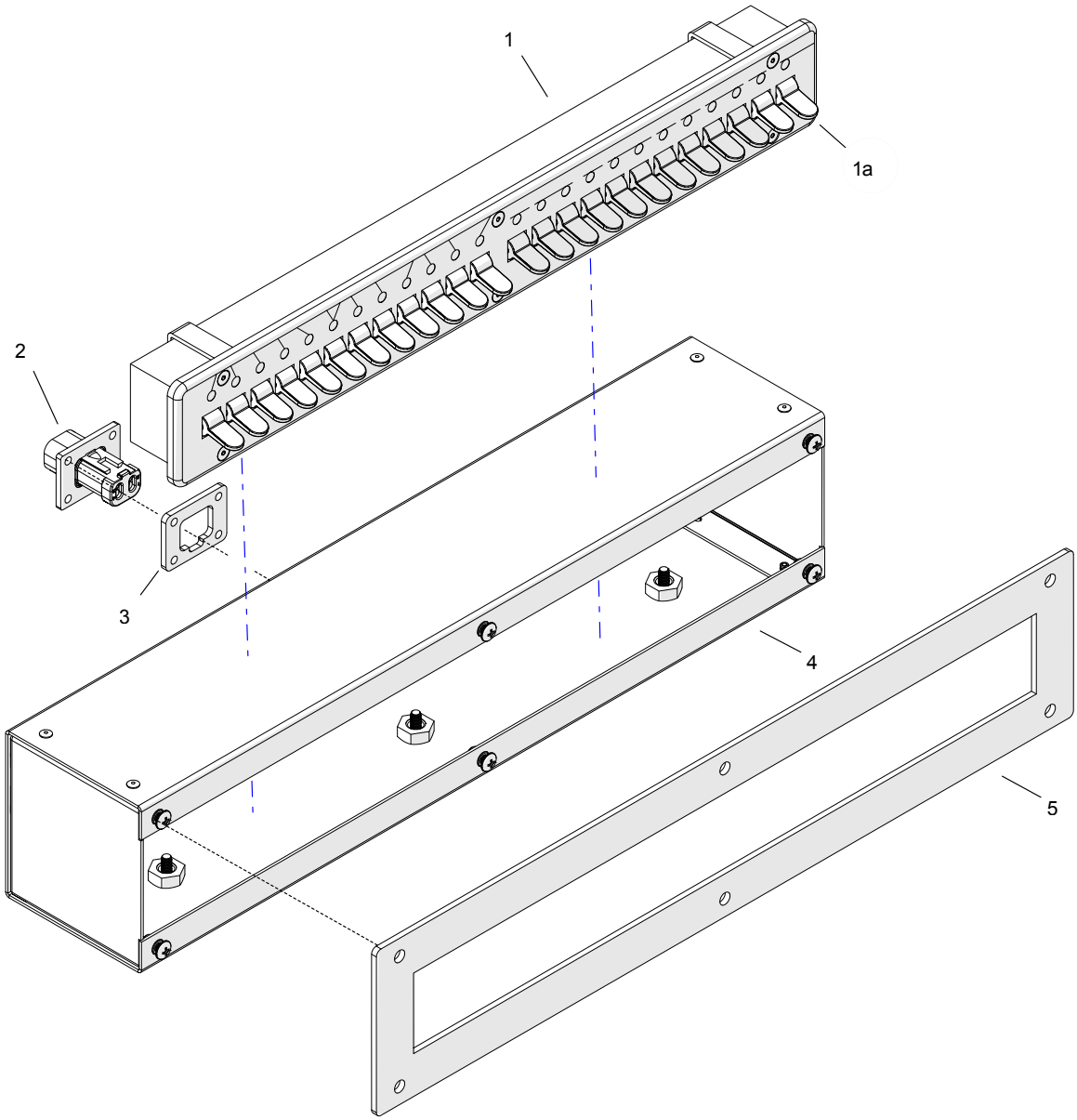
VIEW A



REF	PART NO.	QTY	DESCRIPTION
1	3151013	1	BOX ASM-GATE SWITCHES
2	3161599	1	HARNESS-GATE SWITCH JUMPER

Box Asm - Gate Switches

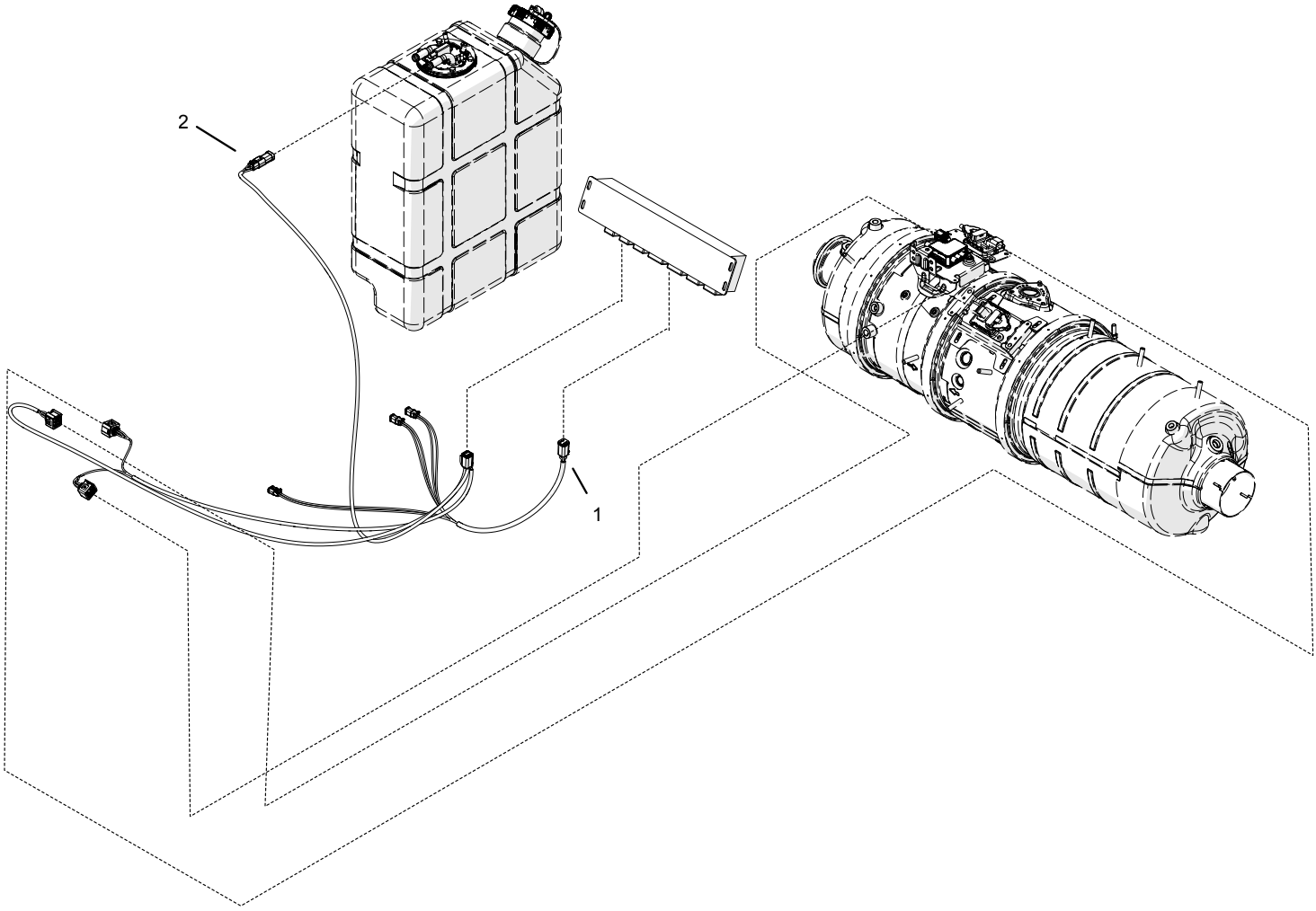
3151013 - From *VIEW A*



REF	PART NO.	QTY	DESCRIPTION
1	3161418	1	GATE MODULE-24 FEET,6 BLANKS
1a	6705048	24	REPLACEMENT SWITCH
2	6704498	1	CONNECTOR-RECEPTACL,4 PIN,BK
3	6704500	1	GASKET-NEOPRENE,4-PINCONNECTOR
4	3151015	1	BOX-GATE SWITCHES
5	3151014	1	FACEPLATE-GATE SWITCHES BOX

Variable Width Hopper Controls

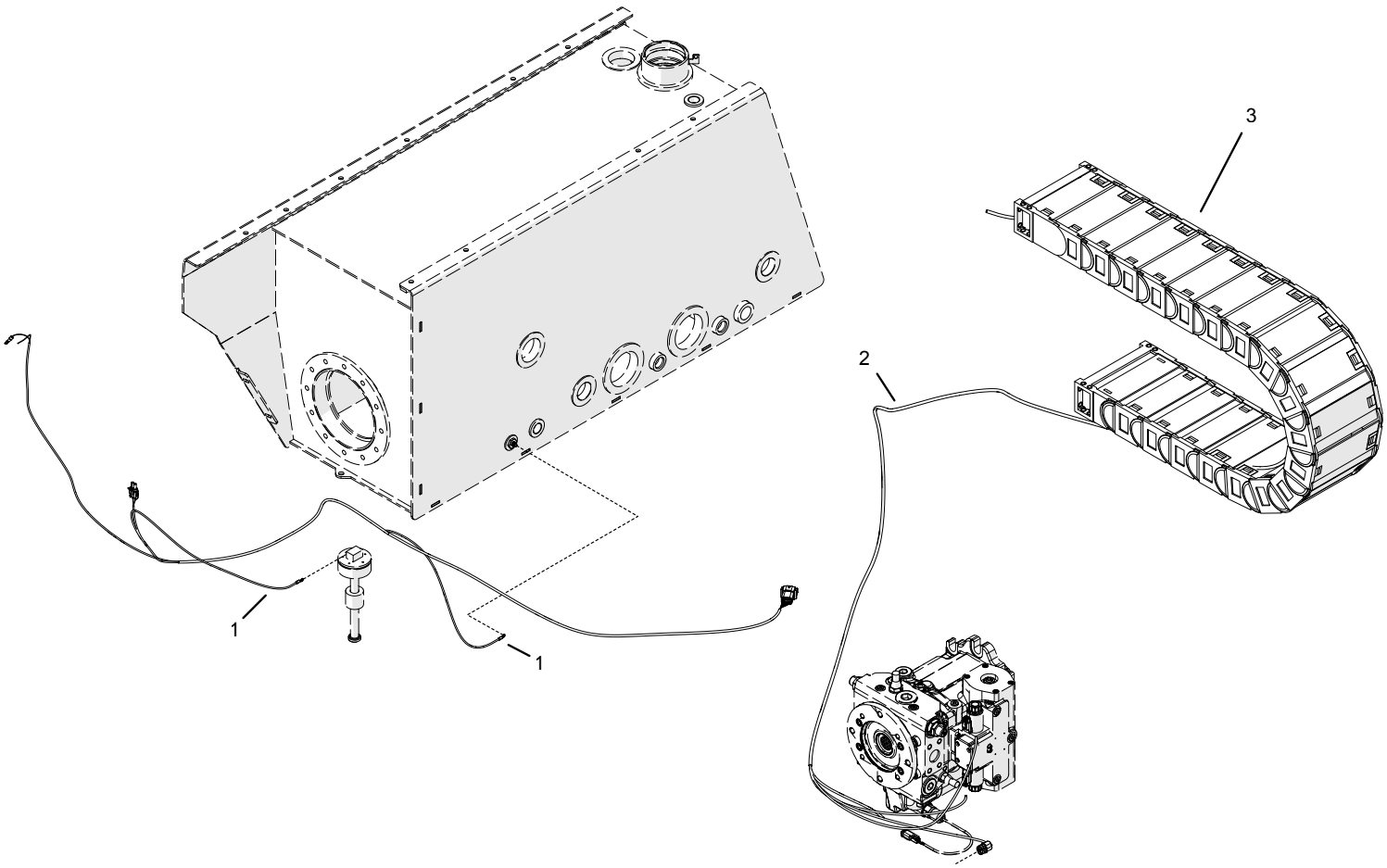
VIEW B



REF	PART NO.	QTY	DESCRIPTION
1	3161237	1	HARNESS-DEF LINE HEATERS
2	3161243	1	HARNESS-CAN, NOX/TEMP/DEF

Variable Width Hopper Controls

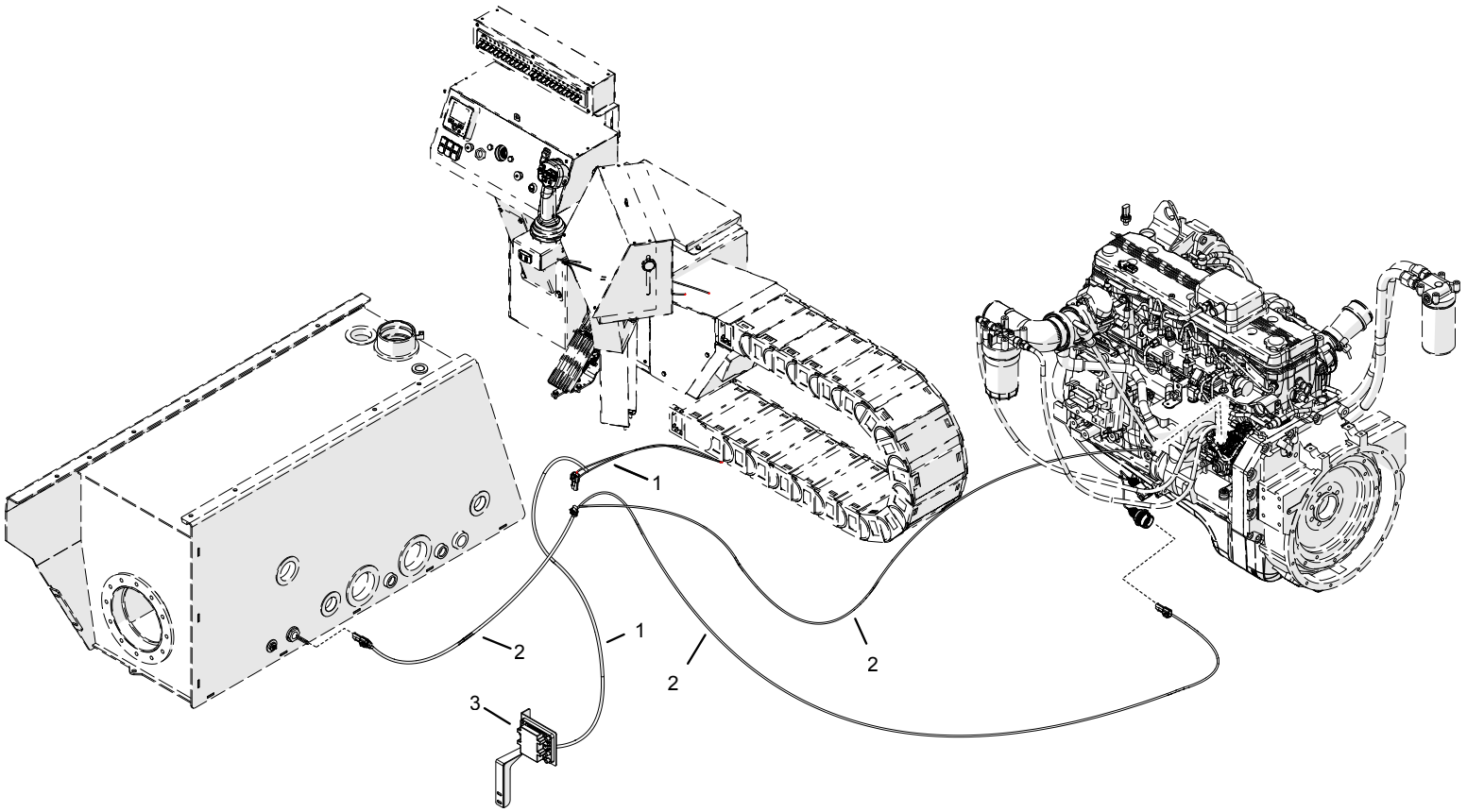
VIEW C



REF	PART NO.	QTY	DESCRIPTION
1	3161486	1	HARNESS-FUEL LEVEL, HYD TEMP
2	3161485	1	HARNESS-FRONT MOTOR, SPEED SNSR
3	6603773	1	E-CHAIN, ENCLOSED, R18840 W/MNTS

Variable Width Hopper Controls

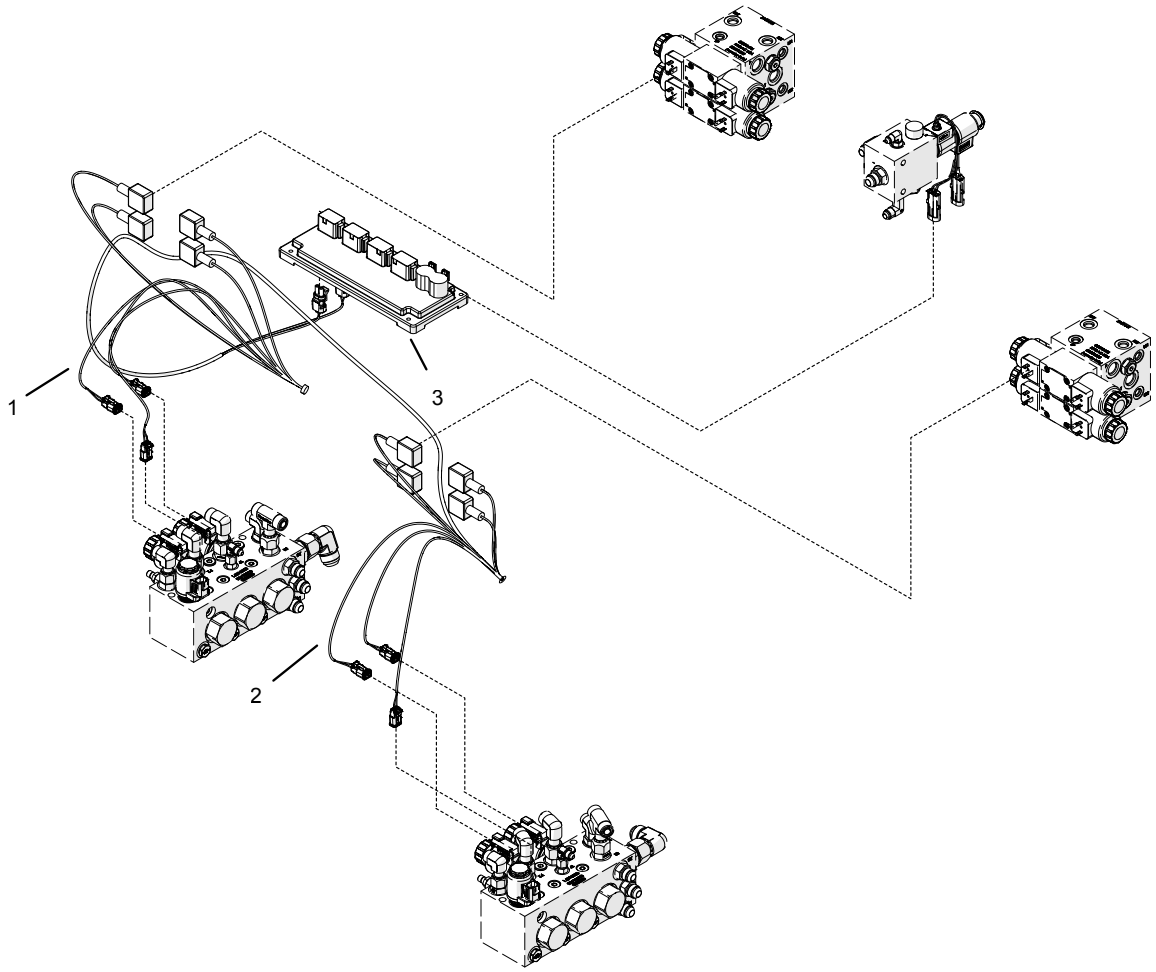
VIEW D



REF	PART NO.	QTY	DESCRIPTION
1	10002661	1	HARNESS-BUSBAR, E-CHAIN
2	3161422	1	HARNESS-ENGINE CTRLS, SEAT
3	3161432	1	BUSSBAR ASM

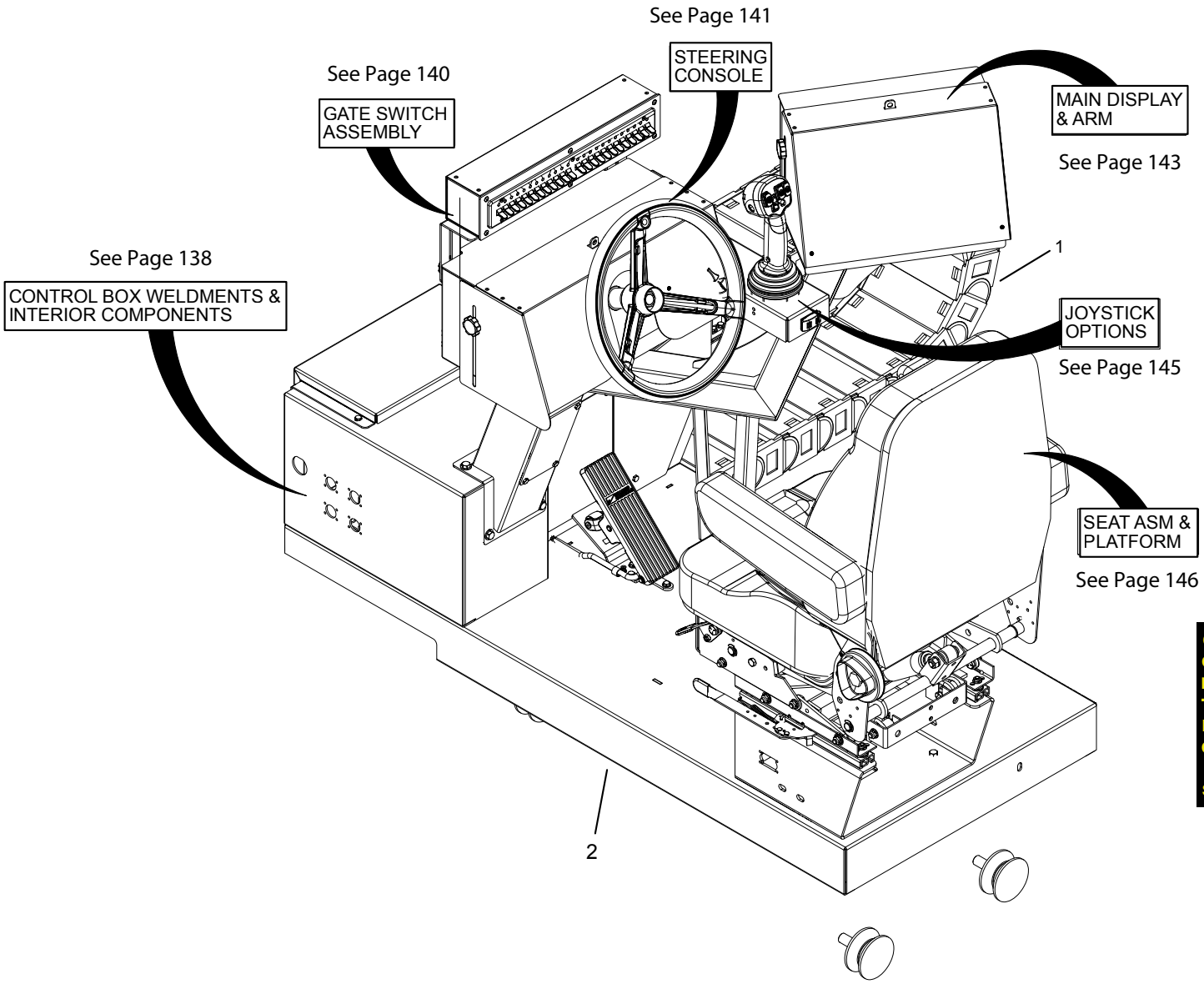
Variable Width Hopper Controls

VIEW E



REF	PART NO.	QTY	DESCRIPTION
1	3161466	1	HARNESS-HYD, MOD, OUTPUT 1
2	3161467	1	HARNESS-HYD, MOD, OUTPUT 2
3	6705015	1	MODULE-OUTPUT,20 DIGOUT,CAN

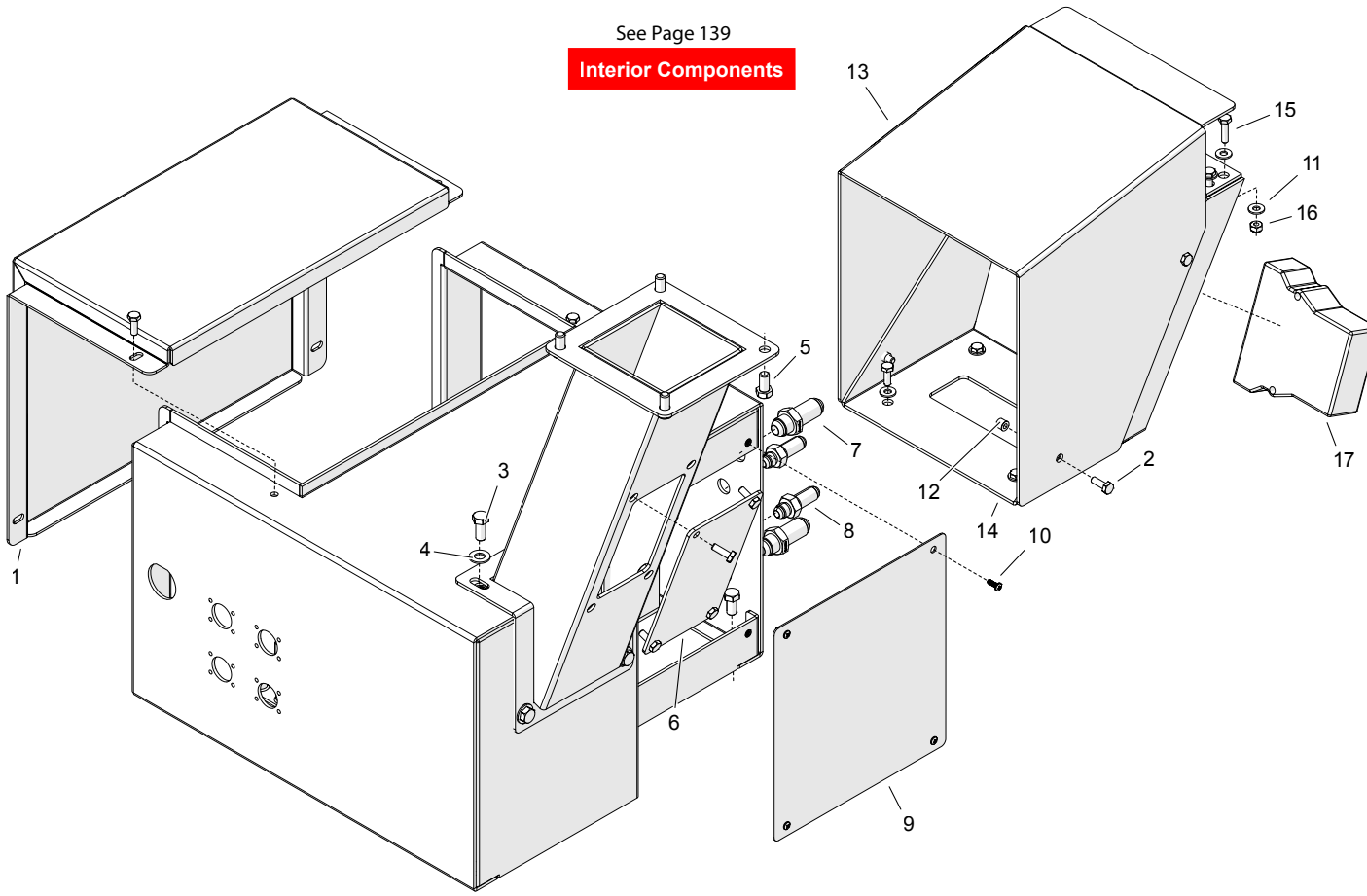
Operator's Station



REF	PART NO.	QTY	DESCRIPTION
1	6703773	1	E-CHAIN
2	10002527	1	OPERATOR STATION PLATE WLDMNT

Control Box Weldment

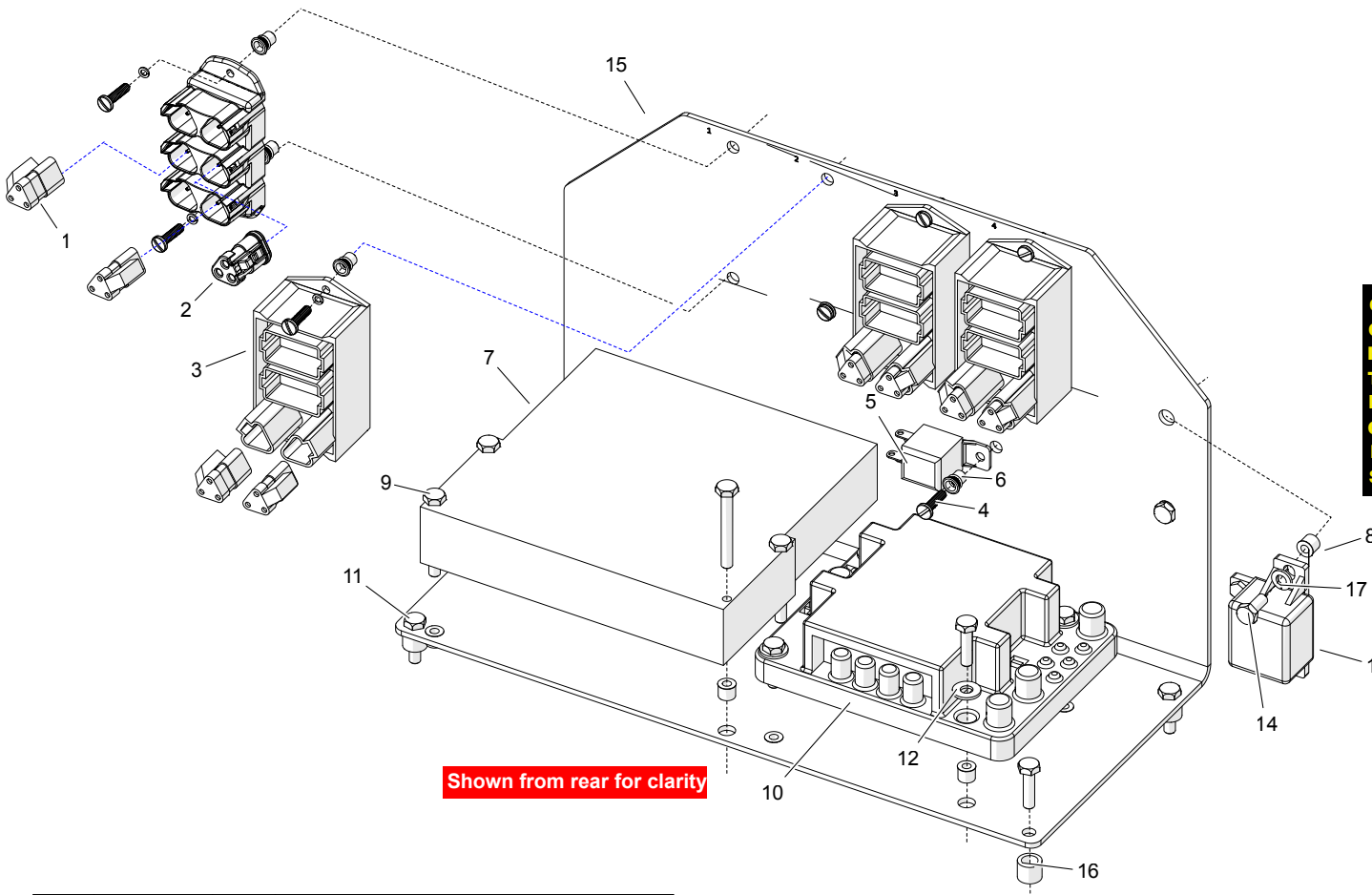
See Page 139
Interior Components



REF	PART NO.	QTY	DESCRIPTION
1	10002492	1	COVER CONTROLS BOX, TOUCH CHIP
2	0180020	16	SCREW-HEX,0.25NCX0.75,GR5,PD
3	0180121	4	SCREW-HEX,0.38NCX0.88,GR5,PD
4	0120388	4	WASHER-FLAT,SAE,STD,0.375
5	0180120	8	SCREW-HEX,0.38NCX0.75,GR5,PD
6	10002409	1	PLATE, COVER, STEERING COLUMN
7	9403255	2	ADAPTER-HYDR,ST,BHD,08MJ-08MJ
8	6605098	2	ADAPT-HYD,BHD,ST,06MJ-06MJ
9	10002807	1	CONTROLS BOX ACCESS PLATE
10	6002733	4	SCREW-TRUSS HD,PHILLIPS#8NC-32
11	0120386	12	WASHER-FLAT,0.25A(0.31X0.73)PD
12	6100381	4	NUTSERT-AVK #ATA2-420
13	10005572	1	PANEL-COVER,ECHAIN MOUNT
14	10005563	1	BRACKET-ECHAIN MOUNT
15	0180022	4	SCREW-HEX,0.25NCX1.00,GR5,PD
16	0120375	4	NUT-HEX,0.25NC,PD
17	6705161	1	REMOTE CONTROL-WIRELESS RADIO

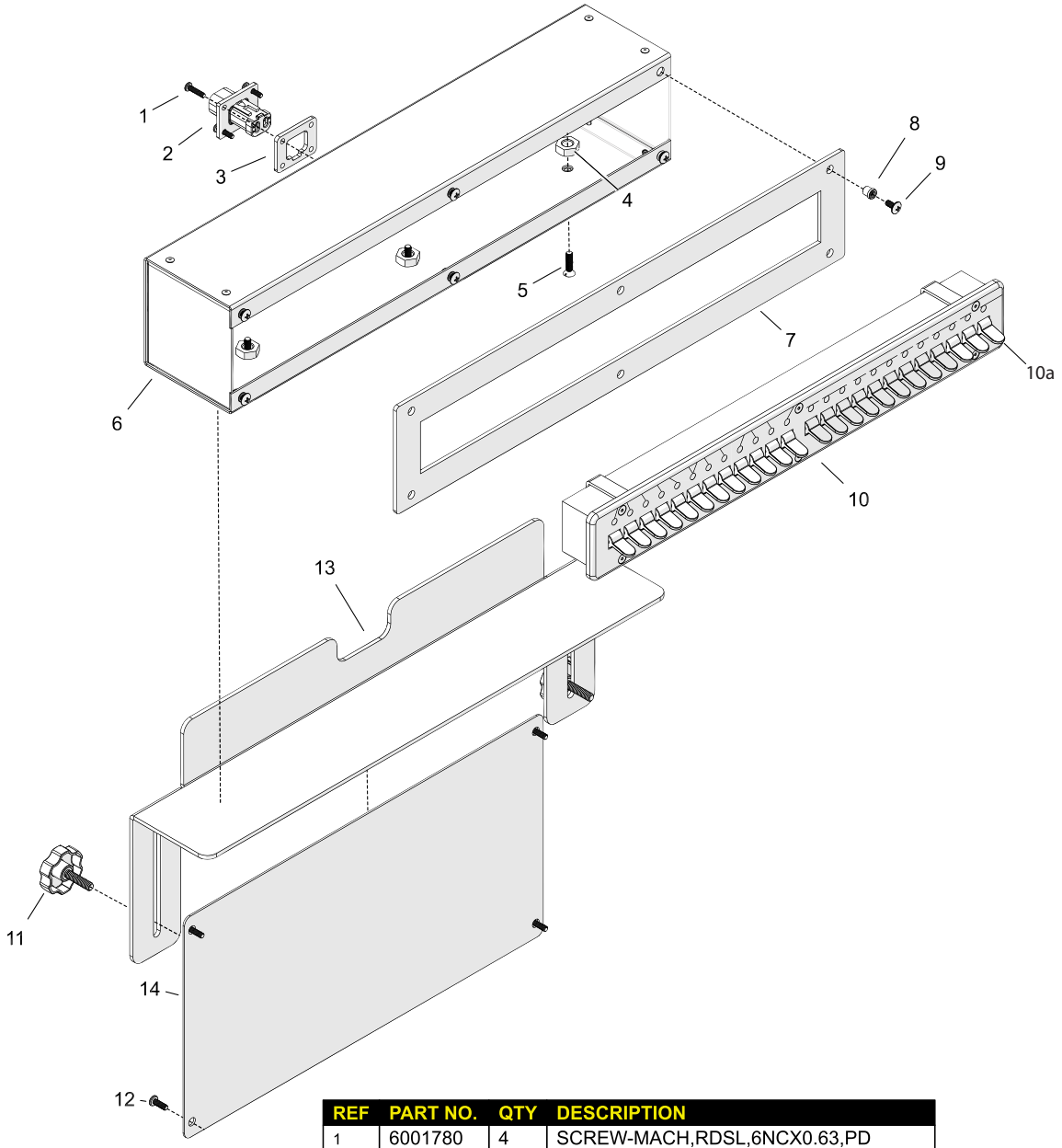
Control Box

Interior Components



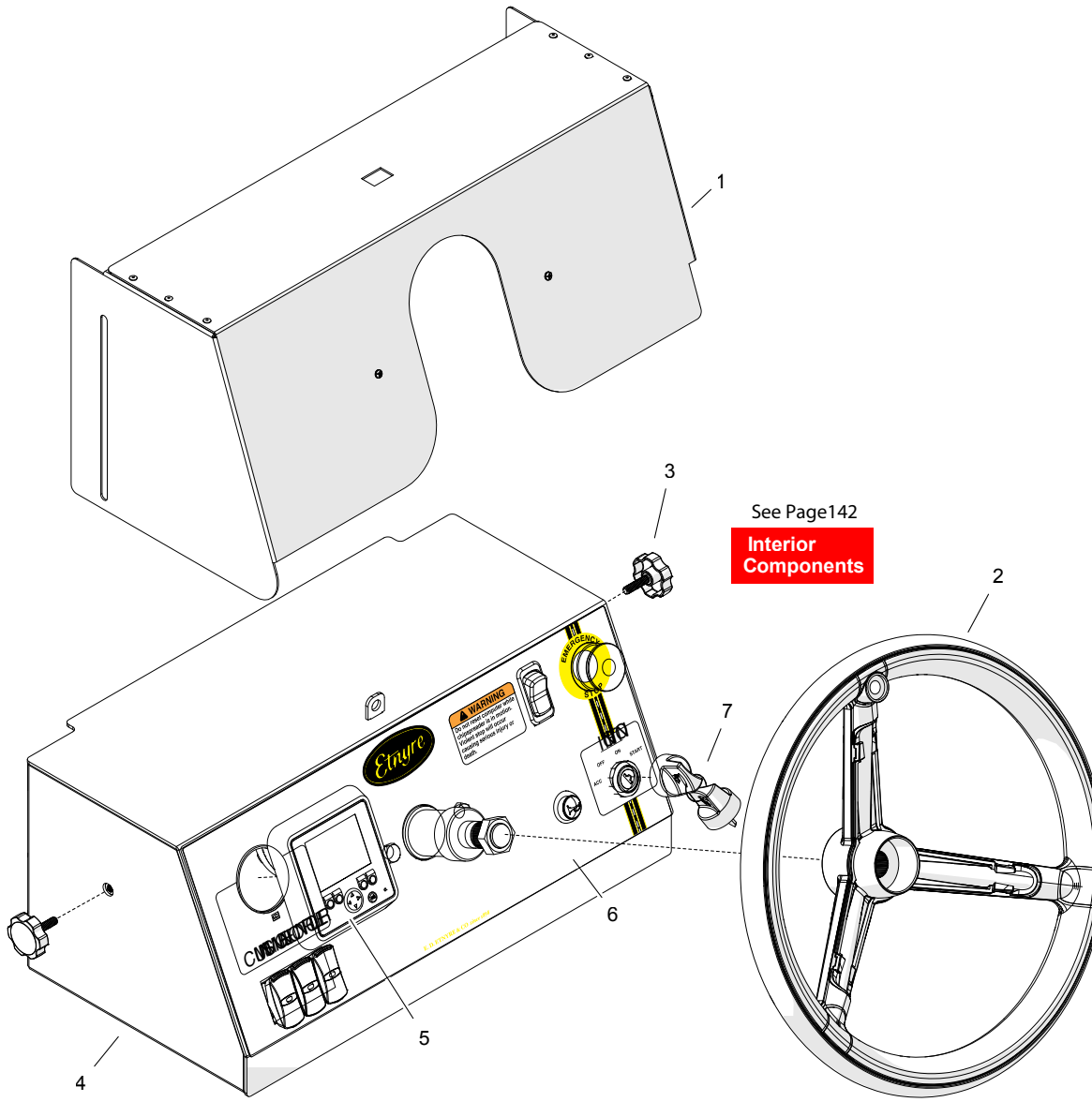
REF	PART NO.	QTY	DESCRIPTION
1	6703513	8	RESISTOR-120 OHM,GREY,PLUG
2	6704322	1	PLUG-PLUG,3 PIN,GREY
3	6704342	3	CAN PORTS-8 DEVICE AND 2 BUS
4	0436734	9	SCREW-MACH,PNSL,10NCX0.75,PD
5	6705129	1	RELAY-12V,SPDT,PANEL MOUNT
6	6002688	9	RIVET-NUT,10-32,0.13"-.225",P
7	6704664	1	CONTROLLER-CHIPS,REXROTH RC28
8	6100381	10	NUTSERT-AVK #ATA2-420
9	0180044	4	SCREW-HEX,0.25NCX2.00,GR5,PD
10	6705155	1	DISTRIBUTION MODULE-PWR,GND
11	0180022	8	SCREW-HEX,0.25NCX1.00,GR5,PD
12	0120386	4	WASHER-FLAT,0.25A(0.31X0.73)PD
13	6704470	1	RELAY-SPST,NO,75A,12VDC
14	0180018	2	SCREW-HEX,0.25NCX0.63,GR5,PD
15	10001936	1	PLATE, CONTROLS MOUNT
16	10002624	4	SPACER, CONTROLS PLATE, TSC
17	0120380	2	WASHER-LOCK,0.25,SPRING,PD

Gate Switch Assembly



REF	PART NO.	QTY	DESCRIPTION
1	6001780	4	SCREW-MACH,RDSL,6NCX0.63,PD
2	6704498	1	CONNECTOR-RECEPTACL,4 PIN,BK
3	6704500	1	GASKET-NEOPRENE,4-PINCONNECTOR
4	0120614	3	HEX NUT-MACHINE SCREW
5	6003106	3	SCREW-MACH,FLCR,10NFX0.75,PD
6	3151016	1	WRAPPER-GATE SWTICHES BOX
7	3151014	1	FACEPLATE-GATE SWITCHES BOX
8	6002582	6	RIVET-NUT,8-32,0.01-.075" MAT
9	6702100	6	SCREW-TRUSS HD,PHILLIPS#8NC-32
10	3161418	1	GATE MODULE-24 FEET,6 BLANKS
10a	6705048	24	REPLACEMENT SWITCH
11	10003237	2	THUMBSCREW 1/4" 20 X 1, KNOB
12	6002733	4	SCREW-TRUSS HD,PHILLIPS#8NC-32
13	10005955	1	RISER, GATE SWITCH BANK
14	3123594	1	COVER, REAR, STEERING CONSOLE

Steering Console

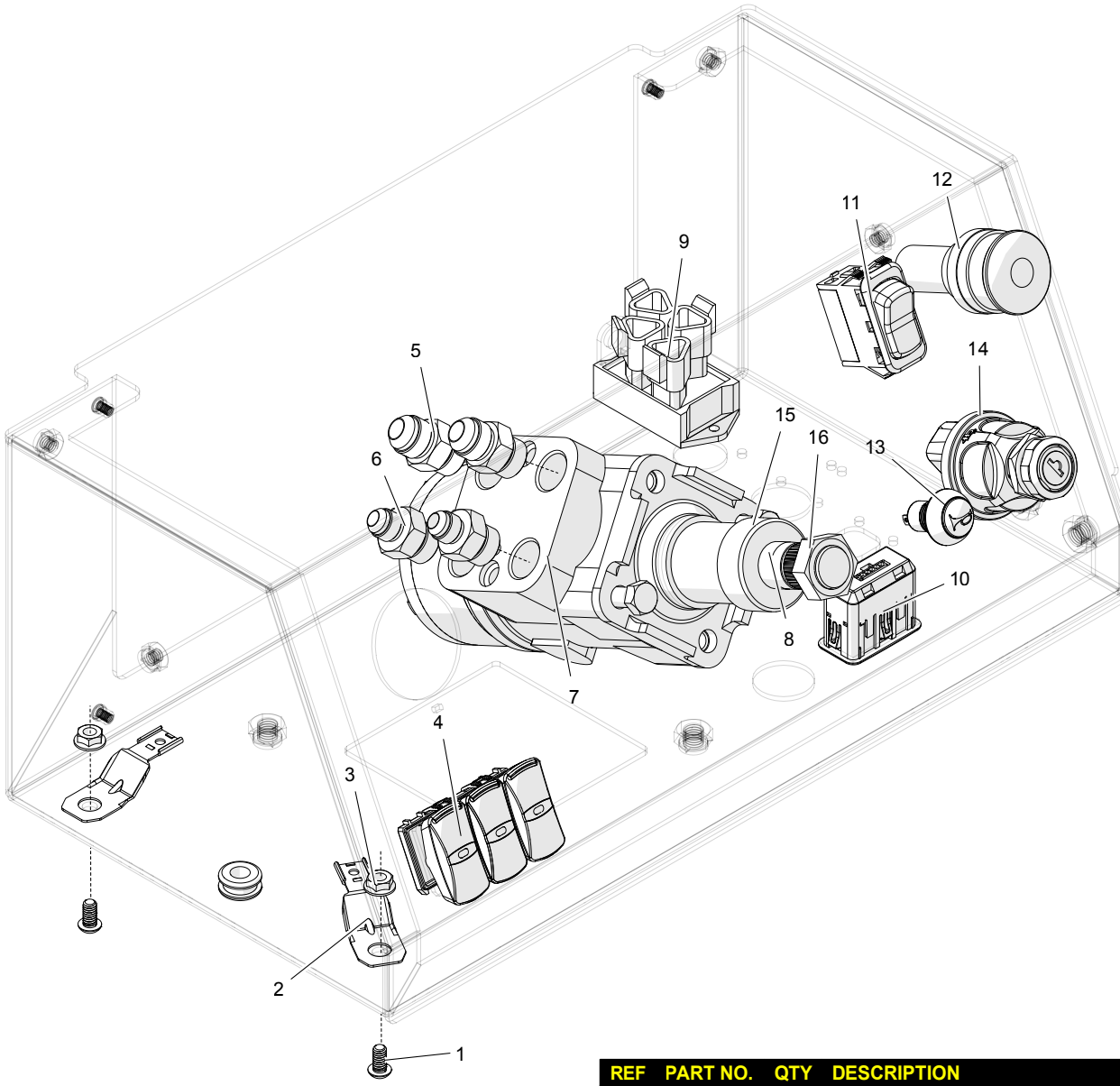


See Page142
Interior Components

REF	PART NO.	QTY	DESCRIPTION
1	10003231	1	COVER SWINGING STEERING ASM
2	6605342	1	WHEEL-STEERING,W/HUB,15"DIA.
3	10003237	2	THUMBSCREW 1/4" 20 X 1, KNOB
4	10002877	1	STEERING CONSOLE WELDMENT TSC
5	6704490	1	DISPLAY-ENG DATA,CAN,IFM
6	10002891	1	OVERLAY-CONTROL PANEL,TOUCH
7	083452	1	KEYS-BOOTED, RINGED

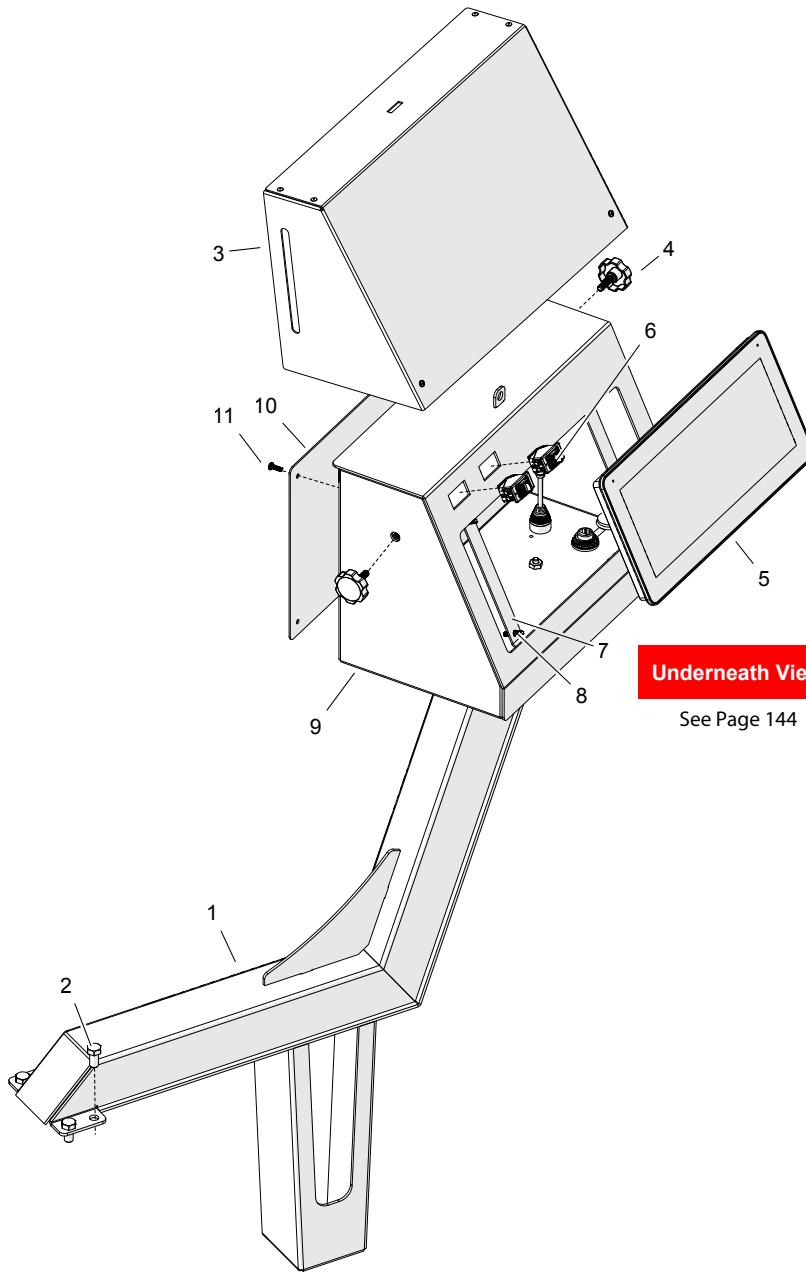
Steering Console

Interior Components



REF	PART NO.	QTY	DESCRIPTION
1	6002824	2	SCREW-SOCK,0.25NCX.50,SS
2	6704726	2	BRACKET-MOUNTING,DT SERIES,SST
3	6100713	2	NUT-FLANGED,1/4-20NC SERR
4	6705351	1	SWITCH-CAN,PARK,DRIVE,THROTTLE
5	9410203	2	ADAPTER-HYDR,ST,08MB-08MJ
6	6602133	2	ADAPTER-HYDR,ST,08MB-06MJ
7	6605139	1	STEERING UNIT-OPEN CTR,OSPC250
8	6604431	1	STEERING COLUMN-FOUR INCH
9	6704271	1	CAN PORTS-2 DEVICE AND 2 BUS
10	6704619	1	PLUG-USB CHARGER,BACKLIT
11	6705461	1	SWITCH-RESET W LOCK
12	6703408	1	SWITCH-E-STOP,TURN RESET
13	6705479	1	HORN PUSHBUTTON
14	6704781	1	SWITCH-IGN,OFF-IGN-ST
15	0180124	2	SCREW-HEX,0.38NCX1.25,GR5,PD
16	6601122	1	NUT-STEERING WHL,.812-20 UNEF

Main Display & Arm

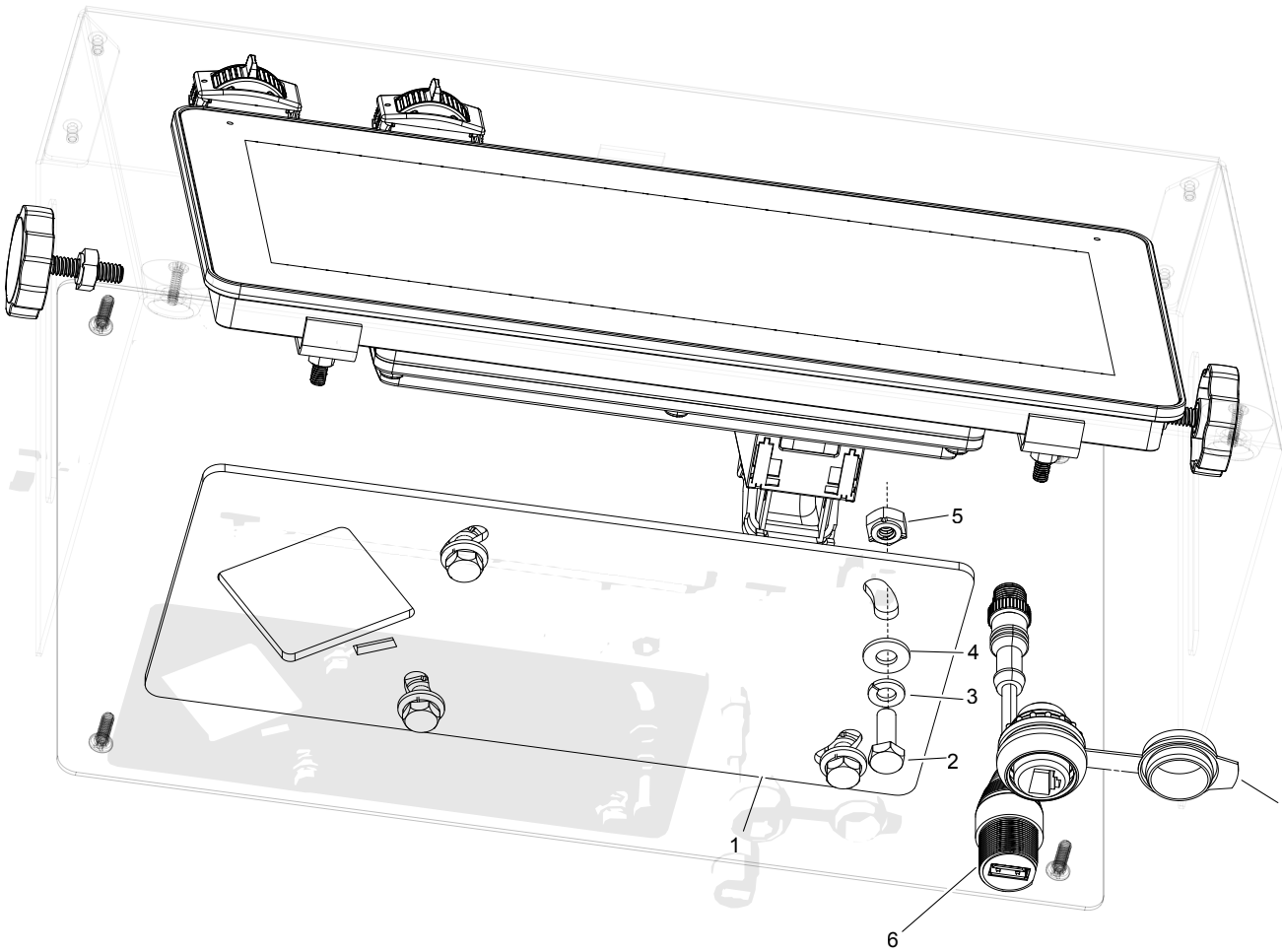


Underneath View
See Page 144

REF	PART NO.	QTY	DESCRIPTION
1	10002297	1	CHANNEL, WELDMENT, DISPLAY SUP
2	0180120	4	SCREW-HEX,0.38NCX0.75,GR5,PD
3	10003214	1	COVER, DISPLAY, SWINGING ASM
4	10003237	2	THUMBSCREW 1/4" 20 X 1, KNOB
5	6704978	1	DISPLAY-12" COLOR,TOUCH
6	6705043	2	SWITCH-PADDLE,HALL EFFECT
7	3383345	2	BRACKET-TOUCH SCREEN RETENTION
8	3383346	4	ROD-THREADED,M5X25MM
9	10002862	1	DISPLAY BOX WELDMENT
10	3123555	1	COVER, REAR, DISPLAY CONSOLE
11	6002733	4	SCREW-TRUSS HD,PHILLIPS#8NC-32

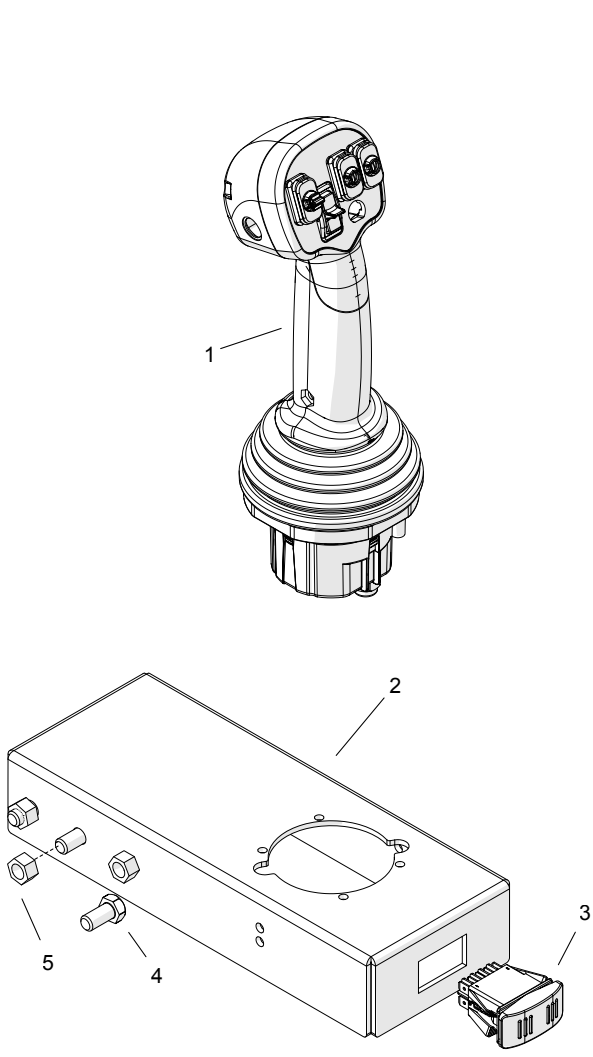
Main Display & Arm

Underneath

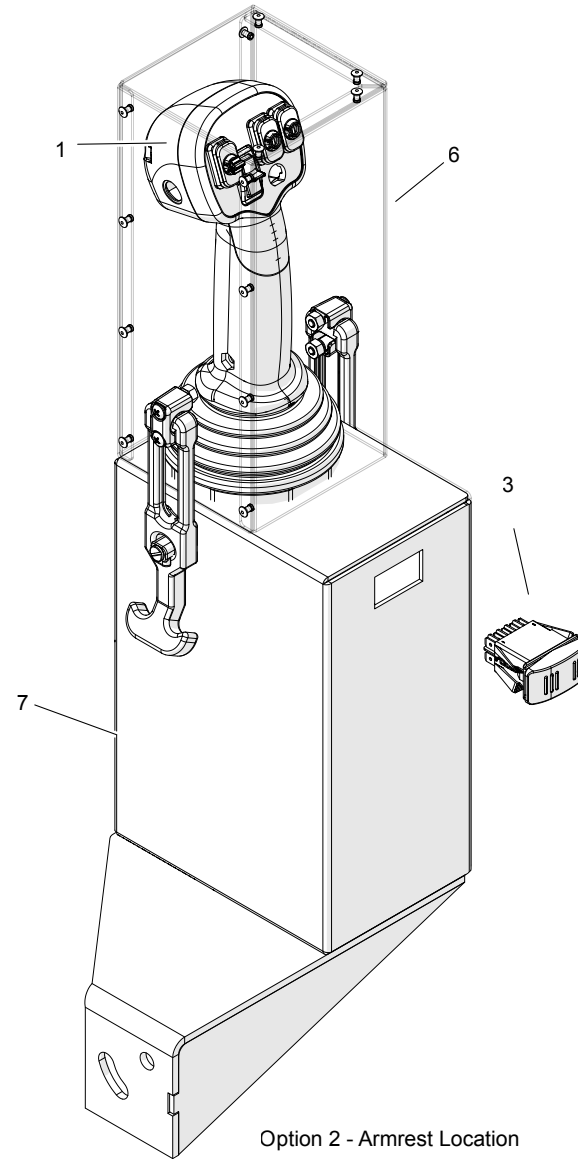


REF	PART NO.	QTY	DESCRIPTION
1	10002467	1	PLATE-MTG,DISPLAY TOWER
2	0180020	4	SCREW-HEX,0.25NCX0.75,GR5,PD
3	0120380	4	WASHER-LOCK,0.25,SPRING,PD
4	0120386	4	WASHER-FLAT,0.25A(0.31X0.73)PD
5	6100864	6	NUT HEX WELD 1/4 NC CSUNK
6	6705020	1	CABLE-DOWNLOAD,M12 TO USB
7	6704692	1	ETHERNET CONNECTOR-FLANGE MNT

Joystick Options



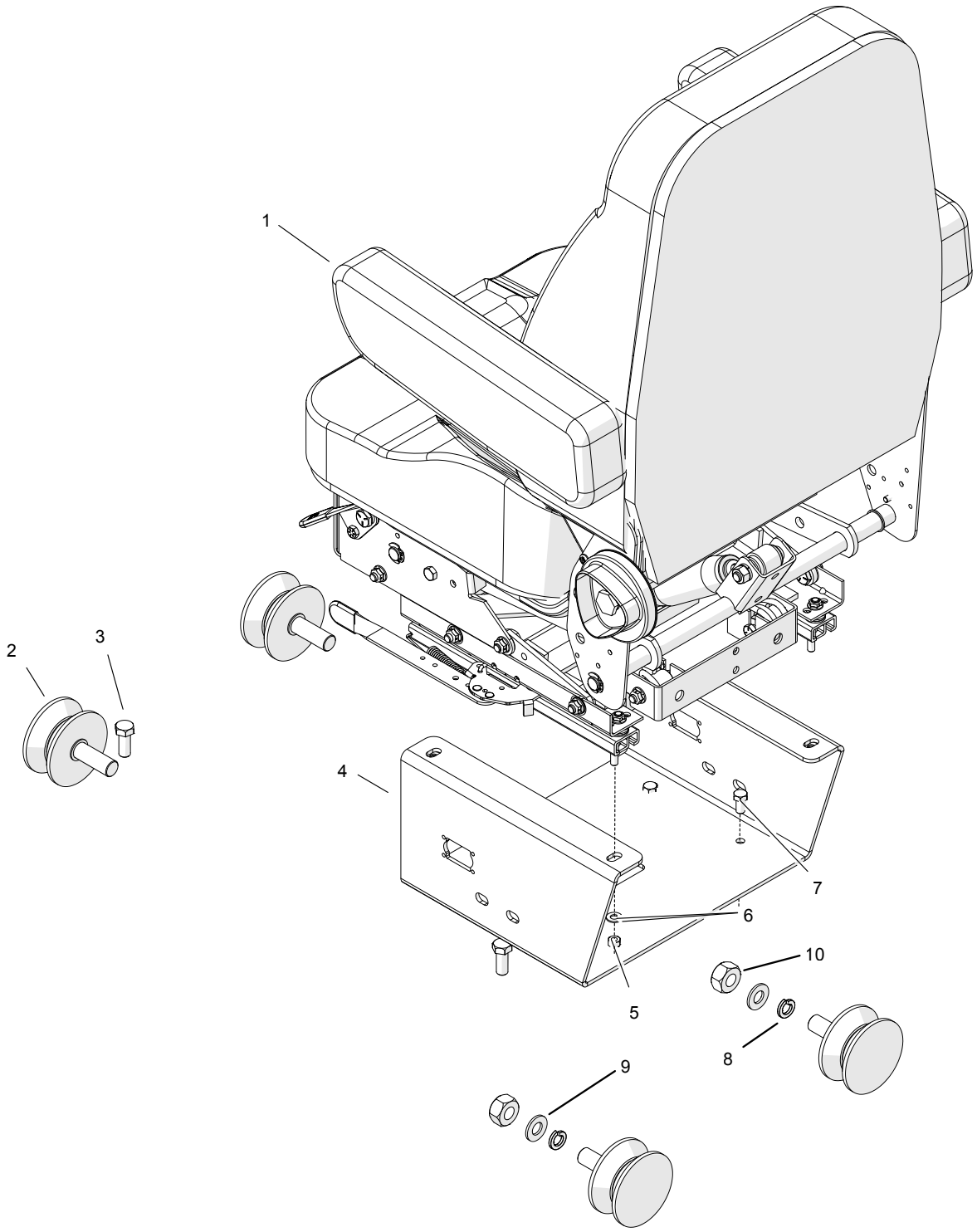
Option 1 - Side Location



Option 2 - Armrest Location

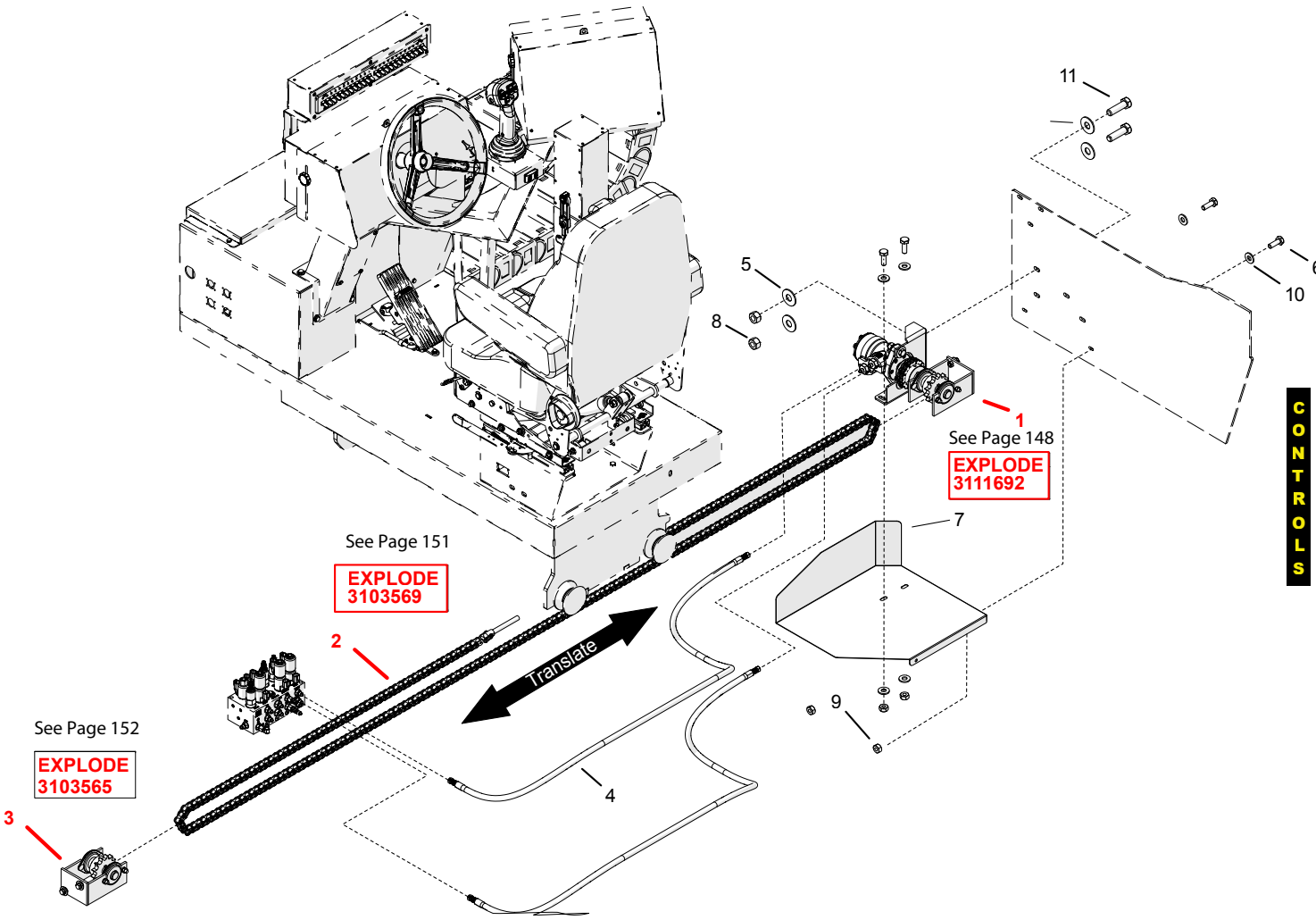
REF	PART NO.	QTY	DESCRIPTION
1	6705460	1	JOYSTICK-CHIP,CAN,MULTIFUNCT
2	10005558	1	PLT-FRMD,SIDE,JOYSTICK MOUNT
3	10003859	1	SWITCH,ROCKER,SEAT L/R
4	0180120	3	SCREW-HEX,0.38NCX0.75,GR5,PD
5	0120377	3	NUT-HEX,0.38NC,PD
6	********	1	JOYSTICK COVER
7	*********	1	JOYSTICK BASE

Seat Assembly & Platform



REF	PART NO.	QTY	DESCRIPTION
1	6001423	1	SEAT-MECHANICAL SUSPENSION
2	6435459	4	ROLLER-V GROOVED LOAD RUNNER
3	0180175	4	SCREW-HEX,0.50NCX1.25,GR5,PD
4	3102406	1	PLATE-FORMED,SEAT MOUNT
5	9411638	4	NUT-HEX,LOCK,0.31NC,EA,PD
6	0446363	4	WASHER-FLAT,0.31A(0.38X0.88)PD
7	0180120	4	SCREW-HEX,0.38NCX0.75,GR5,PD
8	0131046	4	WASHER-LOCK, 0.75", SPRING, PD
9	0131000	8	WASHER-FLAT,0.31A(0.38X0.88)PD
10	9429292	4	NUT/HEX-PLAIN THICK 3/4-16 GR8

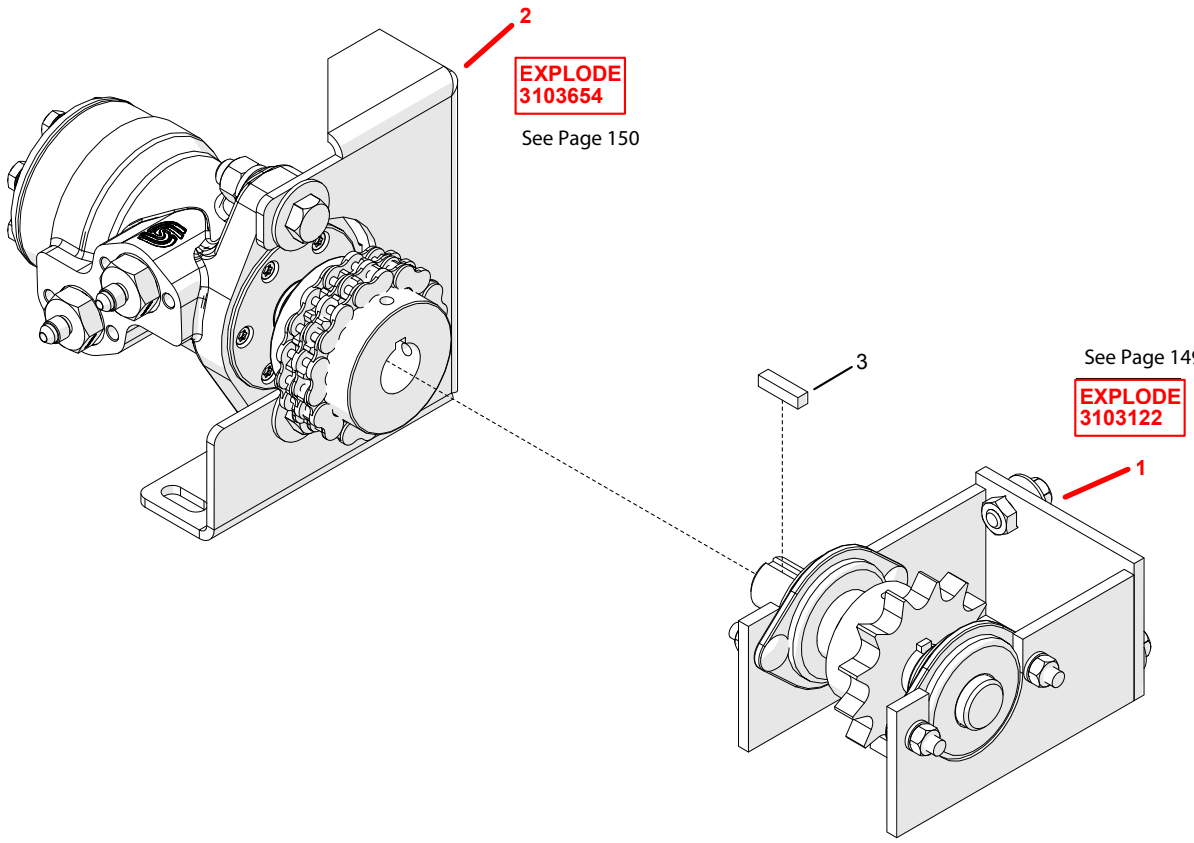
Power Seat Install



REF	PART NO	QTY	DESCRIPTION
1	3111692	1	MOTOR & DRIVE-SUB ASM
2	3103569	1	ROLLER CHAIN ASSY-PWR SEAT
3	3103565	1	BRACKET ASSY-IDLER SPROCKET
4	3181962	2	HOSE ASM-04X94,04FJX-04FJX
5	0120388	4	WASHER-FLAT, SAE STD, 0.375
6	0180020	4	SCREW-HEX,0.25NCX0.75,GR5,PD
7	3103570	1	COVER-PWR SEAT MOTOR, 11CHIP
8	0120377	2	NUT-HEX,0.38NC,PD
9	0120375	4	NUT-HEX, 0.25NC,PD
10	0120386	6	WASHER-FLAT,0.25A(0.31x0.73)PD
11	0180124	2	SCREW-HEX,0.38NCx1.25,GR5,PD

Motor & Drive

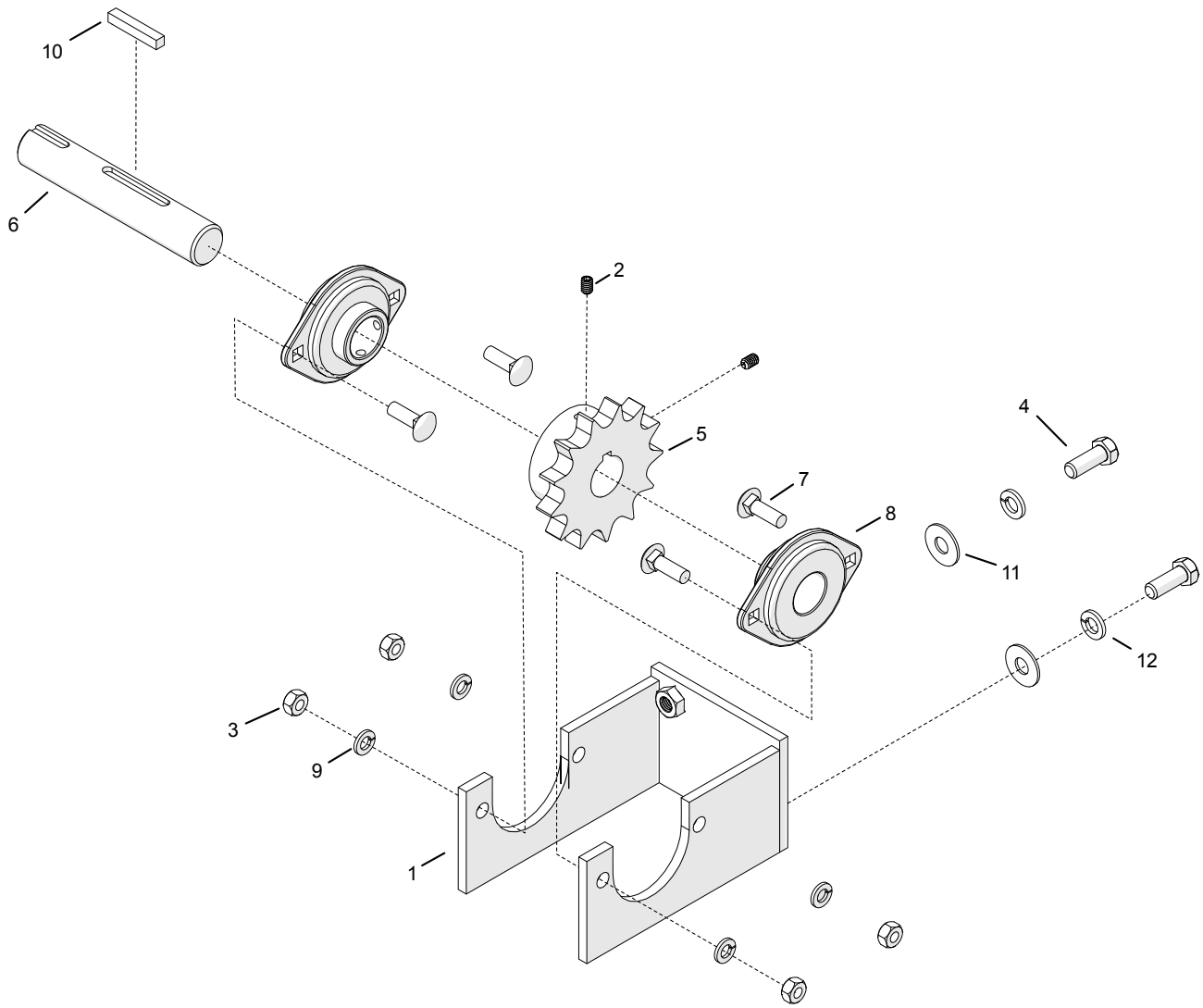
3111692 - From *Power Seat Install*



REF	PART NO	QTY	DESCRIPTION
1	3103122	1	BRACKET ASSY-DRIVE SPROCKET
2	3103654	1	MOTOR MT ASSY-PWR SEAT
3	2640726	1	KEYSTOCK1/4X1/4X1LG

Drive Sprocket Bracket Asm

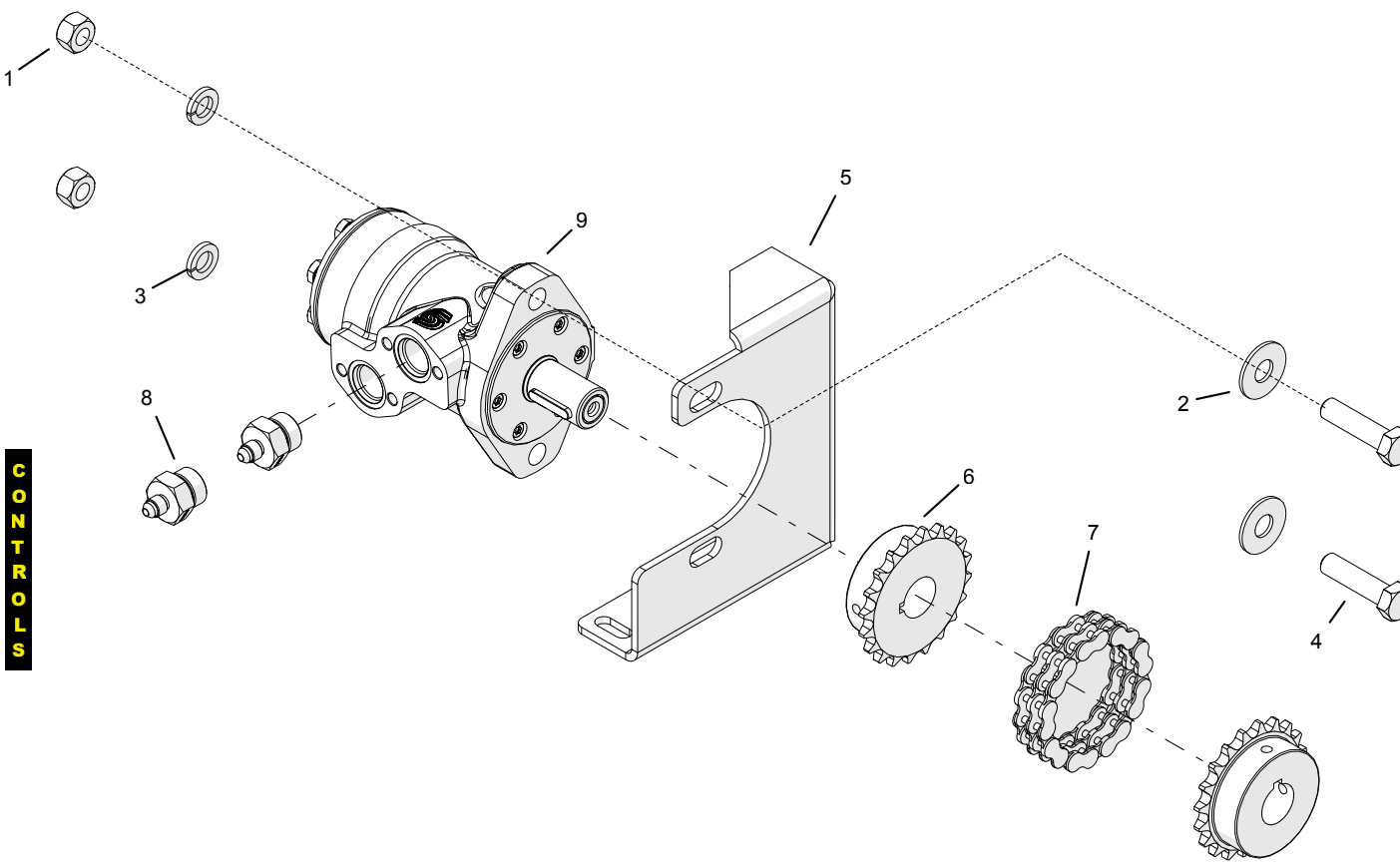
3103122 - From *Motor & Drive 3111692*



REF	PART NO	QTY	DESCRIPTION
1	3102546	1	DRIVE SHAFT SUPPORT ASM,SEAT
2	0102570	2	SCREW-SOCK,0.25NCX0.38,CUP,PN
3	0120376	4	NUT-HEX,0.31NC,PD
4	0180122	2	SCREW-HEX,0.38NCX1.00,GR5,PD
5	3102476	1	SPROCKET-RC60,13T,1"BORE
6	3103123	1	DRIVE SHAFT-POWER SEAT, 11CHIP
7	6100277	4	SCREW-RDSQNKBLT,0.31NCX1,GR5PN
8	6420106	2	FLANGE BRG-BALL,2 BLT,1.00STMP
9	0120214	4	WASHER-LOCK,0.31,SPRING,PD
10	3100163	1	KEY-0.25X0.25 CRX1.50
11	0120388	2	WASHER-FLAT,SAE,STD,0.375
12	0120382	2	WASHER-LOCK,0.38,SPRING,PD

Power Seat Motor Mount Asm

3103654 - From *Motor & Drive 3111692*

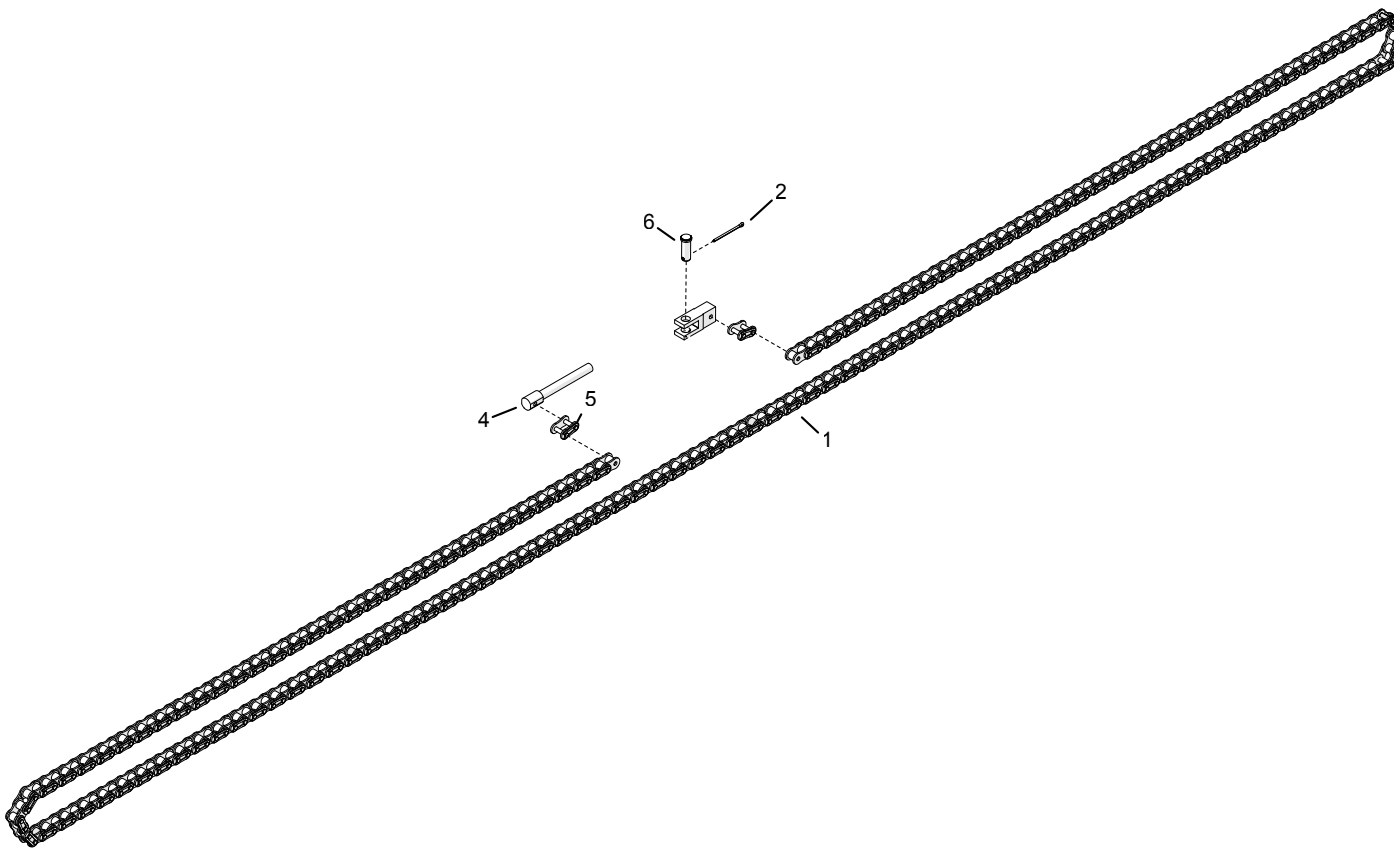


CONTROLS

REF	PART NO	QTY	DESCRIPTION
1	0120378	2	NUT-HEX,0.50NC,PD
2	0120390	2	WASHER-FLAT,0.50A,W.PD
3	0120384	2	WASHER-LOCK,0.50,SPRING,PD
4	0180181	2	SCREW-HEX,0.50NCX2.00,GR5,PD
5	3102544	1	BASE PLATE,MOTOR-MTG CHIP SEAT
6	3102068	2	SPROCKET-RC40,20T,1"BORE
7	3320616	1	CHAIN-1/2X5/16,DBL STRAND,19LK
8	6602860	2	ADAPTER-HYDR,ST,10MB-04MJ
9	6604222	1	MOTOR-HYD,LSHT,7.65CIR,OMP

Roller Chain Assembly

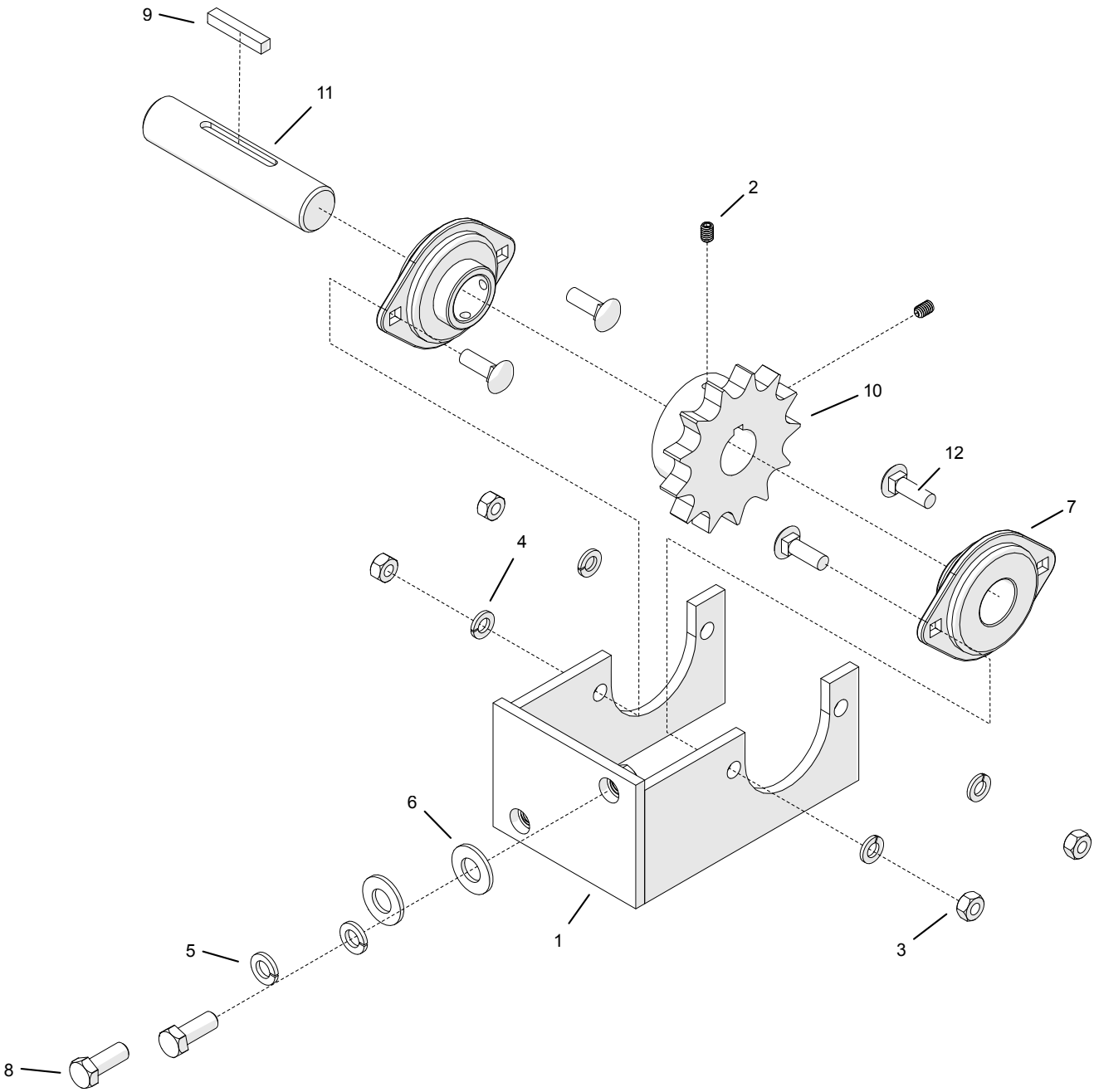
3103569 - From *Power Seat Install*



REF	PART NO	QTY	DESCRIPTION
1	6430222	1	YD,LSHT,7.65CIR,OMP
2	0103389	1	PIN-COTTER,0.12X2.00,PD
3	3103567	1	END-ROLLER CHAIN,RC60
4	3103568	1	ROD-TAKEUP,POWER SEAT CHAIN
5	6430013	2	LINK-CONNECTING,RC-60
6	6001746	1	PIN-CLEVIS,1/2"X1-1/8"THROAT

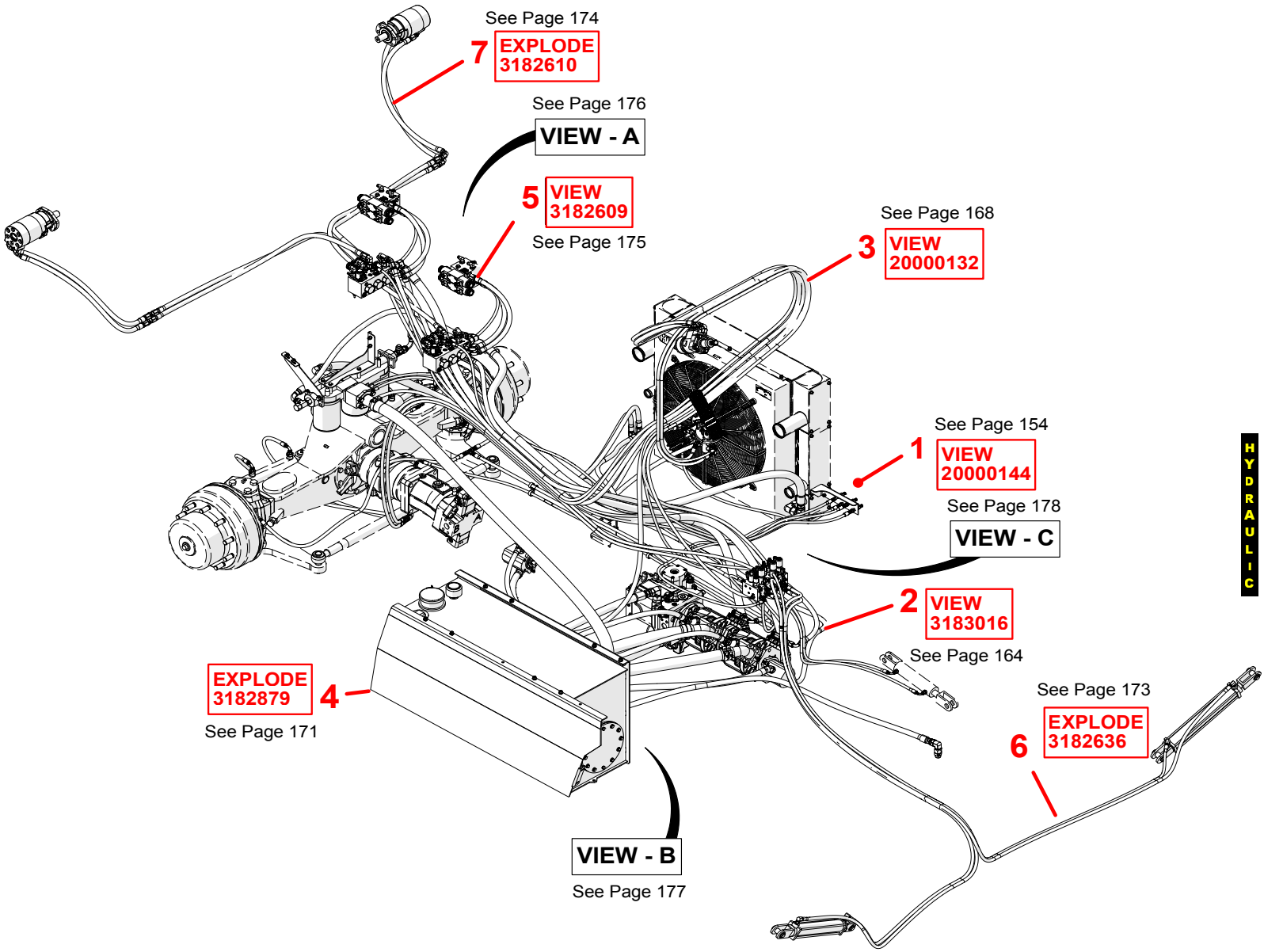
Bracket Asm - Idler Sprocket

3103565 - From *Power Seat Install*



REF	PART NO	QTY	DESCRIPTION
1	3102546	1	DRIVE SHAFT SUPPORT ASM, SEAT
2	0102570	2	SCREW-SOCK,0.25NCX0.38,CUP,PN
3	0120376	2	NUT-HEX,0.31NC,PD
4	0120214	2	WASHER-LOCK,0.31,SPRING,PD
5	0120382	2	WASHER-LOCK,0.38,SPRING,PD
6	0120396	2	WASHER-FLAT,0.50,.531X1.062,PD
7	6420106	2	FLANGE BRG-BALL,2 BLT,1.00STMP
8	0180122	2	SCREW-HEX,0.38NCX1.00,GR5,PD
9	3100163	1	KEY-0.25X0.25 CRX1.50
10	3102476	1	SPROCKET-RC60,13T,1"BORE
11	3103566	1	IDLER SHAFT-POWER SEAT,11CHIP
12	6100277	2	SCREW-RDSQNKBLT,0.31NCX1,GR5PN

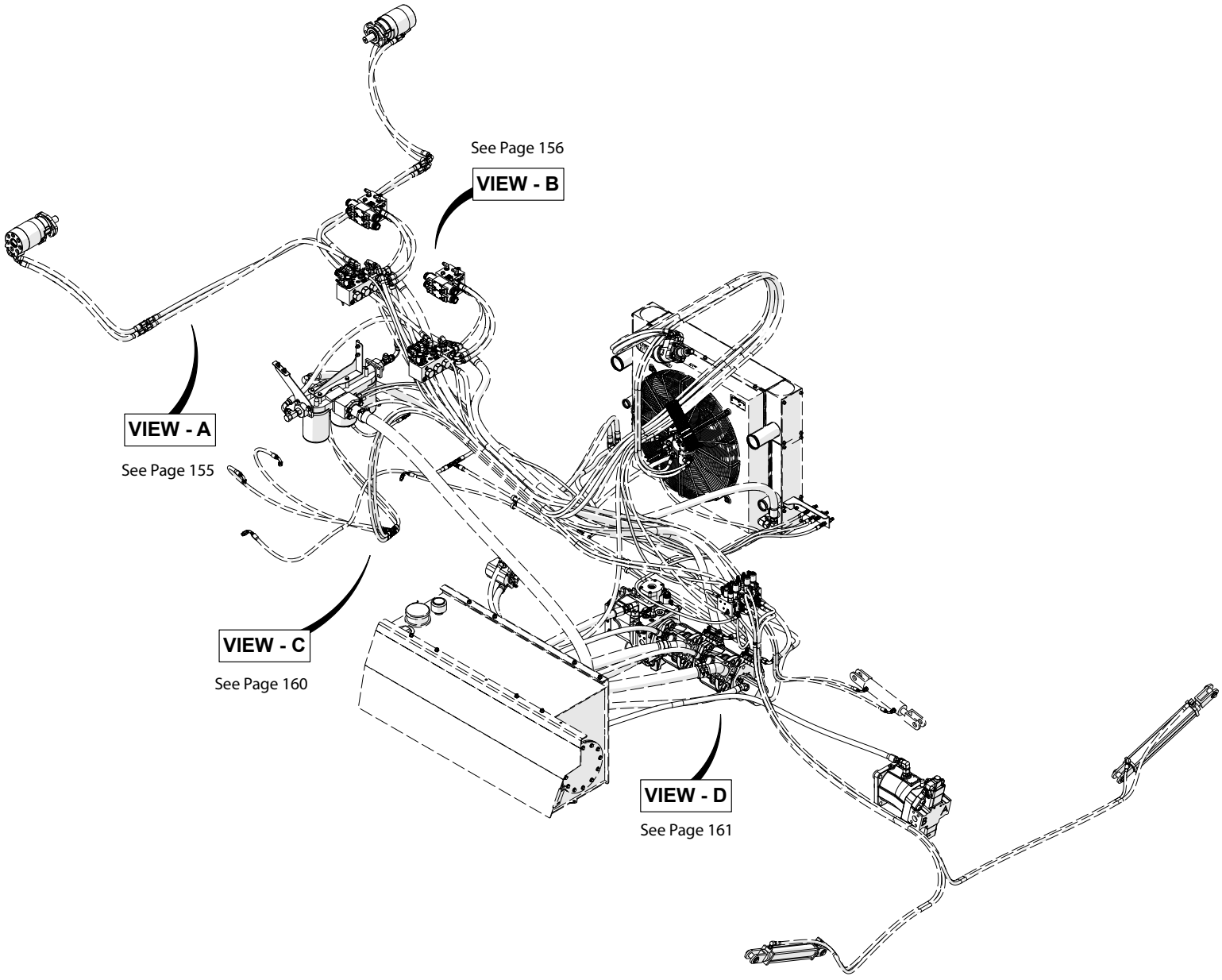
Hydraulic Asm



REF	PART NO.	QTY	DESCRIPTION
1	20000144	1	AUX HYD-V/H,OPEN STEERING
2	3183016	1	HOSE KIT-HYD,V/H,STATION 20
3	20000132	1	HOSE KIT-HYD,CHIP,STATION 10
4	3182879	1	HYD TANK & SUCTION INST,2019
5	3182609	1	HOSE KIT-HYD,V/H,STATION 60
6	3182636	1	HOSE KIT-HYD,CHIP,STATION 60
7	3182610	1	HOSE KIT-STATION 30,2017 CHIP

Aux Hyd-V/H, Open Steering

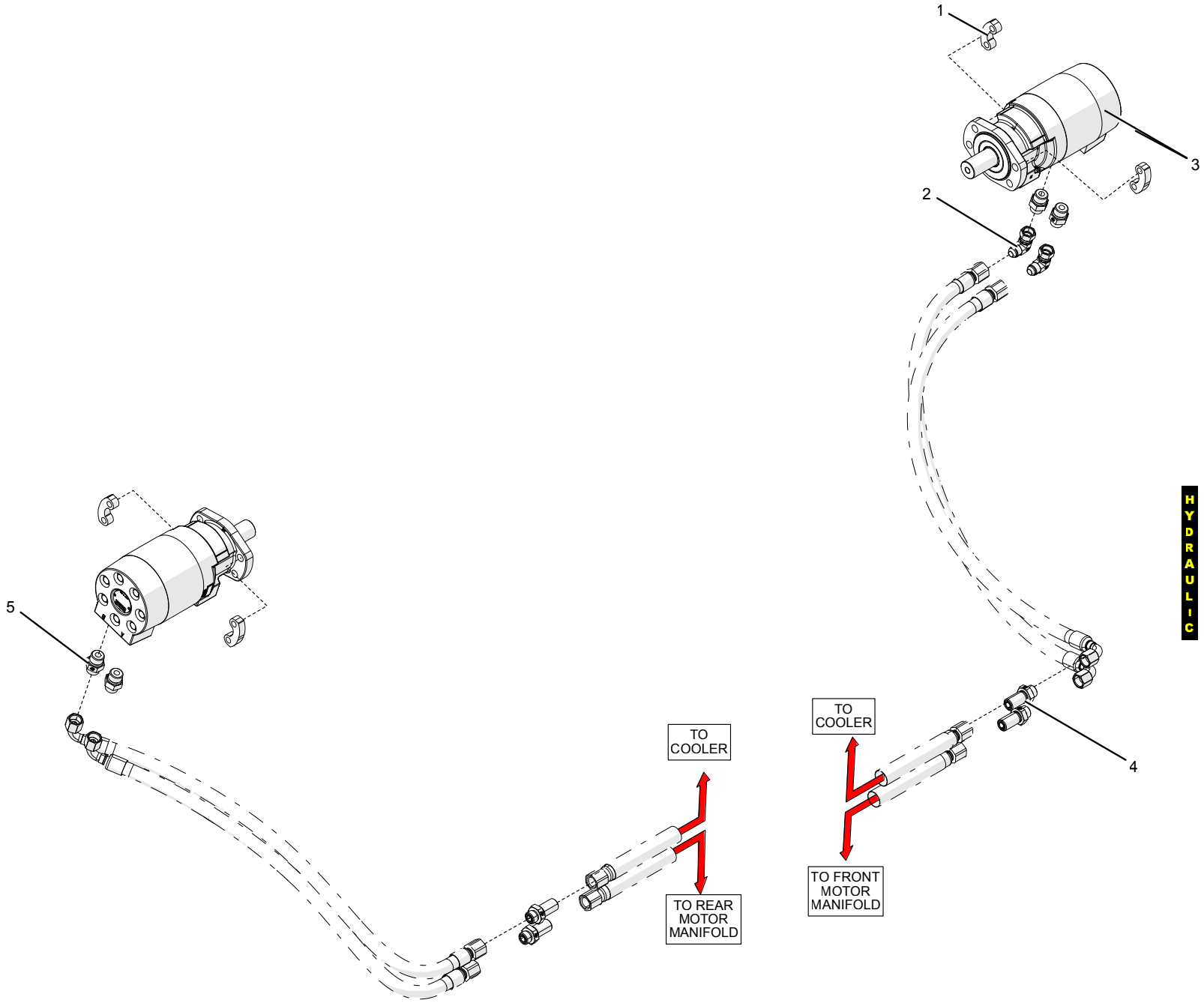
20000144



HYDRAULIC

Aux Hyd-V/H, Open Steering

VIEW A - From *20000144*

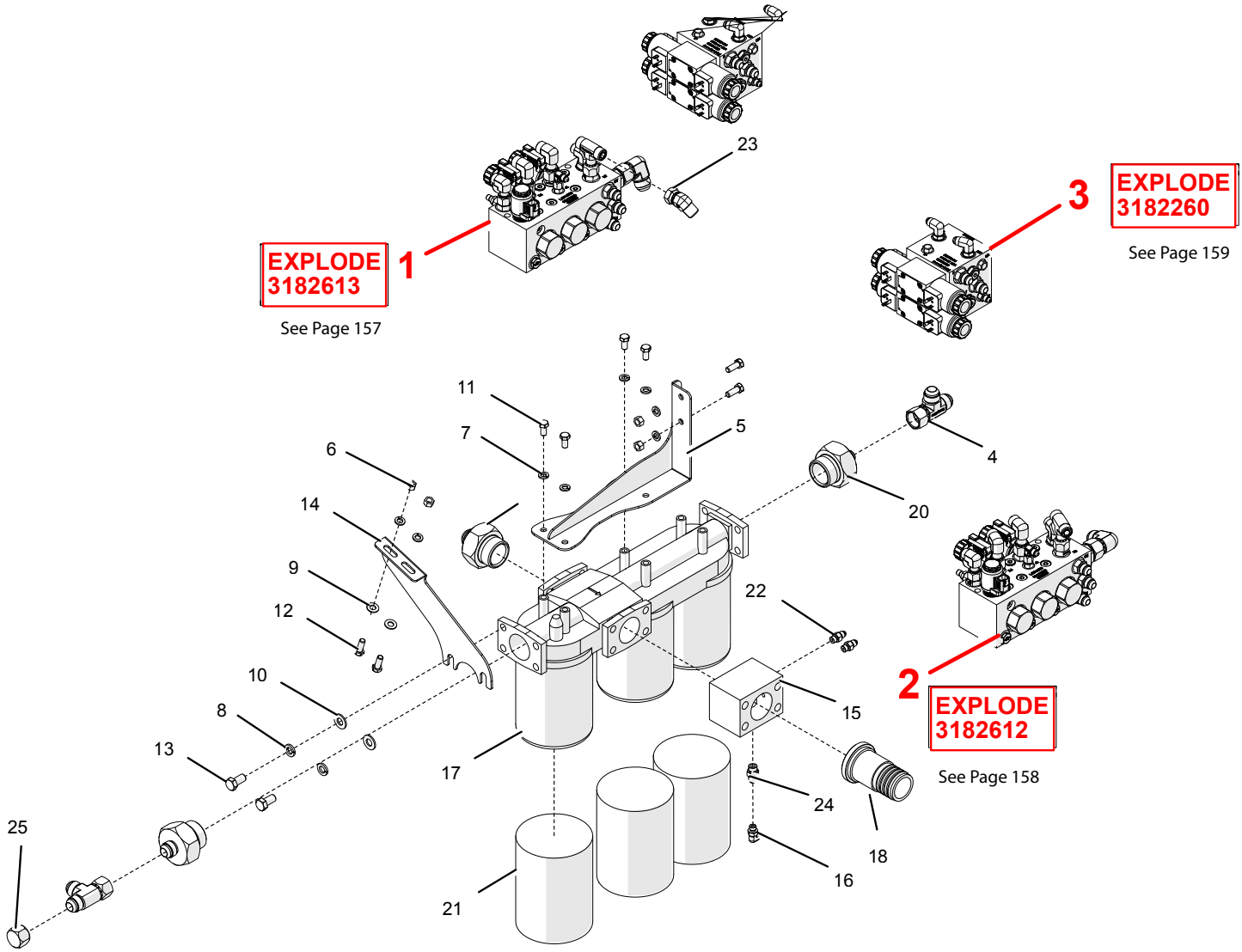


HYDRAULIC

REF	PART NO	QTY	DESCRIPTION
1	3103452	4	FASTENER-SAUER MOTOR
2	9410281	2	ELBOW-HYDR, 90, 08FJX-08MJ
3	6604561	2	MOTOR-HYD,LSHT,18.9CIR
4	6604783	4	ADAPTER-HYDR,BHD,08MFS-08MFS
5	6604815	4	ADAPTER-HYDR,ST,08MFS-10MB

Aux Hyd-V/H, Open Steering

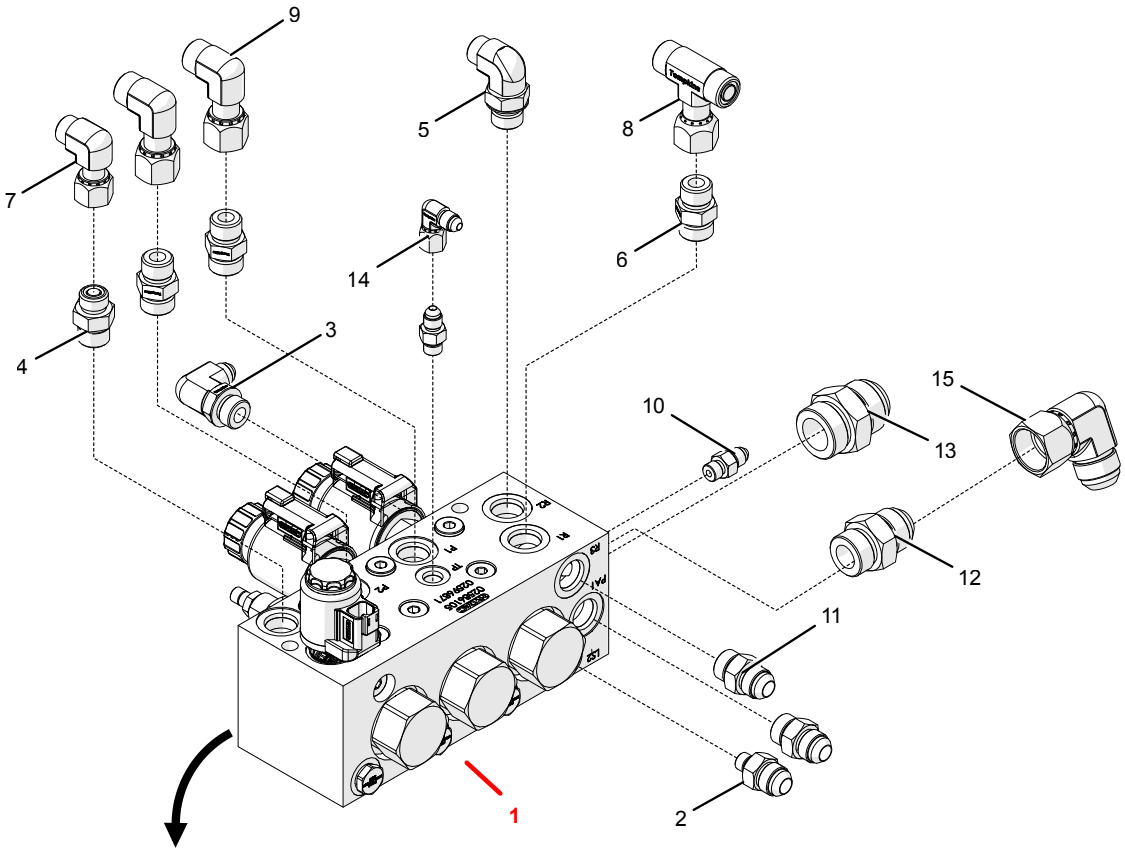
VIEW B - From *20000144*

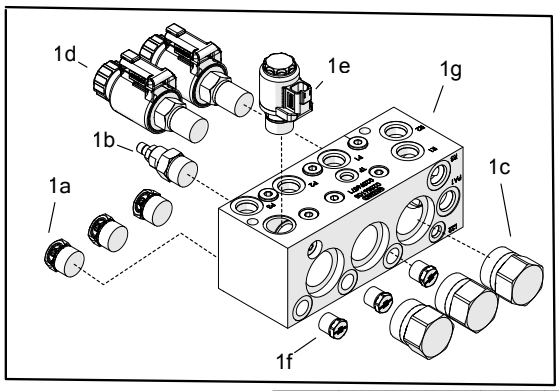


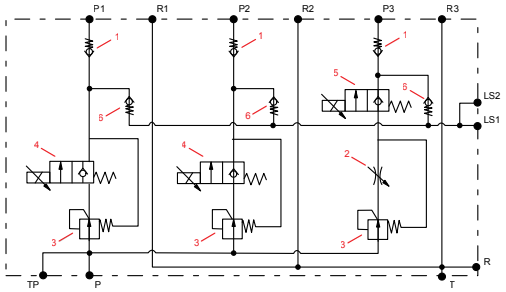
REF	PART NO	QTY	DESCRIPTION
1	3182613	1	MANIFOLD ASM-CONV/AUG/SPR,LH
2	3182612	1	MANIFOLD ASM-CONV/AUG/SPR,RH
3	3182260	2	MANIFOLD ASSY-CYL,2011,RH
4	9410335	2	TEE-HYDR,12MJ-12FJX-12MJ
5	3103427	1	BRACKET-FILTER, FIXED
6	0120377	4	NUT-HEX,0.38NC,PD
7	0120382	8	WASHER-LOCK,0.38,SPRING,PD
8	0120384	2	WASHER-LOCK,0.50,SPRING,PD
9	0120388	2	WASHER-FLAT,SAE,STD,0.375
10	0120396	2	WASHER-FLAT,0.50,.531X1.062.PD
11	0180120	4	SCREW-HEX,0.38NCX0.75,GR5,PD
12	0180122	4	SCREW-HEX,0.38NCX1.00,GR5,PD
13	0180173	2	SCREW-HEX,0.50NCX1.00,GR5,PD
14	3103661	1	BRACKET-SIDE,FILTER MOUNT
15	3182181	1	MANIFOLD-TEE,RETURN HEADER
16	6603039	1	ELBOW-HYDR,90,04MB-04MJ
17	6604235	1	FILTER HEAD-3 ELEMENT WIND
18	6604239	1	ADAPTER-HYD,32BARB-32FL
19	6604315	1	ADAPTER-HYDR,24MP-16MJ
20	6604316	2	ADAPTER-HYDR, 24MP-12MJ
21	7420244	3	ELEMENT-HYD FILTER
22	9410200	2	ADAPTER-HYDR,ST,4MB-4MJ
23	9410255	1	ELBOW-HYDR,45,08FJX-08MJ
24	9410202	1	ADAPTER-HYDR,ST,06MB-06MJ
25	9403374	1	CAP-HYDRAULIC 37 DEG FL,0.75

Manifold Asm-Conv/Aug/Spr, LH

3182613 - From *20000144, VIEW B*



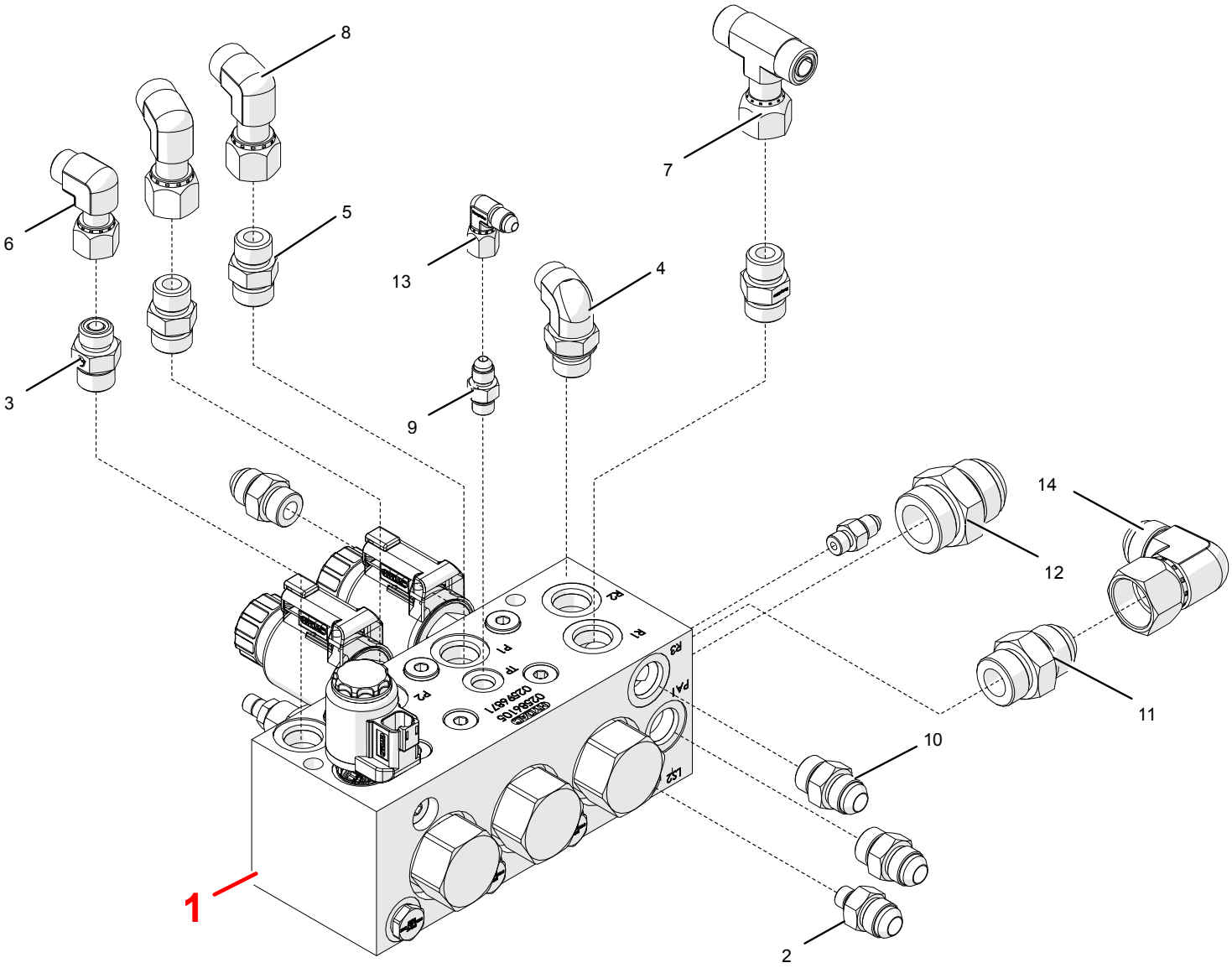




REF	PART NO.	QTY	DESCRIPTION
1	3182085	1	MANIFOLD-HYD MTRS,2PROP/1STD
1a	→7050263	3	VALVE-CART,CHECK
1b	→7050373	1	VALVE-CART,FLOW CONTROL
1c	→7050909	3	VALVE-CART,COMPENSATOR
1d	→7050910	2	VALVE-CART,PROP,CONV/AUG
1d_1	→7050911	2	COIL-REPLACEMENT FOR 7050910
1e	→7050912	1	VALVE-CART,SOL,SPRL,2POS-2WAY
1e_1	→7050913	1	COIL-REPLACEMENT FOR 7050912
1f	→7050914	3	VALVE-CART,CHECK
1g	→7050915	1	MANIFOLD BLOCK-STEEL,3182085
2	6603038	1	ADAPTER-HYDR,ST,04MB-08MJ
3	6604263	1	ELBOW-HYDR,90,08MB-06MJ
4	6604654	1	ADAPTER-HYDR,ST,08MB-06MORFS
5	6604656	1	ELBOW-HYDR,90,08MB-06MORFS
6	6604658	3	ADAPTER-HYDR,ST,08MB-08MORFS
7	6604659	1	ELBOW-HYDR,90,06MORFS-06FORFSX
8	6604663	1	TEE,08MORFS-08MORFS-08FORFSX
9	6604664	2	ELBOW-HYDR,90,08MORFS-08FORFSX
10	9410200	2	ADAPTER-HYDR,ST,4MB-4MJ
11	9410203	2	ADAPTER-HYDR,ST,08MB-08MJ
12	9410205	1	ADAPTER-HYDR,ST,12MB-12MJ
13	9410207	1	ADAPTER-HYDR,ST,16MB-16MJ
14	9410278	1	ELBOW-HYDR,90,04FJX-04MJ
15	9410283	1	ELBOW-HYDR,90,12FJX-12MJ

Manifold Asm-Conv/Aug/Spr, RH

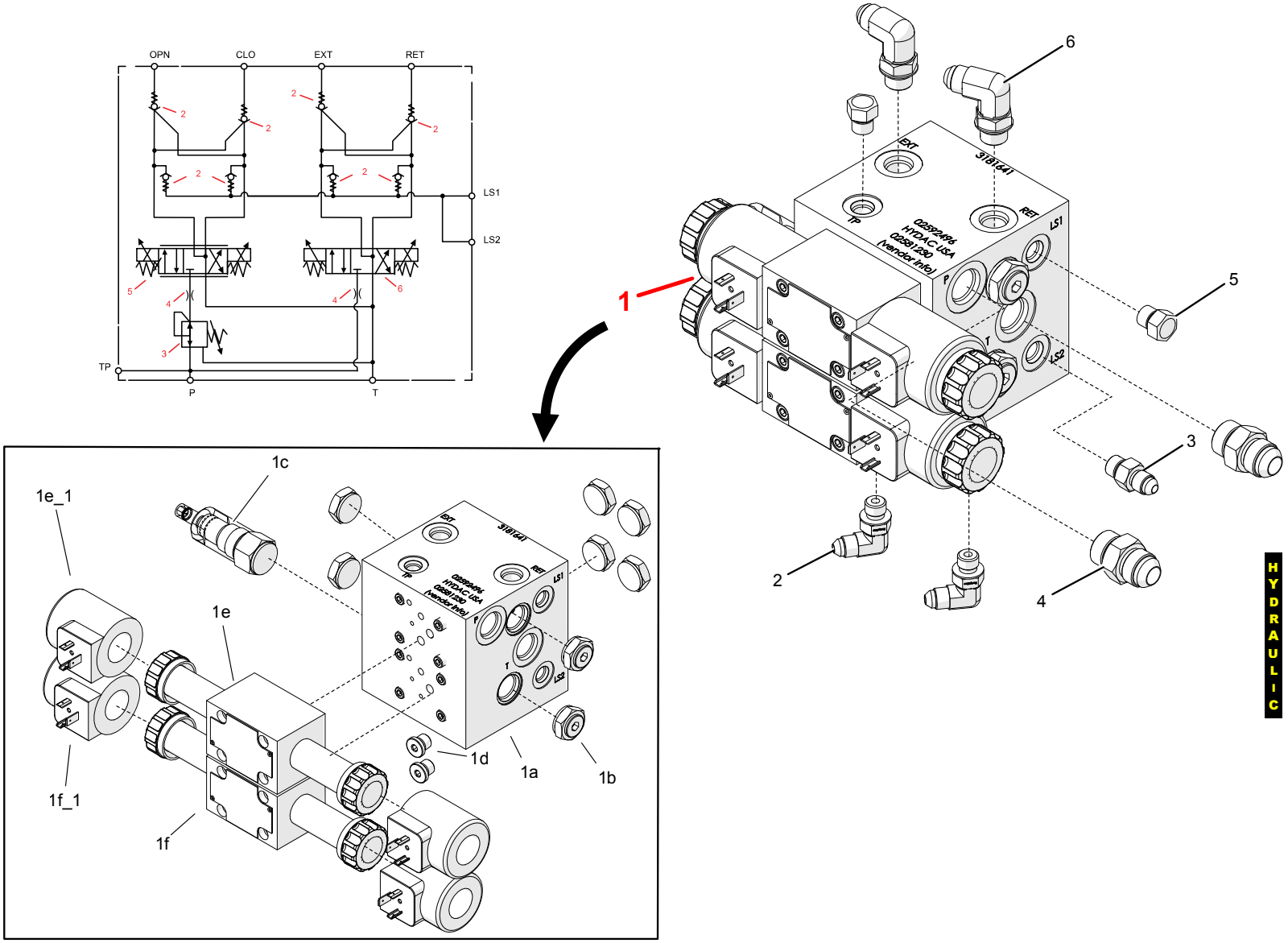
3182612 - From *20000144, VIEW B*



REF	PART NO	QTY	DESCRIPTION
1	3182085	1	MANIFOLD-HYD MTRS,2PROP/1STD
2	6603038	1	ADAPTER-HYDR,ST,04MB-08MJ
3	6604654	1	ADAPTER-HYDR,ST,08MB-06MORFS
4	6604656	1	ELBOW-HYDR,90,08MB-06MORFS
5	6604658	3	ADAPTER-HYDR,ST,08MB-08MORFS
6	6604659	1	ELBOW-HYDR,90,06MORFS-06FORFSX
7	6604663	1	TEE,08MORFS-08MORFS-08FORFSX
8	6604664	2	ELBOW-HYDR,90,08MORFS-08FORFSX
9	9410200	2	ADAPTER-HYDR,ST,4MB-4MJ
10	9410203	3	ADAPTER-HYDR,ST,08MB-08MJ
11	9410205	1	ADAPTER-HYDR,ST,12MB-12MJ
12	9410207	1	ADAPTER-HYDR,ST,16MB-16MJ
13	9410278	1	ELBOW-HYDR,90,04FJX-04MJ
14	9410283	1	ELBOW-HYDR,90,12FJX-12MJ

Manifold Asm-Cyl, RH

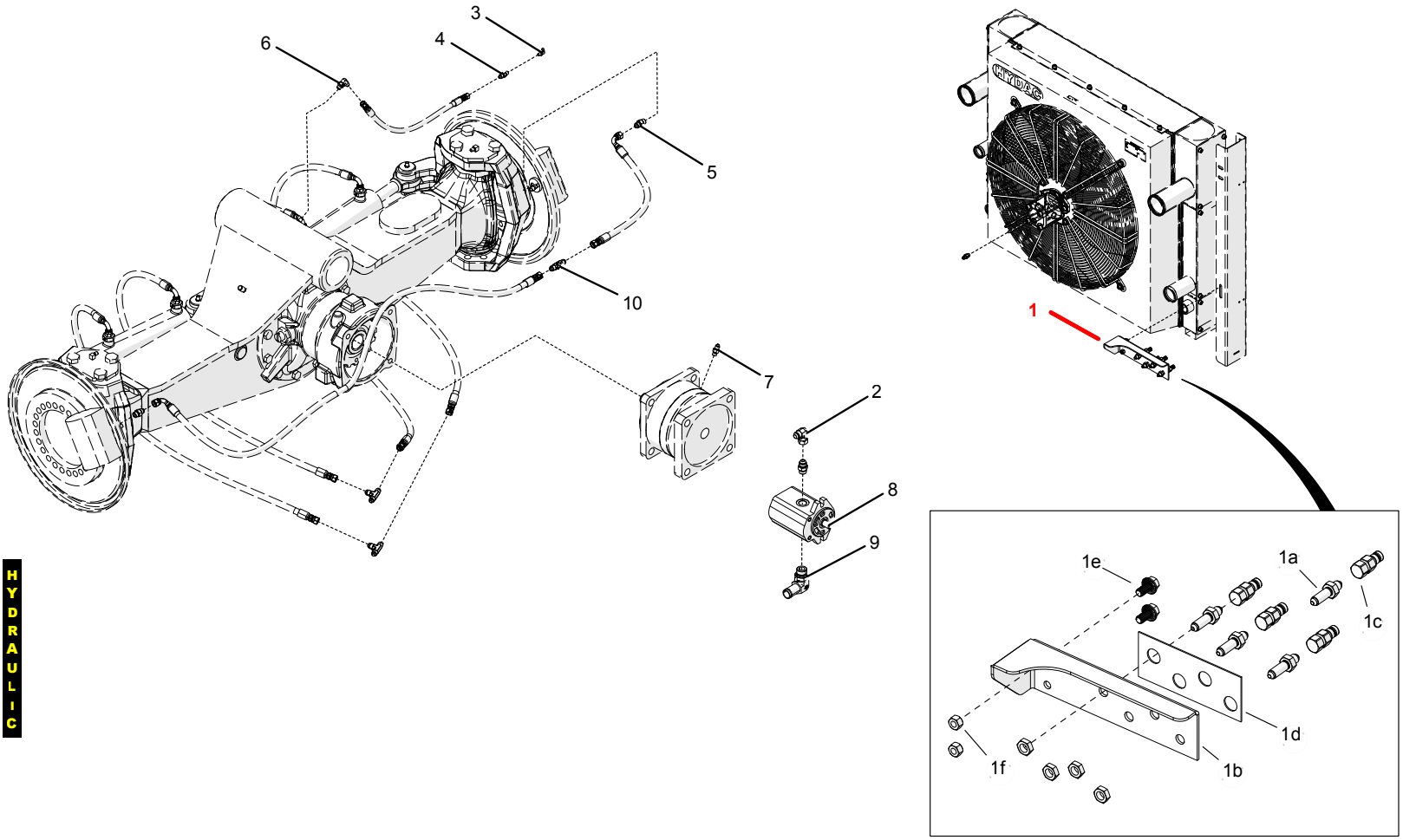
3182260 - From *20000144, VIEW B*



REF	PART NO	QTY	DESCRIPTION
1	3181641	1	MANIFOLD-V/H, CYLINDERS, STEEL
1a	→7050369	1	MANIFOLD BLOCK,STEEL
1b	→7050367	8	VALVE-CART-L.S. CHECK, 15PSI
1c	→7050264	2	VALVE-CART,ADJUSTABLE RELIEF
1d	→7050269	2	ORIFICE PLUG-0.07"
1e	→6603343	1	VALVE-PROP,3WAY/4POS,D03
1e_1	→7050154	2	COIL-REPLACEMENT FOR 6603343
1f	→6603344	1	VALVE-SOL,3WAY/4POS, D03
1f_1	→7050375	2	COIL-REPLACEMENT FOR 6603344
2	6603039	2	ELBOW-HYDR,90,04MB-04MJ
3	9410200	1	ADAPTER-HYDR,ST,4MB-4MJ
4	9410203	2	ADAPTER-HYDR,ST,08MB-08MJ
5	9410356	2	PLUG-HYDR,4MB
6	9410976	2	ELBOW-HYDR,90,06MB-06MJ

Aux Hyd-V/H, Open Steering

VIEW C - From *20000144*



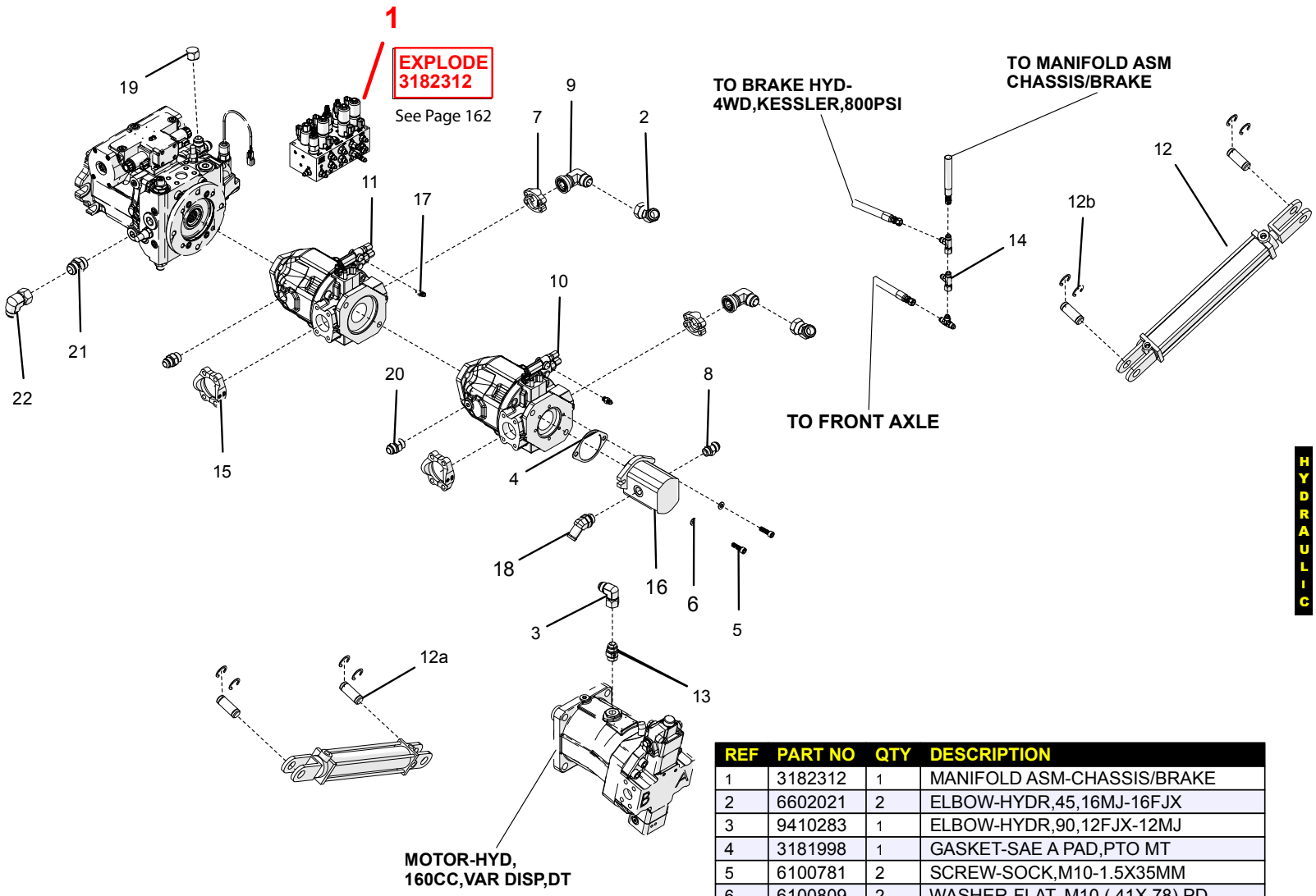
HYDRAULIC

REF	PART NO.	QTY	DESCRIPTION
1	6400661	1	BRACKET-HYD TEST PORT
1a	→6602116	4	ADAPTER-HYD,ST,BHD,04MJ-04MJ
1b	→3182776	1	PLATE-HYD. TEST PORT BRACKET
1c	→6604635	4	NIPPLE,04FJX-4PD
1d	→3182528	1	HITCH & MOTOR BLOCKS DECAL
1e	→6100880-02	2	BOLT-WIZ, 0.375"UNC X 0.75", GR5 PD
1f	→0120377	2	NUT-HEX, 0.38"NC, PD
2	9410281	1	ELBOW-HYDR,90,08FJX-08MJ
3	0109462	1	ELBOW-LUBE,90,0.13PTFX0.84,PN

REF	PART NO.	QTY	DESCRIPTION
4	6601142	1	ADAPTER-HYDR,ST,02MP-04MJ
5	9410202	2	ADAPTER-HYDR,ST,06MB-06MJ
6	6603039	1	ELBOW-HYDR,90,04MB-04MJ
7	9410200	2	ADAPTER-HYDR,ST,4MB-4MJ
8	6605026	1	PUMP-1.2, LH,SAE-A 11T,RR PORT
9	6605136	1	ADAPTER-HYDRA,90,12MB-16BARB
10	9402981	3	TEE-HYDR,06MJ-06MJ-06MJ

Aux Hyd-V/H, Open Steering

VIEW D - From *20000144*

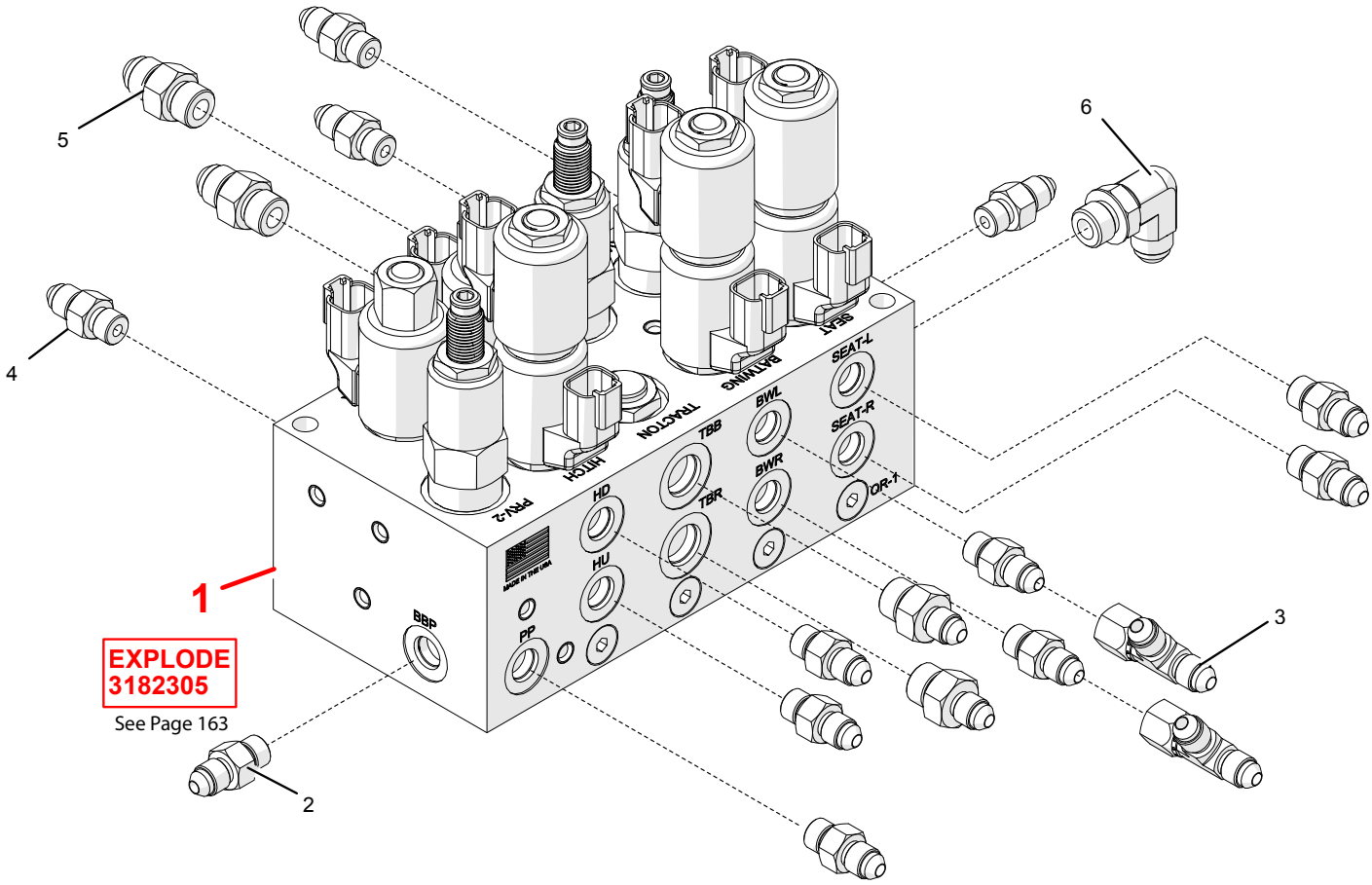


REF	PART NO	QTY	DESCRIPTION
1	3182312	1	MANIFOLD ASM-CHASSIS/BRAKE
2	6602021	2	ELBOW-HYDR,45,16MJ-16FJX
3	9410283	1	ELBOW-HYDR,90,12FJX-12MJ
4	3181998	1	GASKET-SAE A PAD,PTO MT
5	6100781	2	SCREW-SOCK,M10-1.5X35MM
6	6100809	2	WASHER-FLAT, M10 (.41X.78) PD
7	6600236	2	FLANGE KIT-1.00, 4BLT, SPLIT
8	6600910	1	ADAPTER-HYDR,ST,10MB-12MJ
9	6601045	2	ELBOW-HYDR,90,16FL-16MJ
10	6602601	1	PUMP-VAR DISP,4.52CID,AUX A MT
10a	7050089	1	O-RING-130MM I.D X 3MM THICK
10b	7050406	1	COMPENSATOR-6602601/2 PUMP
10c	7050491	1	O-RING, .301"IDX.07"WIDE , 90DUR
10d	7050447	1	SEAL-COMPENSATOR ADJ SCREW
11	6602602	1	PUMP-VAR DISP,4.52CID,AUX C 2B
11a	7050088	1	O-RING-5" I.D X .09" THICK
11b	7050406	1	COMPENSATOR-6602601/2 PUMP
11c	7050491	1	O-RING, .301"IDX.07"WIDE , 90DUR
11d	7050447	1	SEAL-COMPENSATOR ADJ SCREW
12	6602876	2	CYLINDER-HYD 2.0X14.0
12a	6603009	4	PIN-CYLINDER
12b	6603010	8	PIN-HAIR COTTER
13	6605272	1	ADAPTER-HYDR,ST,M27-12MJ
14	6602984	2	TEE-HYDR,06FJX-06MJ-06MJ,RUN
15	6603342	2	SPLIT FLANGE KIT-2-1/2" (-40)
16	6603436	1	PUMP-1.403, RH, SAE-A 9 TOOTH
16a	7050090	1	O-RING-85MM I.D. X 3MM THICK
17	6604109	2	ADAPTER-4MB-4MJ,ORIFICE,SCREEN
18	6602983	1	ADAPTER-HYDR,45,12MB-16BARB,LP
19	9403374	1	CAP-HYDRAULIC 37 DEG FL,0.75
20	9410205	2	ADAPTER-HYDR,ST,12MB-12MJ
21	9410207	1	ADAPTER-HYDR,ST,16MB-16MJ
22	9410285	1	ELBOW-HYDR,90,16FJX-16MJ

HYDRAULIC

Manifold Asm - Chassis/Brake

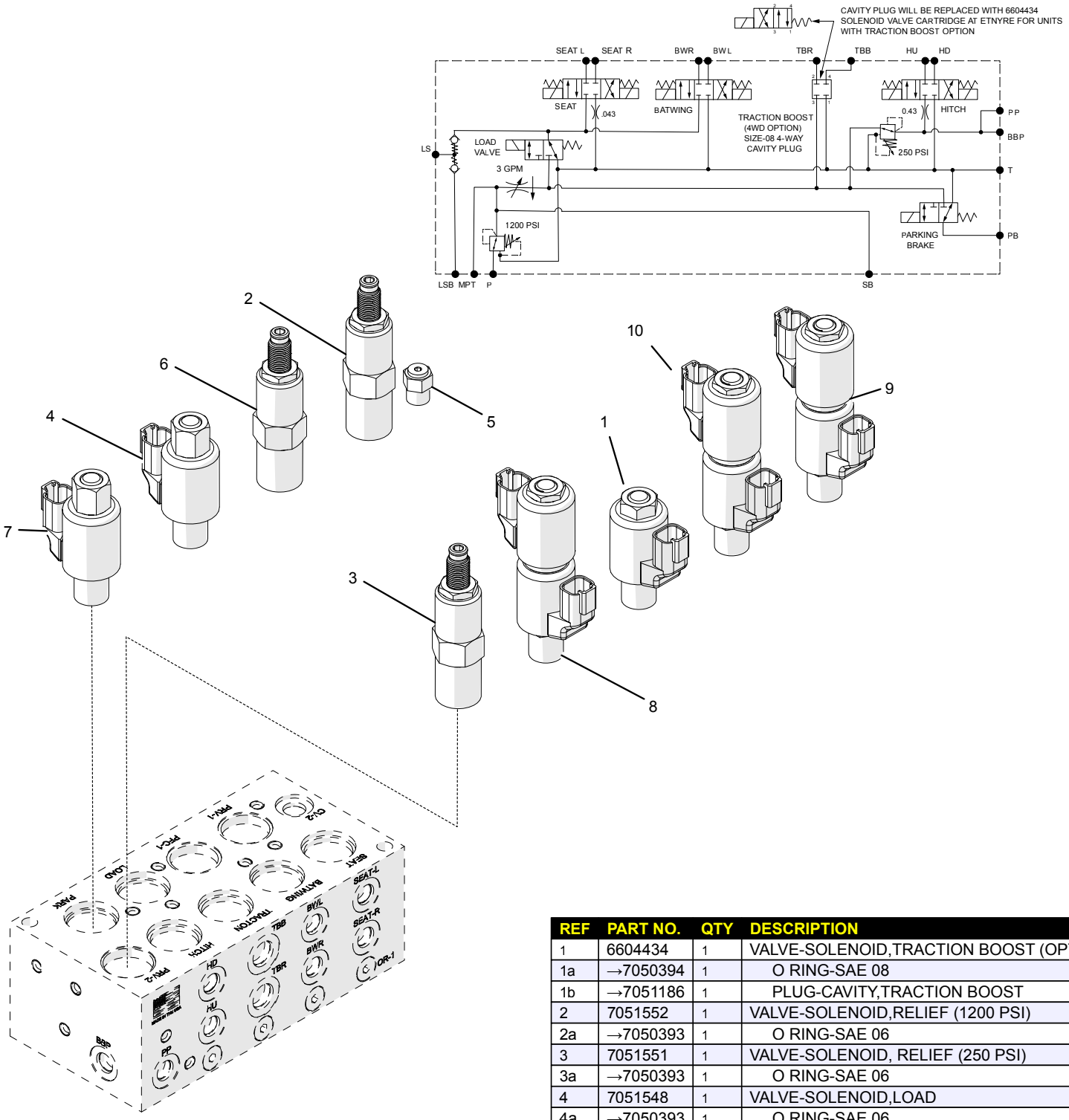
3182312 - From *20000144, VIEW D*



REF	PART NO	QTY	DESCRIPTION
1	3182305	1	MANIFOLD ASM-CHASSIS/BRAKE
2	6602134	2	ADAPTER-HYDR,ST,6MB-4MJ
3	6602140	2	TEE-HYDR,04MJ-04FJX-04MJ
4	9410200	12	ADAPTER-HYDR,ST,4MB-4MJ
5	9410202	2	ADAPTER-HYDR,ST,06MB-06MJ
6	9410976	1	ELBOW-HYDR,90,06MB-06MJ

Manifold Asm - Chassis/Brake

3182305 - From *3182312*

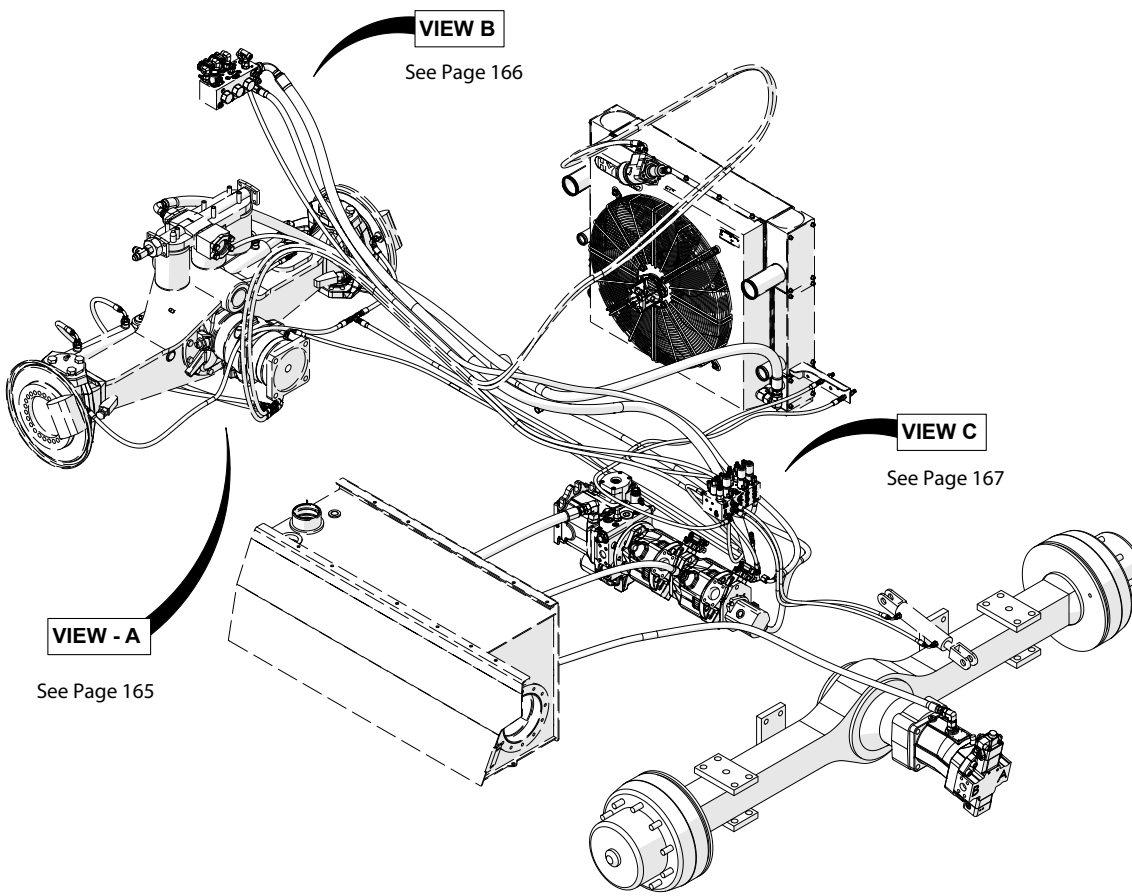


REF	PART NO.	QTY	DESCRIPTION
1	6604434	1	VALVE-SOLENOID,TRACTION BOOST (OPTIONAL)
1a	→7050394	1	O RING-SAE 08
1b	→7051186	1	PLUG-CAVITY,TRACTION BOOST
2	7051552	1	VALVE-SOLENOID,RELIEF (1200 PSI)
2a	→7050393	1	O RING-SAE 06
3	7051551	1	VALVE-SOLENOID, RELIEF (250 PSI)
3a	→7050393	1	O RING-SAE 06
4	7051548	1	VALVE-SOLENOID,LOAD
4a	→7050393	1	O RING-SAE 06
5	7050914	1	VALVE-BALL CHECK (5 PSI)
5a	→7050393	1	O RING-SAE 06
6	7051553	1	VALVE-SOLENOID,PRIORITY FLOW (3GPM)
6a	→7050393	1	O RING-SAE 06
7	7051548	1	VALVE-SOLENOID,PARKING BRAKE
7a	→7050393	1	O RING-SAE 06
8	7051192	1	VALVE-SOLENOID,HITCH HEIGHT
8a	→7050393	1	O RING-SAE 06
9	7051192	1	VALVE-SOLENOID,SEAT POSITION
9a	→7050393	1	O RING-SAE 06
10	7051547	1	VALVE-SOLENOID,BATWING RAISE/LOWER
10a	→7050394	1	O RING-SAE 08

HYDRAULIC

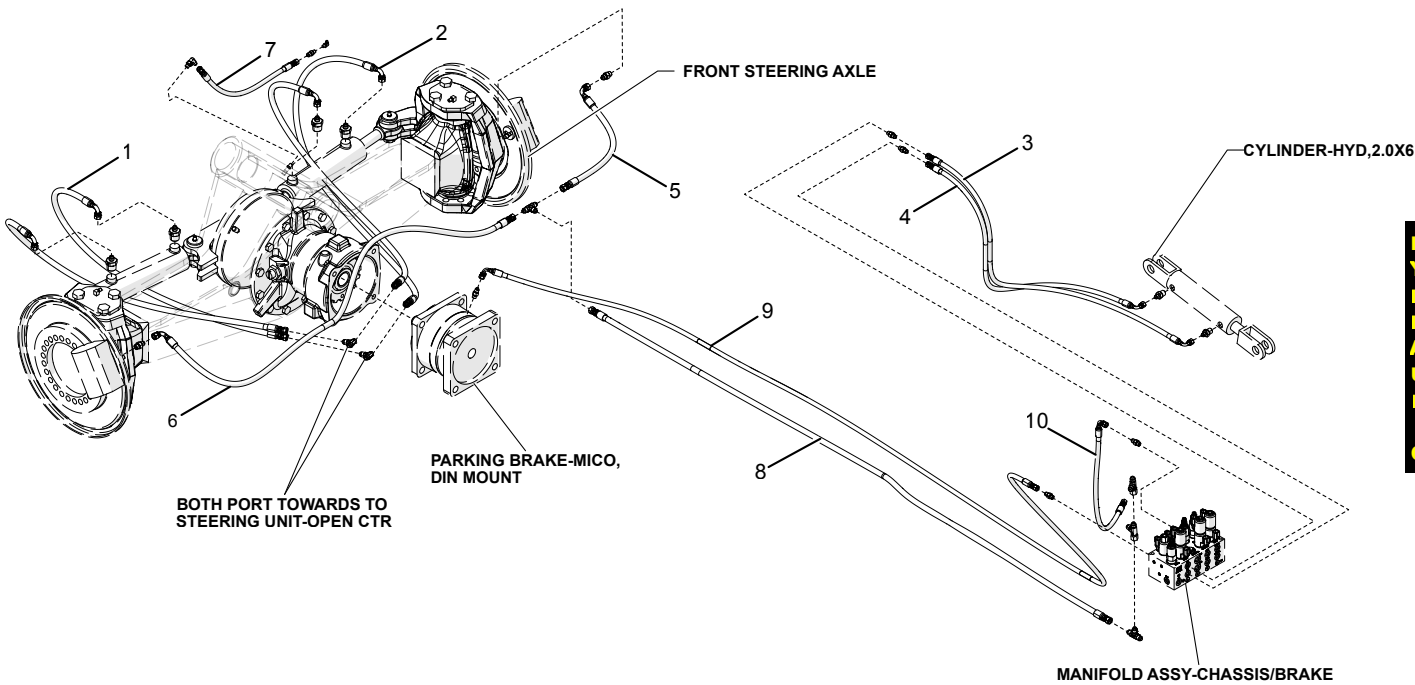
Hydraulic Hose Kit, Station 20

3183016



Hydraulic Hose Kit, Station 20

VIEW A - From *3183016*



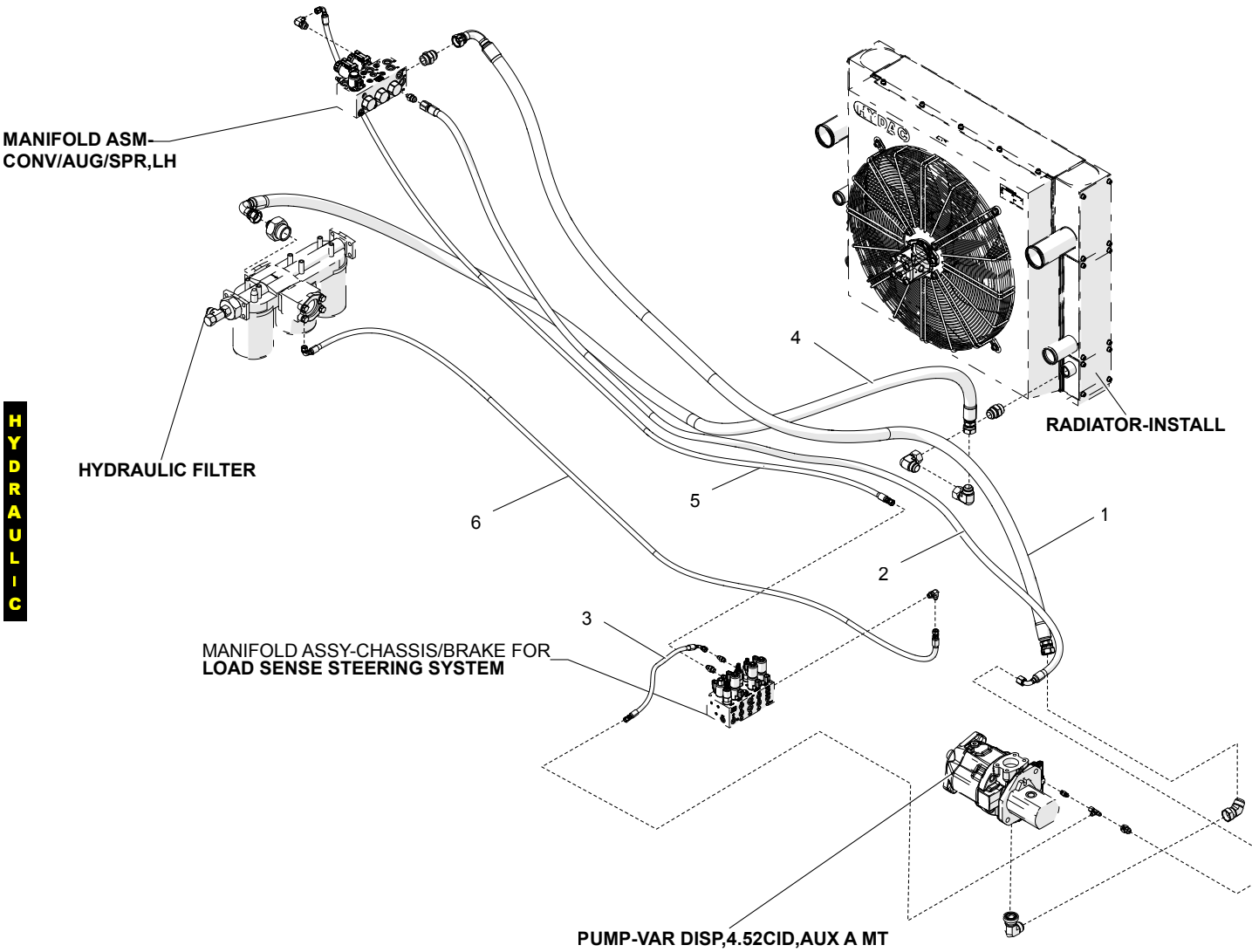
HYDRAULIC

REF	PART NO	QTY	DESCRIPTION
1	3181738	2	HOSE ASM-06 X 48,06FJX-06FJX90
2	3181739	2	HOSE ASM-06X67.5,06FJX-06FJX90
3	3181968	1	HOSE ASM-04X55,04FJX-04FJX90
4	3181969	1	HOSE ASM-04X46,04FJX-04FJX90
5	3181736	1	HOSE ASM-6 X 27,06FJX-06FJX90
6	3181218	1	HOSE ASM-6 X 68,6FJX90-6FJX

REF	PART NO	QTY	DESCRIPTION
7	3181731	1	HOSE ASM-04X20,04FJX-04FJX
8	3182009	1	HOSE ASM-06 X 90,06FJX-06FJX
9	3182443	1	HOSE ASM-04X126,04FJX-04FJX90
10	3182442	1	HOSE ASM-04X32,04FJX-04FJX90

Hydraulic Hose Kit, Station 20

VIEW B - From *3183016*

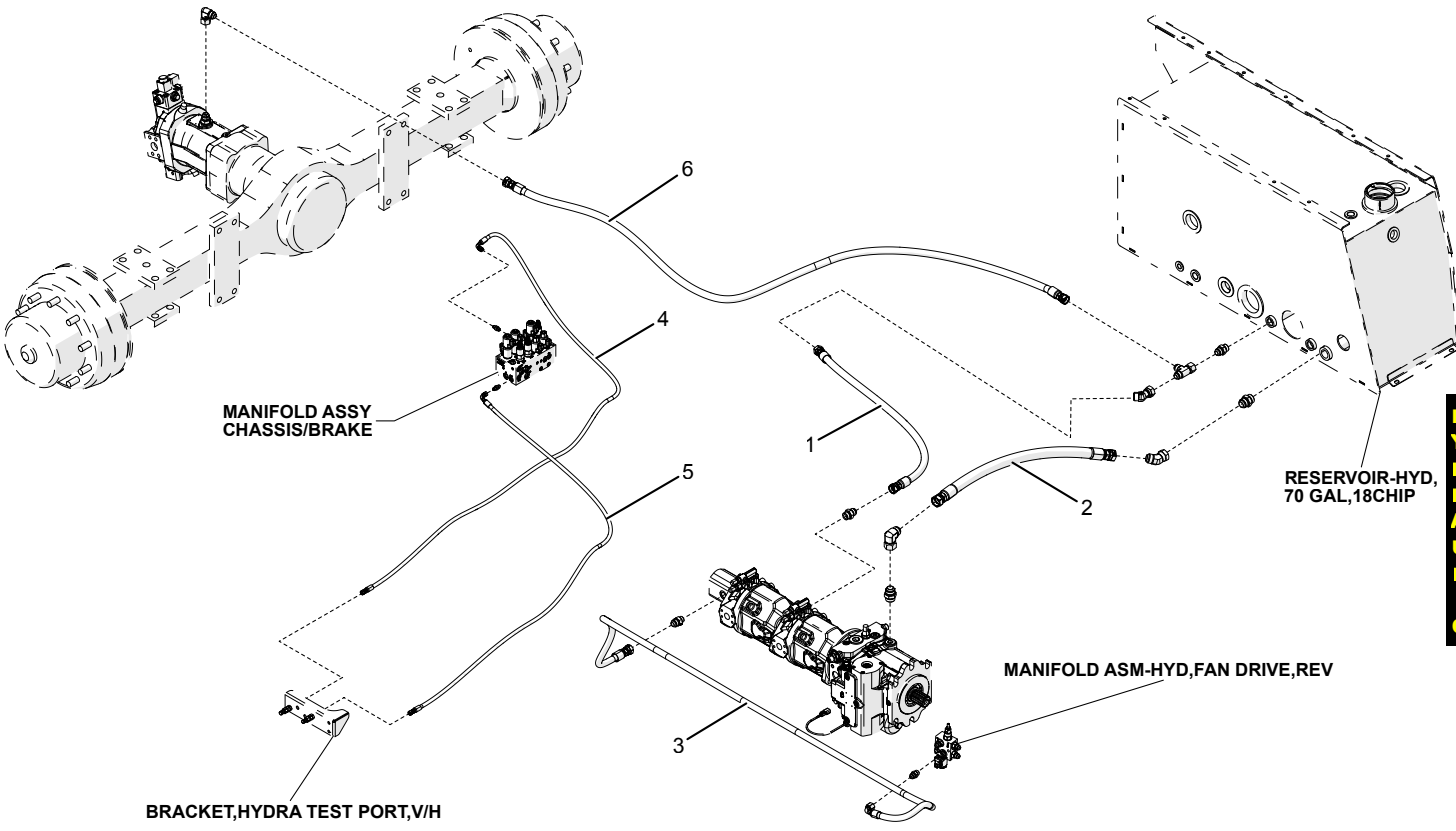


HYDRAULIC

REF	PART NO	QTY	DESCRIPTION
1	3182096	1	HOSE ASM-16X106,16FJX-16FJX90
2	3182762	1	HOSE ASM-08X106,08FJX-08FJX90
3	3182441	1	HOSE ASM-04X22,04FJX-04FJX90
4	3182186	1	HOSE ASM-16X133,16FJX-16FJX90
5	3182463	1	HOSE ASM-06X104,06FJX-06FJX90
6	3182654	1	HOSE ASM-06X114,06FJX-06FJX90

Hydraulic Hose Kit, Station 20

VIEW C - From *3183016*

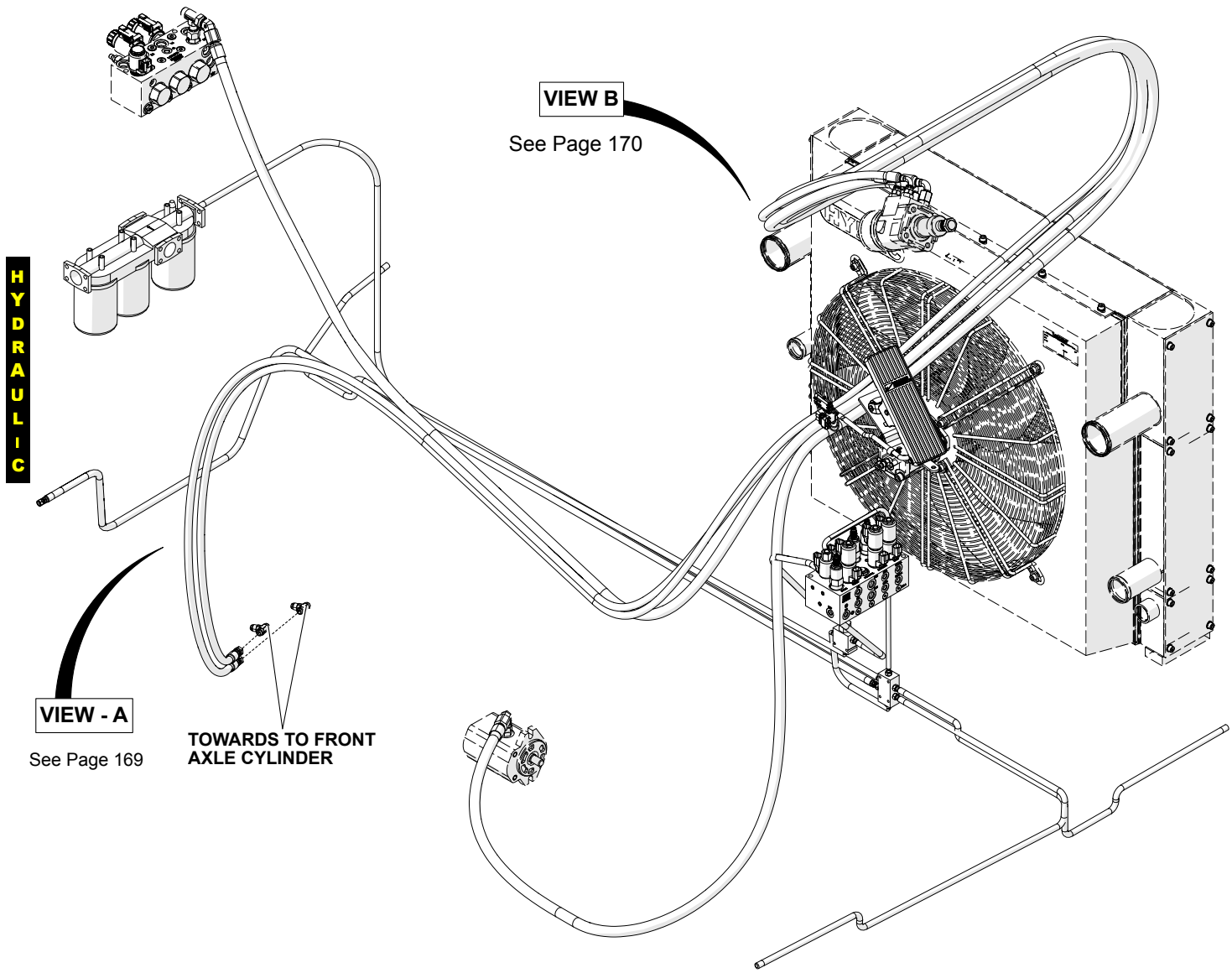


HYDRAULIC

REF	PART NO	QTY	DESCRIPTION
1	3182697	1	HOSE ASM-12X38,12FJX-12FJX
2	3182696	1	HOSE ASM-16X42,16FJX-16FJX
3	3182874	1	HOSE ASM-08X101,08FJX90-12FJX
4	3182525	1	HOSE ASM-04X112,04FJX-04FJX90
5	3182524	1	HOSE ASM-04X98,04FJX-04FJX90
6	3181927	1	HOSE ASM-12X85,12FJX-12FJX90

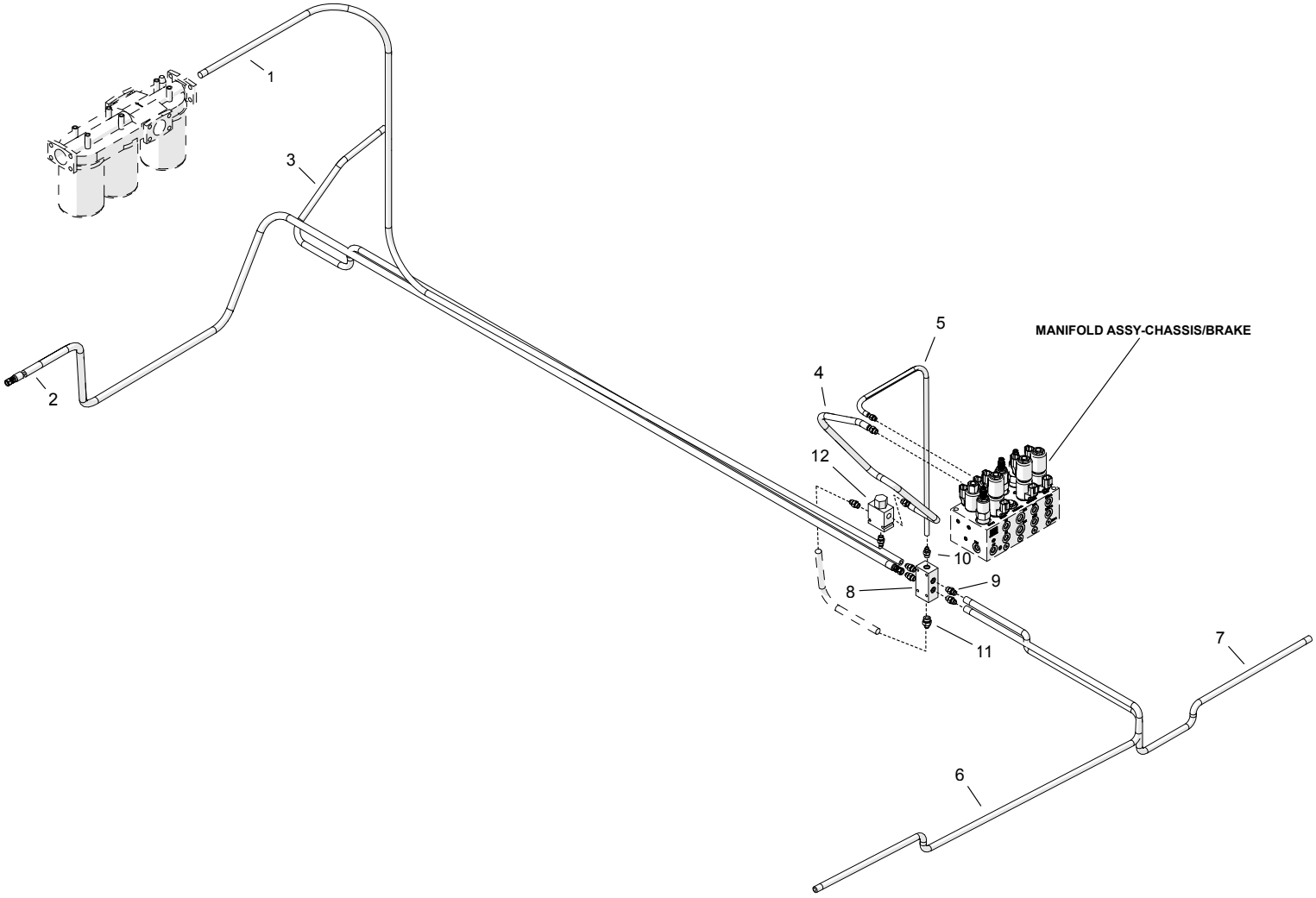
Hydraulic Hose Kit, Station 10

20000132



Hydraulic Hose Kit, Station 10

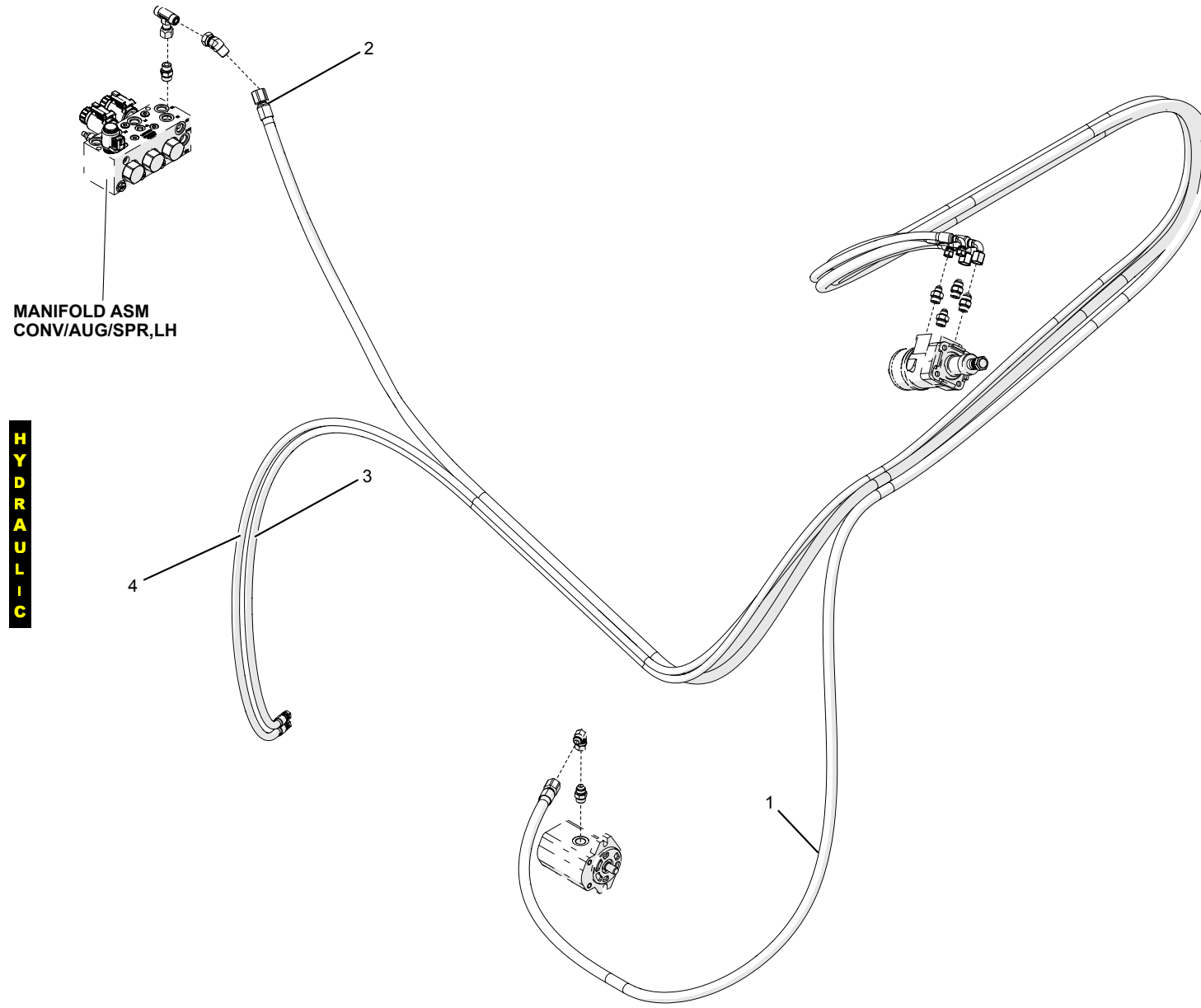
VIEW A - From *20000132*



REF	PART NO.	QTY	DESCRIPTION
1	3182979	1	BRAKE VALVE PORT 1 TO RETURN FILTER
2	3182933	1	LEFT FRONT AXLE SERVICE BRAKE
3	3182931	1	FRONT RIGHT AXLE SERVICE BRAKE
4	3182936	1	STEERING VALVE 1 TO HITCH BLOCK SB
5	3182938	1	STEERING VALVE TEE TO HITCH BLOCK LSB
6	3182934	1	REAR LEFT 4WD AXLE SERVICE BRAKE
7	3182932	1	REAR RIGHT 4WD AXLE SERVICE BRAKE
8	3183018	1	MANIFOLD-BRAKE LINE
9	9410202	6	ADAPTER-HYDR,ST,06MB-06MJ
10	6602134	1	ADAPTER-HYDR,ST,6MB-4MJ
11	6602133	1	ADAPTER-HYDR,ST,08MB-06MJ
12	6604322	1	VALVE-HYD,2POS 3WAY, 06 PORTS

Hydraulic Hose Kit, Station 10

VIEW B - From *20000132*

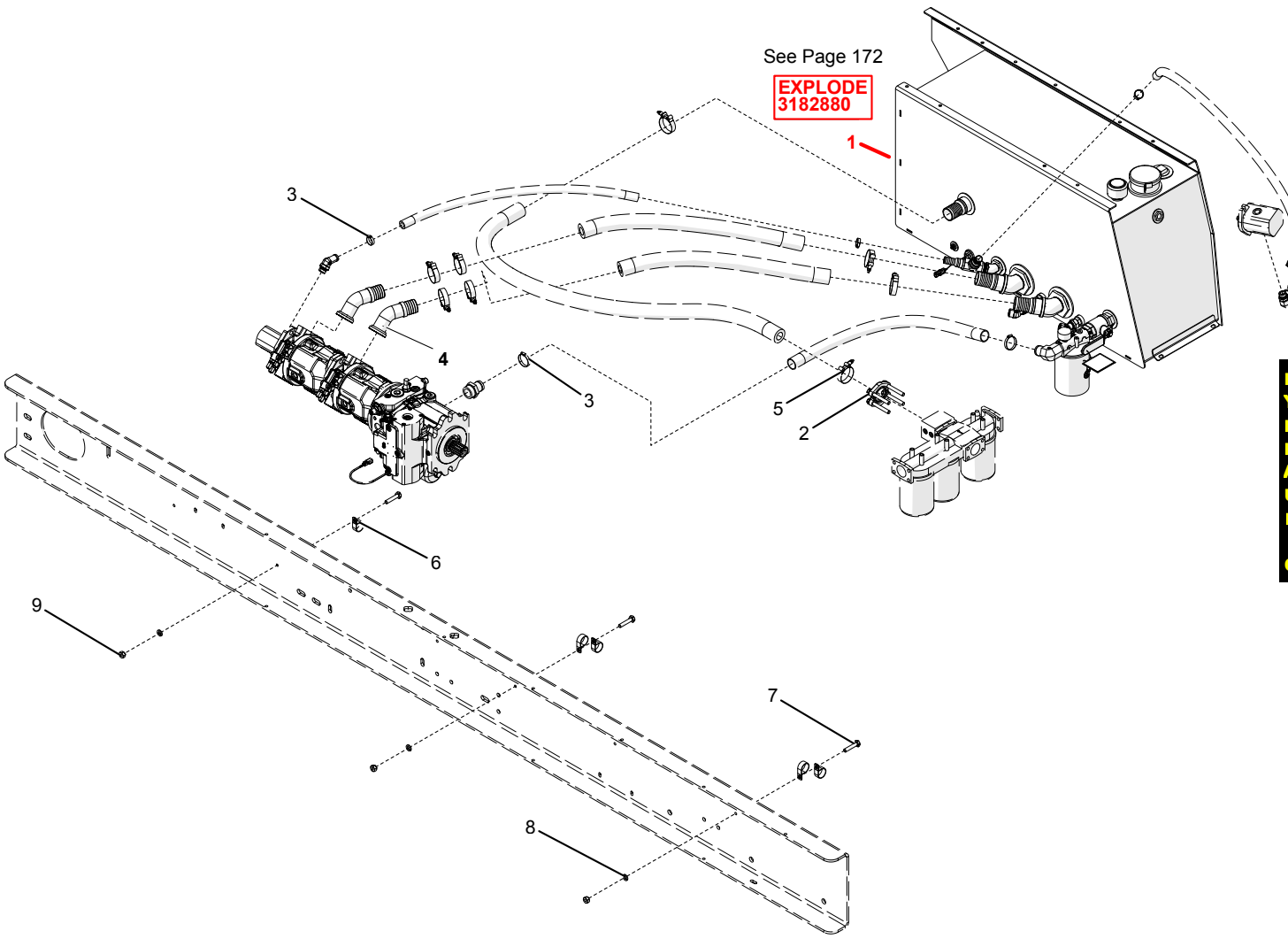


HYDRAULIC

REF	PART NO	QTY	DESCRIPTION
1	3182894	1	HOSE ASM-08X200,08FJX-08FJX90
2	3182895	1	HOSE ASM-08X174,08FJX-08FJX90
3	3182278	1	HOSE ASM-06X249,06FJX-06FJX90
4	3181949	1	HOSE ASM-06X249,06FJX-06FJX90

Hydraulic Tank & Suction

3182879 - From *Hydraulic Asm*

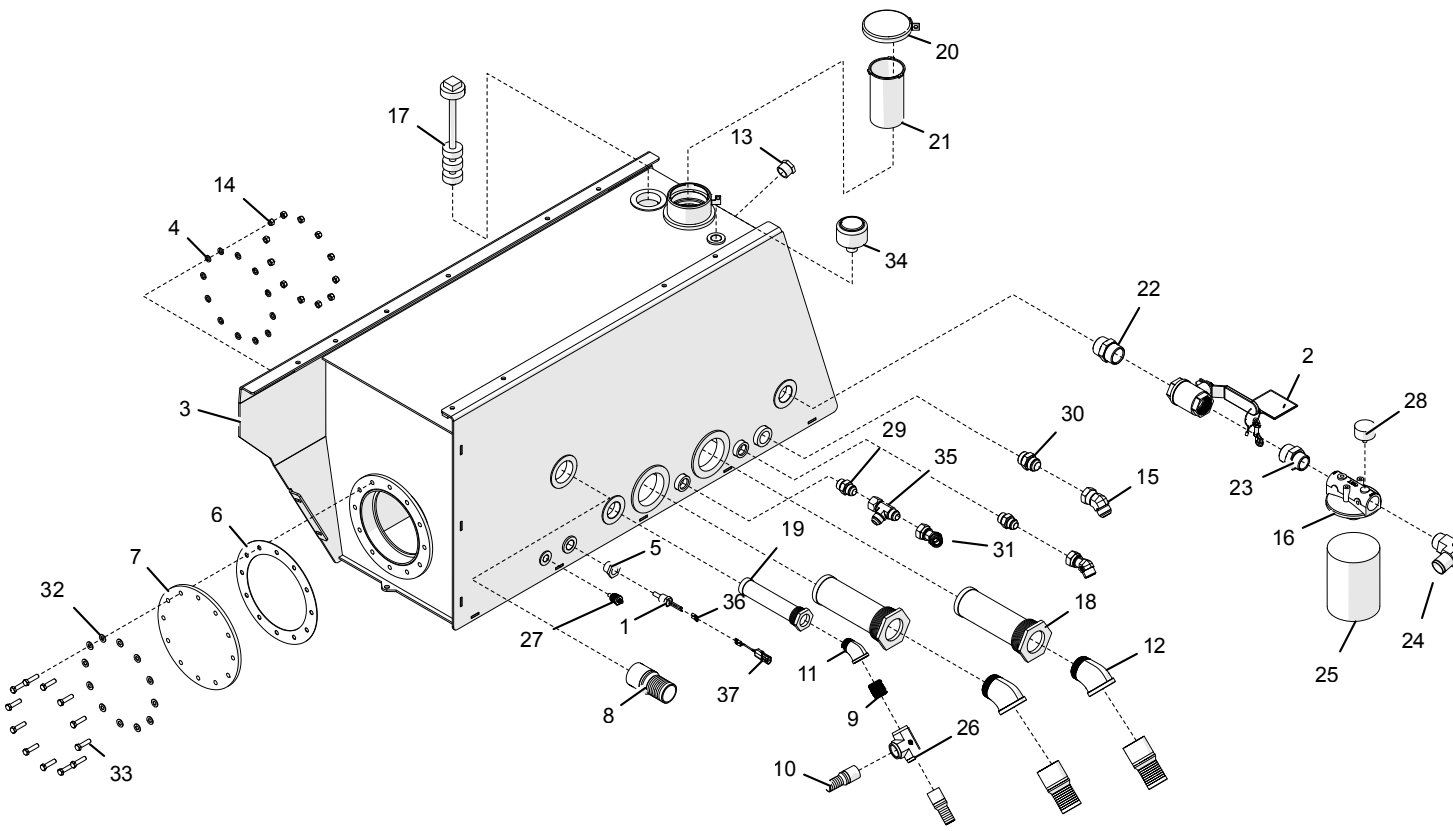


HYDRAULIC

REF	PART NO	QTY	DESCRIPTION
1	3182880	1	HYDRAULIC TANK ASSEMBLY,2019
2	6602628	1	SPLIT FLANGE KIT-2" CODE 61
3	6000792	6	CLAMP-HOSE,WORM DRV, 1.06 TO 2
4	6603167	2	HOSE END-45DEG, 32BARB-32FLANGE
5	6001446	8	CLAMP-T-BOLT,2.34" TO 2.66"
6	6001823	5	CLAMP-TUBE,1",RUBBER COAT
7	0180024	3	SCREW-HEX,0.25NCX1.25,GR5,PD
8	0120380	3	WASHER-LOCK,0.25,SPRING,PD
9	0120375	3	NUT-HEX,0.25NC,PD

Hydraulic Tank Asm

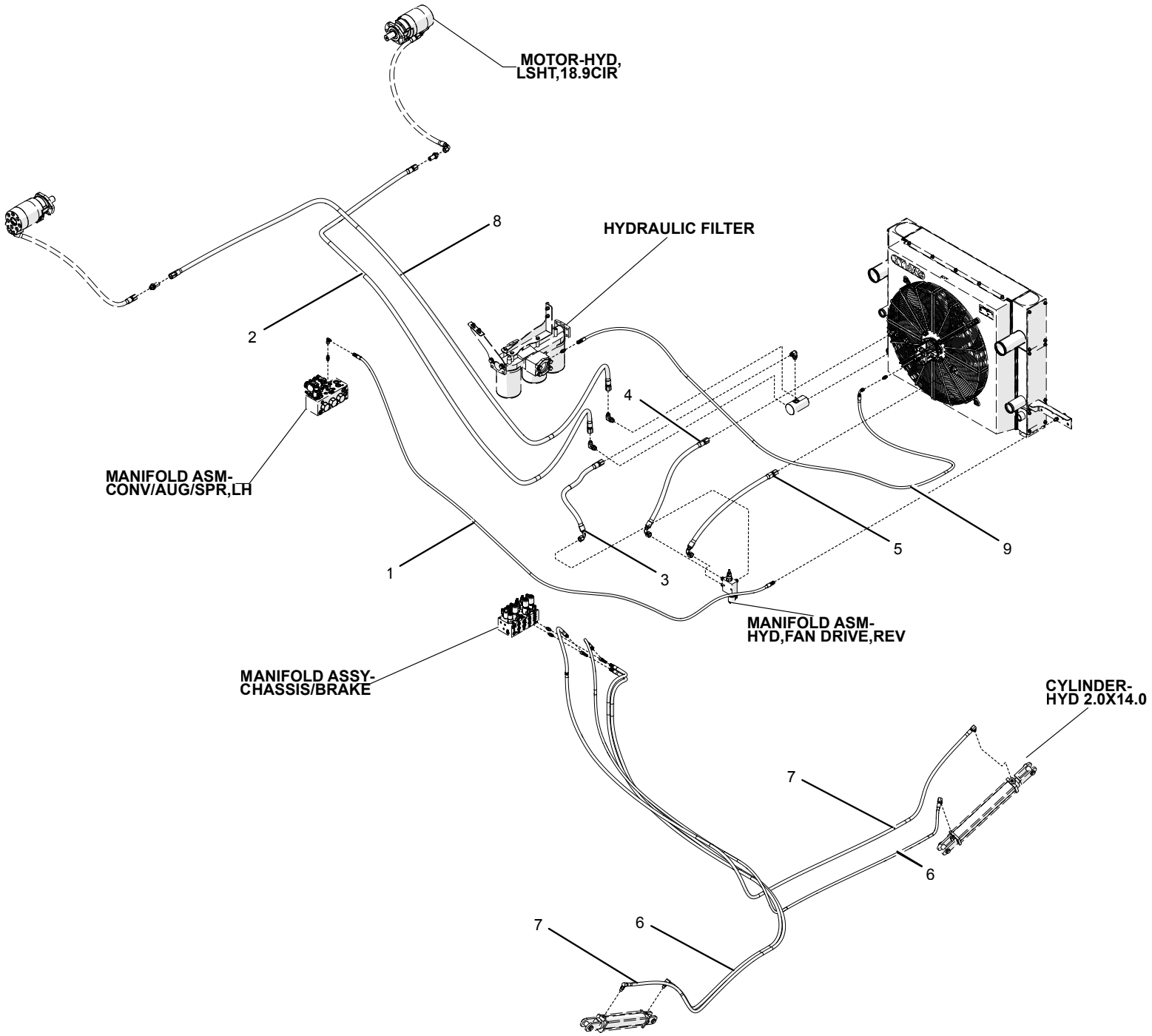
3182880



REF	PART NO	QTY	DESCRIPTION	REF	PART NO	QTY	DESCRIPTION
1	6703262	1	SWITCH-THERMO,140 DEG;NC; .5NPT	20	6604329	1	FILL CAP-LOCKING, 4"
2	3182650	1	SAFETY VALVE ASM	21	6604330	1	STRAINER-FILL NECK,6" LONG
3	3182661	1	RESERVOIR-HYD,70 GAL,18CHIP	22	6604786	1	ADAPT-HYDR,ST,24MP-24MP
4	0120382	12	WASHER-LOCK,0.38,SPRING,PD	23	6604787	1	ADAPT-HYDR,ST,24MP-20MP
5	0144042	1	BUSHING-PIPE,0.75X0.50NPT,PD	24	6604972	1	HOSE END-90, 24BARB-20MP,LP
6	3180749	1	GASKET-RESERVOIR,CLEAN-OUT,HYD	25	6605045	1	ELEMENT-HYD FILTER #6602214
7	3182286	1	FLANGE-BLIND,HYD TANK	26	6605324	1	TEE-HYDR,16FP-16FP-16FP
8	6200526	3	NIPPLE-COMB-2.00,TYPE SCP	27	6700400	1	SENDER-TEMP 12V 1/2 NPT
9	6200975	1	NIPPLE-PP,SCH 40,CLOSE 1.0",SS	28	7420042	1	GAUGE-VACUUM, FILTER IND
10	6201210	2	NIPPLE-COMB-1.00,TYPE SCP	29	9410205	2	ADAPTER-HYDR,ST,12MB-12MJ
11	6201247	1	ELBOW-PIPE,45,ST,1.00NPT,BR	30	9410207	1	ADAPTER-HYDR,ST,16MB-16MJ
12	6201248	2	ELBOW-PIPE,45,ST,2.00NPT,BR	31	9410257	2	ELBOW-HYDR,45,12FJX-12MJ
13	6600224	1	PLUG-OIL,EYE SITE	32	0120388	12	WASHER-FLAT, SAE STD, 0.375
14	0120377	12	NUT-HEX, 0.38NC,PD	33	0180126	12	SCREW-HEX,0.38NCX.50 LG,GR5
15	6602021	1	ELBOW-HYDR,45,16MJ-16FJX	34	6601125	1	BREATHER-HYD RSV,.75NPT,5PSI
16	6602801	1	FILTER HEAD-HYD #1 1/4 PORTS	35	9410335	1	TEE-HYDR,12MJ-12FJX-12MJ
17	6603960	1	MAGNET-HYD TANK,2"NPT,12"LONG	36	6703565	2	TERM-RING #10 ,22-16AWG
18	6604008	2	STRAINER-100MESH,50GPM,3"NPT	37	3161370	1	HARNESS-TEMP SENSOR,HYD
19	6604009	1	STRAINER-100MESH,15GPM,1.5"NPT				

Hydraulic Hose Kit - Station 60

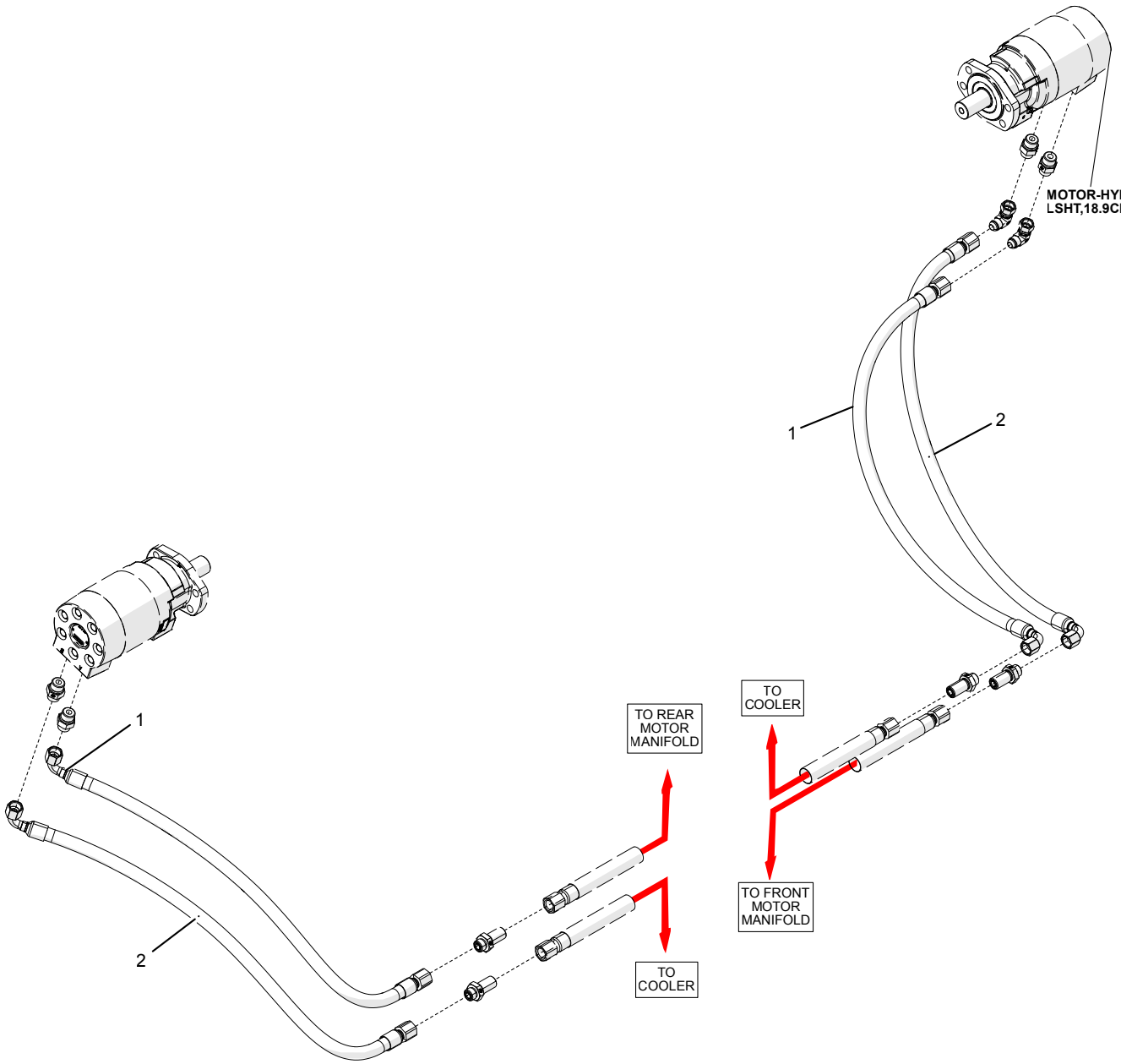
3182636 - From *Hydraulic Asm*



REF	PART NO.	QTY	DESCRIPTION
1	3182522	1	LH MOTOR BLOCK TP TO TEST PORT
2	3182635	1	RH BULKHEAD TO COOLER
3	3182511	1	COOLER VALVE R TO HYD COOLER
4	3182154	1	COOLER VALVE T TO FAN MOTOR OUT
5	3182512	1	COOLER VALVE M TO FAN MOTOR IN
6	3181964	2	BATWING RAISE,VALVE TO CYLINDER
7	3181965	2	BATWING LOWER,VALVE TO CYLINDER
8	3182634	1	LH BULKHEAD TO COOLER
9	3181963	1	FAN MOTOR CASE DRAIN TO TANK

Hydraulic Hose Kit - Station 30

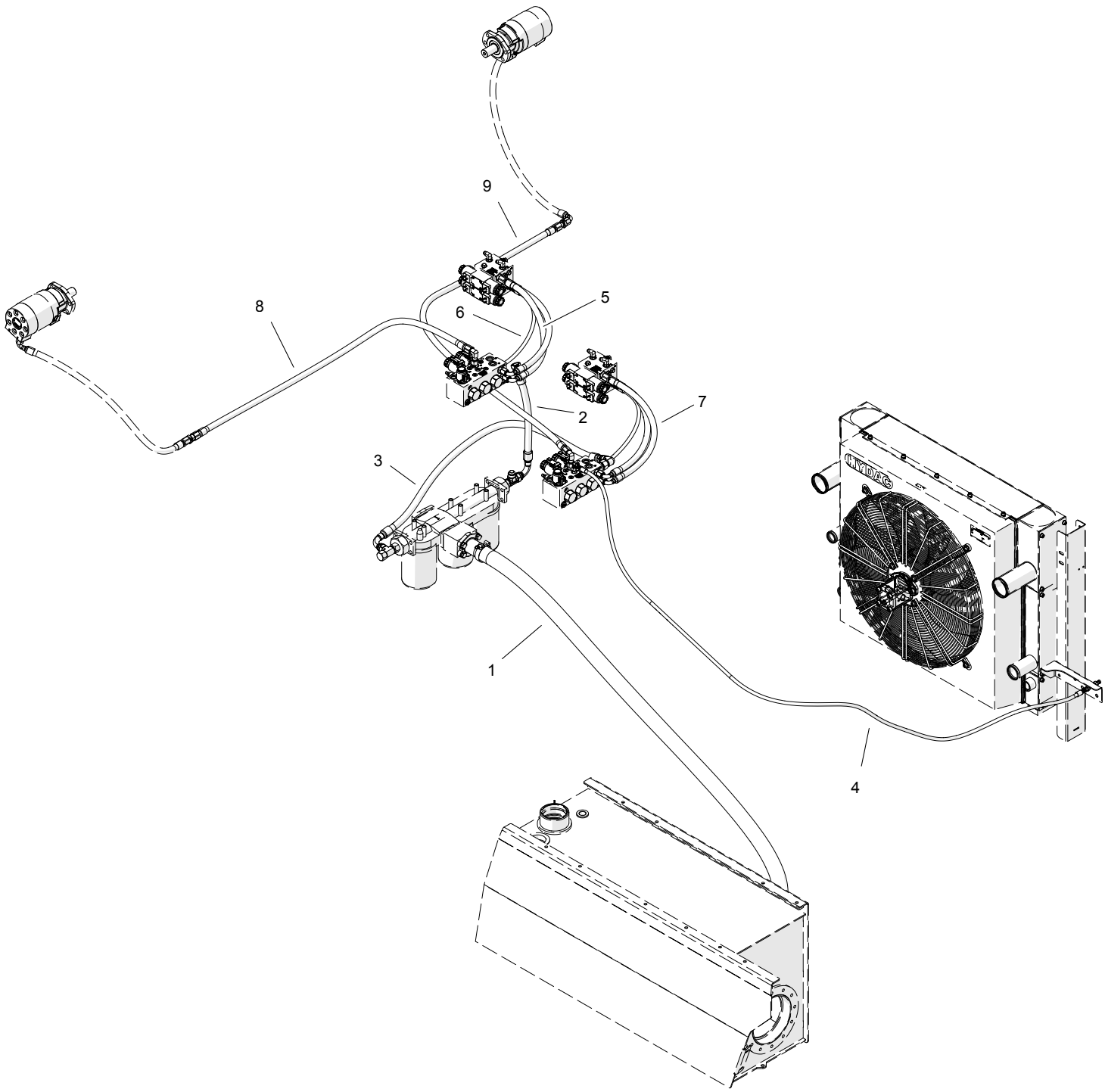
3182610 - From *Hydraulic Asm*



REF	PART NO	QTY	DESCRIPTION
1	3182602	2	HOSE -08X35,08FORFSX-08FORFS90
2	3182603	2	HOSE -08X40,08FORFSX-08FORFS90

Hydraulic Hose Kit - Station 60

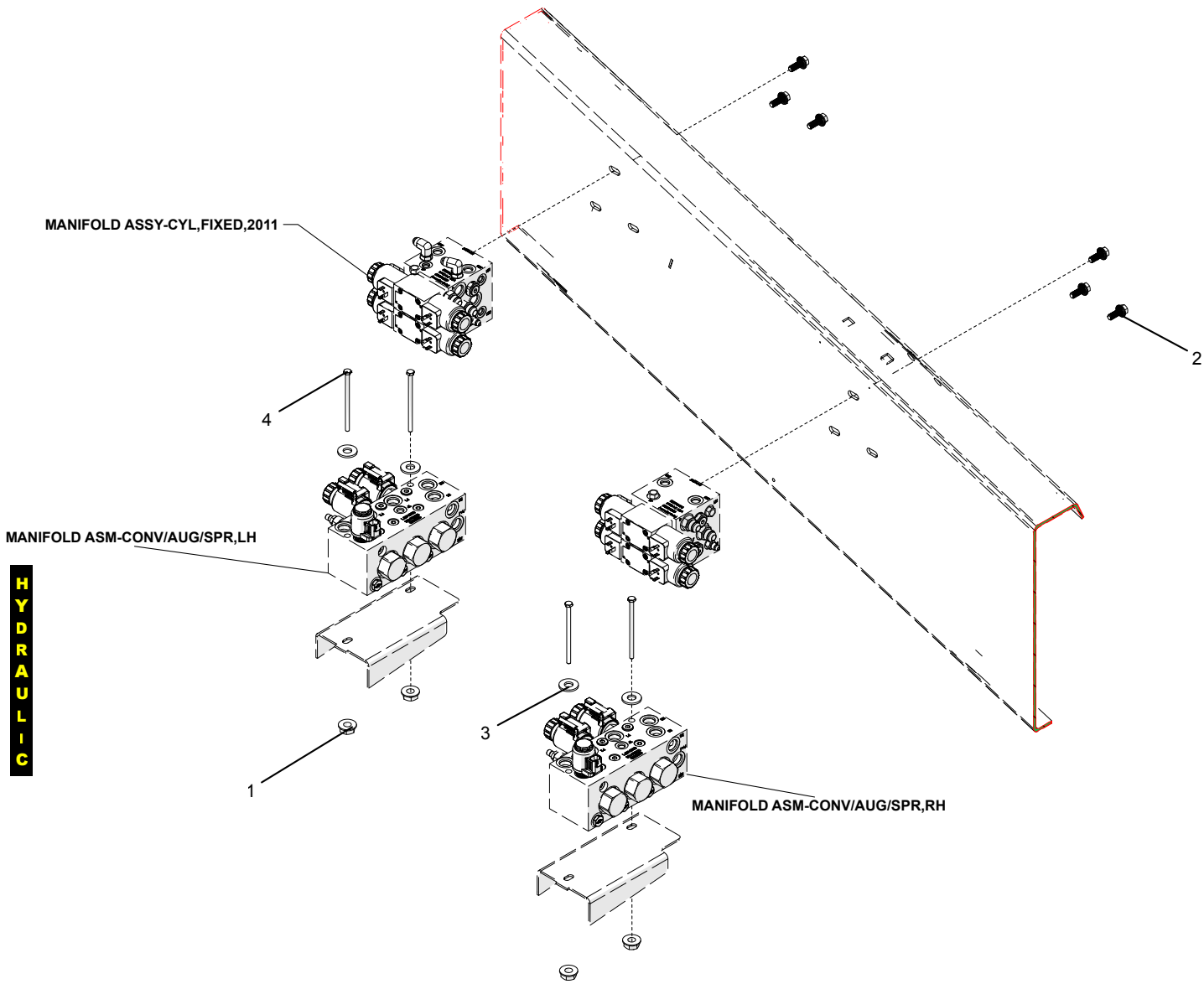
3182609 - From *Hydraulic Asm*



REF	PART NO	QTY	DESCRIPTION
1	3182178	1	HOSE-RETURN, 2 X 96, SAE 100R4
2	3182264	1	HOSE ASM-12 X 22, 12FJX-12JFX90
3	3182263	1	HOSE ASM-12 X 50, 12FJX-12FJX90
4	3182523	1	HOSE ASM-04 X 188, 04FJX-04FJX90
5	3182101	2	HOSE ASM-08 X 30.5, 08FJX-08FJX90
6	3182102	2	HOSE ASM-04 X 20.5, 04FJX-04FJX
7	3182185	2	HOSE ASM-08 X 28, 08FJX-08FJX90
8	3182601	1	HOSE-08 X 76, 08FORFSX-08FORFSX
9	3182600	1	HOSE-08 X 62, 08FORFSX-08FORFSX

Hydraulic Assembly

VIEW A - From *Hydraulic Asm*

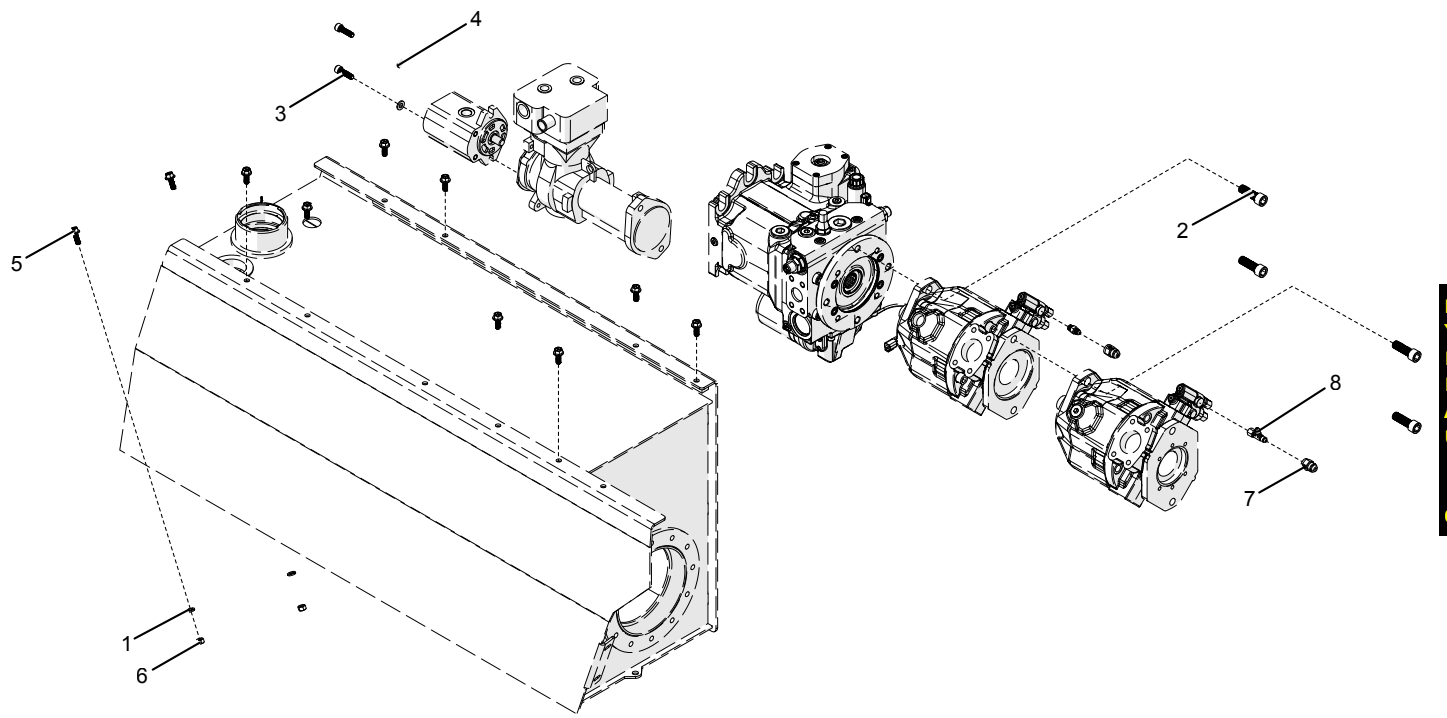


HYDRAULIC

REF	PART NO	QTY	DESCRIPTION
1	6100713	4	NUT-FLANGED,1/4-20NC SERR
2	6100880-03	6	BOLT-WIZ,0.375UNCX1.00 GR5,PD
3	0120396	4	WASHER-FLAT, SAE STD, 0.250
4	6001967	4	CAPSCREW-GR 5, 0.250 UNC X 4.50 LG

Hydraulic Assembly

VIEW B - From *Hydraulic Asm*

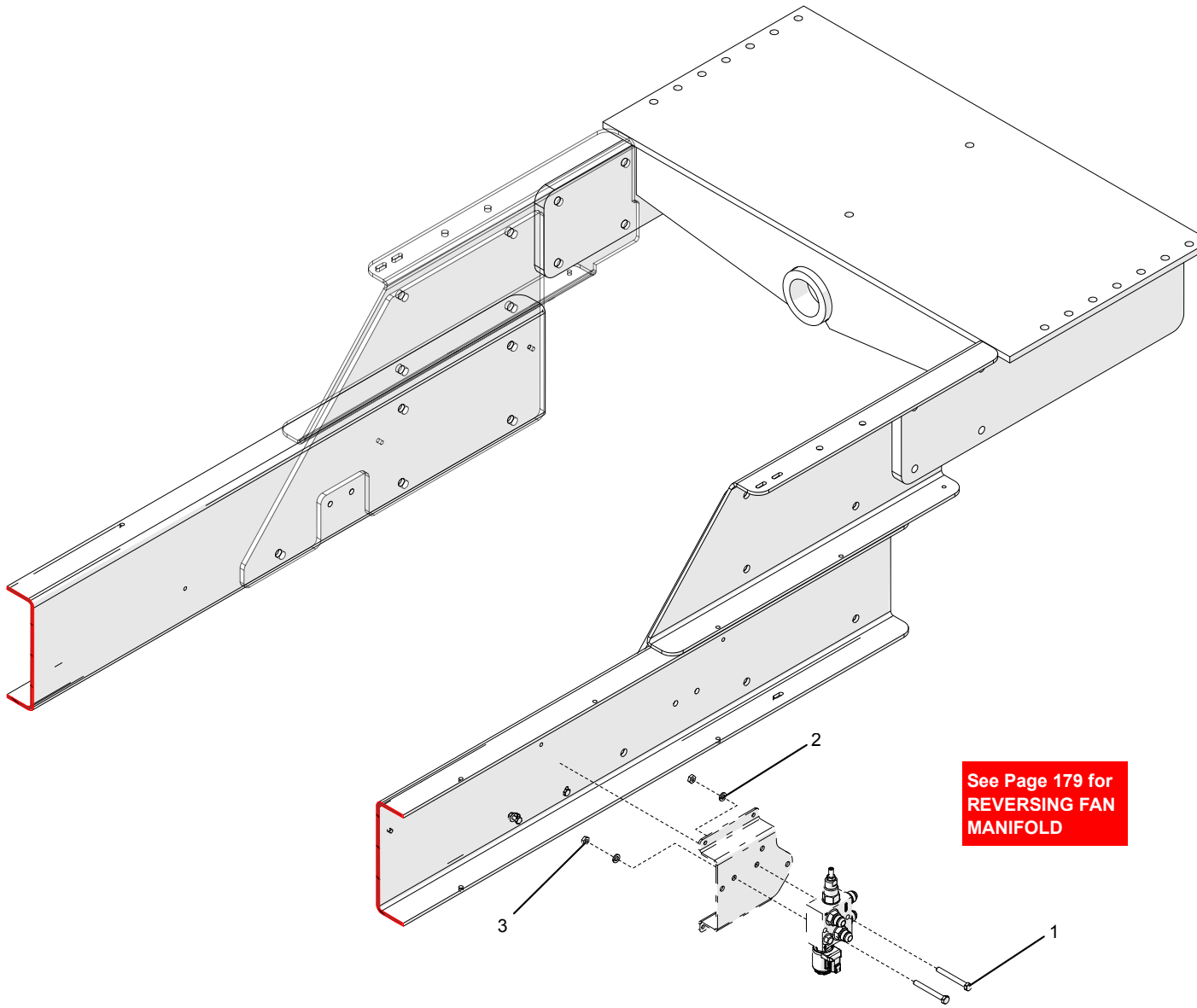


REF	PART NO	QTY	DESCRIPTION
1	0120382	2	WASHER-LOCK,0.38,SPRING,PD
2	6100718	4	SCREW-SHC,M16-2X50MM,GR12.9, PD
3	6100781	2	SCREW-SOCK,M10-1.5X35MM
4	6100809	2	WASHER-FLAT, M10 (.41X.78) PD
5	6100880-03	10	BOLT-WIZ,0.375UNCX1.00 GR5,PD
6	0120376	2	NUT-HEX, 0.375NC
7	6604580	2	ADAPTER-HYDR,ST,04FJ-08MJ
8	6602140	1	TEE-HYDR,04MJ-04FJX-04MJ

Hydraulic Asm

VIEW C - From *Hydraulic Asm*

HYDRAULIC

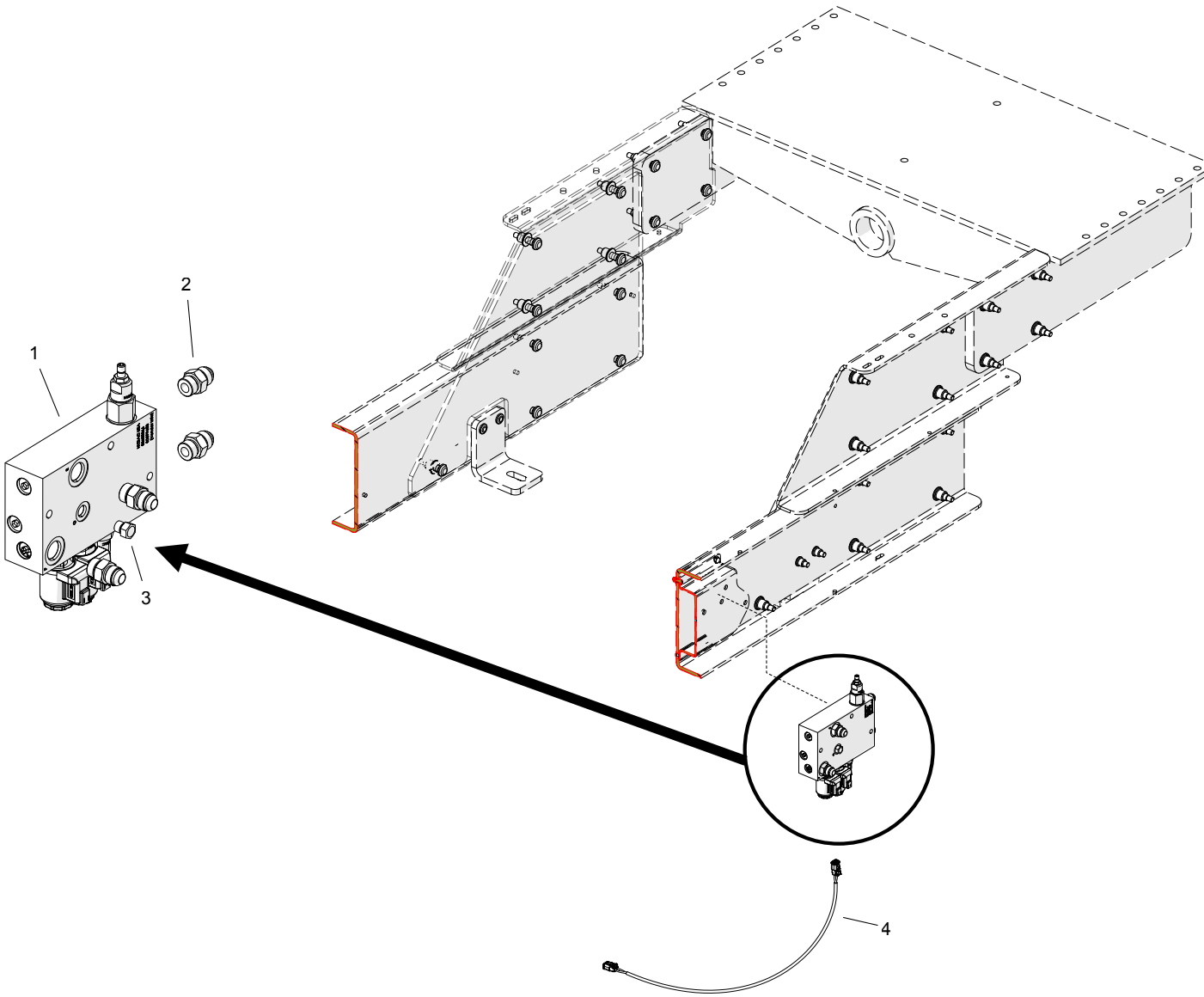


See Page 179 for REVERSING FAN MANIFOLD

REF	PART NO	QTY	DESCRIPTION
1	6100328	2	SCREW-HEX,0.31NCX2.75,GR5,PD
2	0120214	2	WASHER-LOCK,0.31,SPRING,PD
3	0120376	2	NUT-HEX,0.31NC,PD

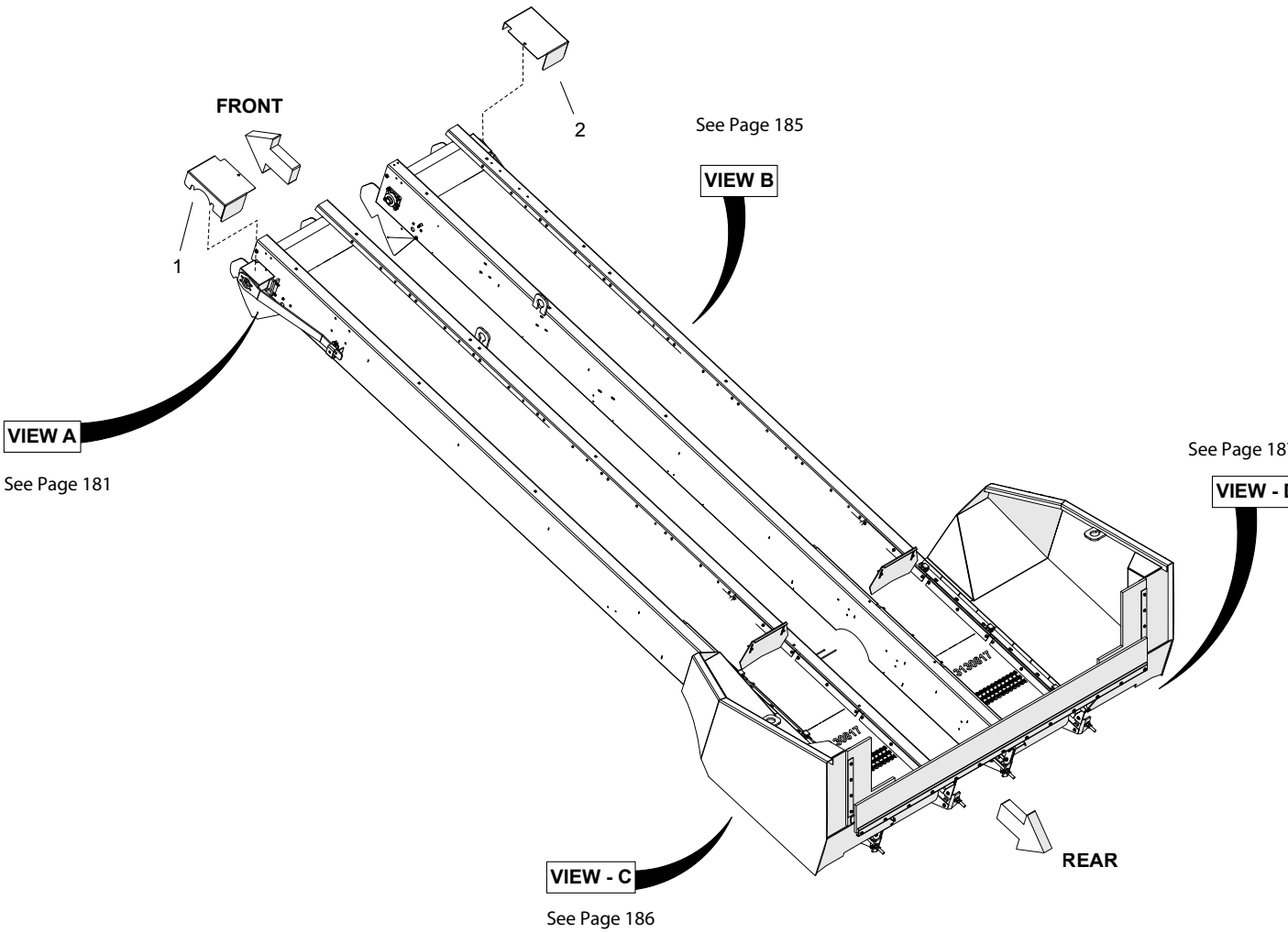
Reversing Fan Manifold

From *Hydraulic Asm, VIEW C*



REF	PART NO	QTY	DESCRIPTION
1	3182509	1	MANIFOLD-HYD, FAN, REV, 15GPM
2	9410203	4	ADAPTER-HYD, ST, 08MB-08MJ
3	9410356	1	PLUG-HYD, 4MB
4	3161147	1	HARNESS-REVERSING FAN EXT.

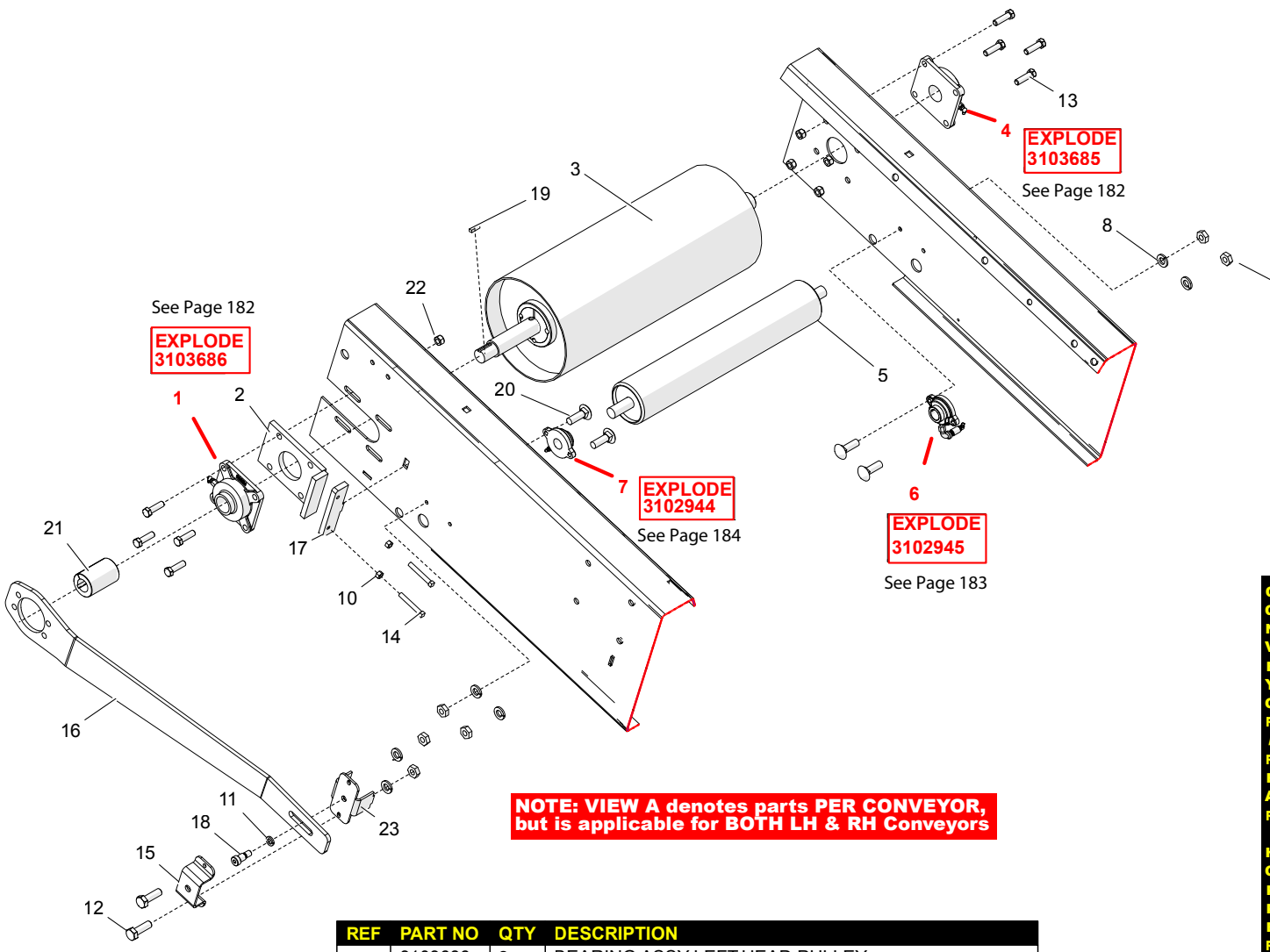
Conveyor Group



REF	PART NO	QTY	DESCRIPTION
1	3130824	1	COVER-LH,CONV MOTOR,2011
2	3130825	1	COVER-RH,CONV MOTOR,2011

Conveyor Group

VIEW A

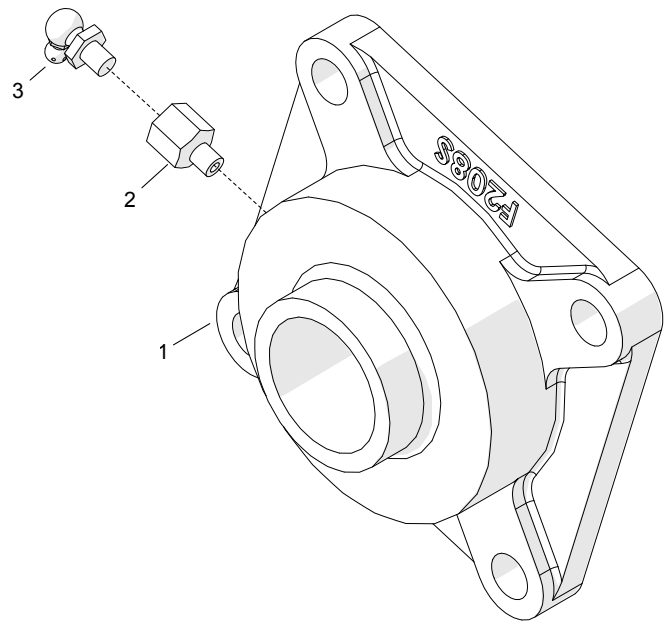


NOTE: VIEW A denotes parts PER CONVEYOR, but is applicable for BOTH LH & RH Conveyors

REF	PART NO	QTY	DESCRIPTION
1	3103686	2	BEARING ASSY-LEFT,HEAD PULLEY
2	3180945	1	PLATE-BEARING ADJUSTMENT
3	3130814	1	HEAD PULLEY ASSY-CONV, 11CHIP
4	3103685	2	BEARING ASSY-RIGHT,HEAD PULLEY
5	3130398	1	ROLLER ASM-FRONT IDLER
6	3102945	2	BEARING ASSY-INSIDE IDLER
7	3102944	2	BEARING ASSY-OUTSIDE IDLER
8	0120214	6	WASHER-LOCK,0.31,SPRING,PD
9	0120376	6	NUT-HEX,0.31NC,PD
10	0120377	2	NUT-HEX,0.38NC,PD
11	0120384	1	WASHER-LOCK,0.50,SPRING,PD
12	0180079	2	SCREW-HEX,0.31NCX1.00,GR5,PD
13	0186646	8	SCREW-HEX,0.50NCX1.75,GR8,PN
14	0191966	2	SCREW-SQHD,0.38NCX3.00,OVAL,PD (Thru S/N K7583)
15	3121885	1	PLATE-TORQUE ARM COVER
16	3130818	1	TORQUE ARM-CONV MOTOR MOUNT
17	3130794	1	ADJ PLATE-CONV DRIVE,TABS
18	6001892	1	BOLT-SHOULDER,SCKT HD,5/8X0.75
19	6002017	1	KEY-0.31X0.31 CRX1.00
20	6100277	4	SCREW-RDSQNKBLT,0.31NCX1,GR5PN
21	6445077	1	COUPLER-1.25 W/5/16 KEY,2PIECE
22	9411727	8	NUT-HEX,LOCK,0.50NC,EA,PD
23	3121906	1	ANCHOR-TORQUE ARM,BIG CONV

Left & Right Head Pulley Bearing Asm

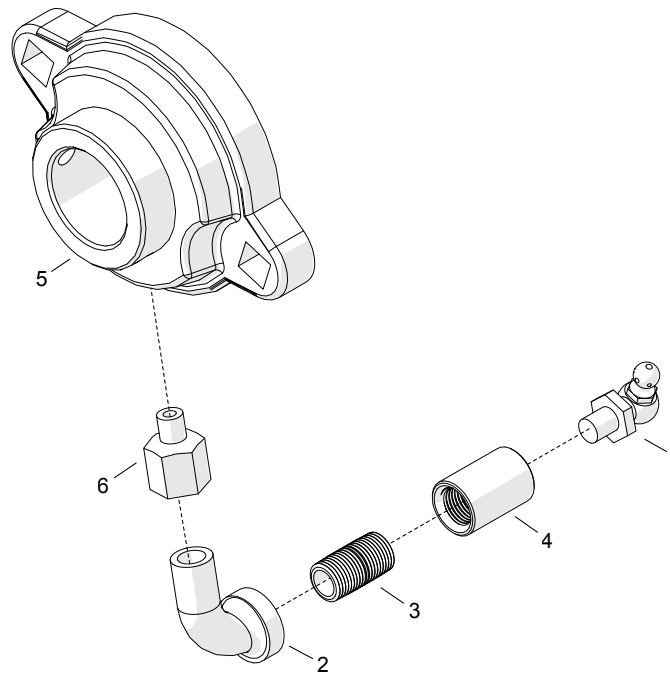
3103686 & 3103685 - From *VIEW -A*



REF	PART NO	QTY	DESCRIPTION
1	3140094	1	FLANGE BRG-BALL,4 BOLT,1.562
2	6420195	1	ADAPTER-FITTING,BRNG,P/N 51942
3	0109462	1	ELBOW-LUBE,90,0.13PTFX0.84,PN

Inside Idler Bearing Asm

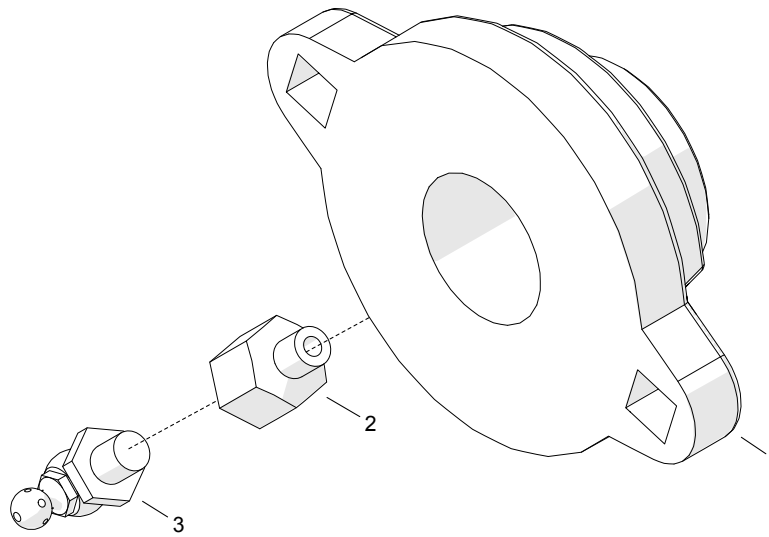
3102945 - From *VIEW -A*



REF	PART NO	QTY	DESCRIPTION
1	0109462	1	ELBOW-LUBE,90,0.13PTFX0.84,PN
2	0127960	1	ELBOW-PIPE,90,ST,0.12NPT,PD
3	0142868	1	NIPPLE-PP,SCH 40,0.12X0.75,PN
4	0192086	1	COUPLING-PIPE,0.13,NPT,PD
5	6420086	1	FLANGE BRG-BALL,2 BLT,1.00
6	6420195	1	ADAPTER-FITTING,BRNG,P/N 51942

Outside Idler Bearing Asm

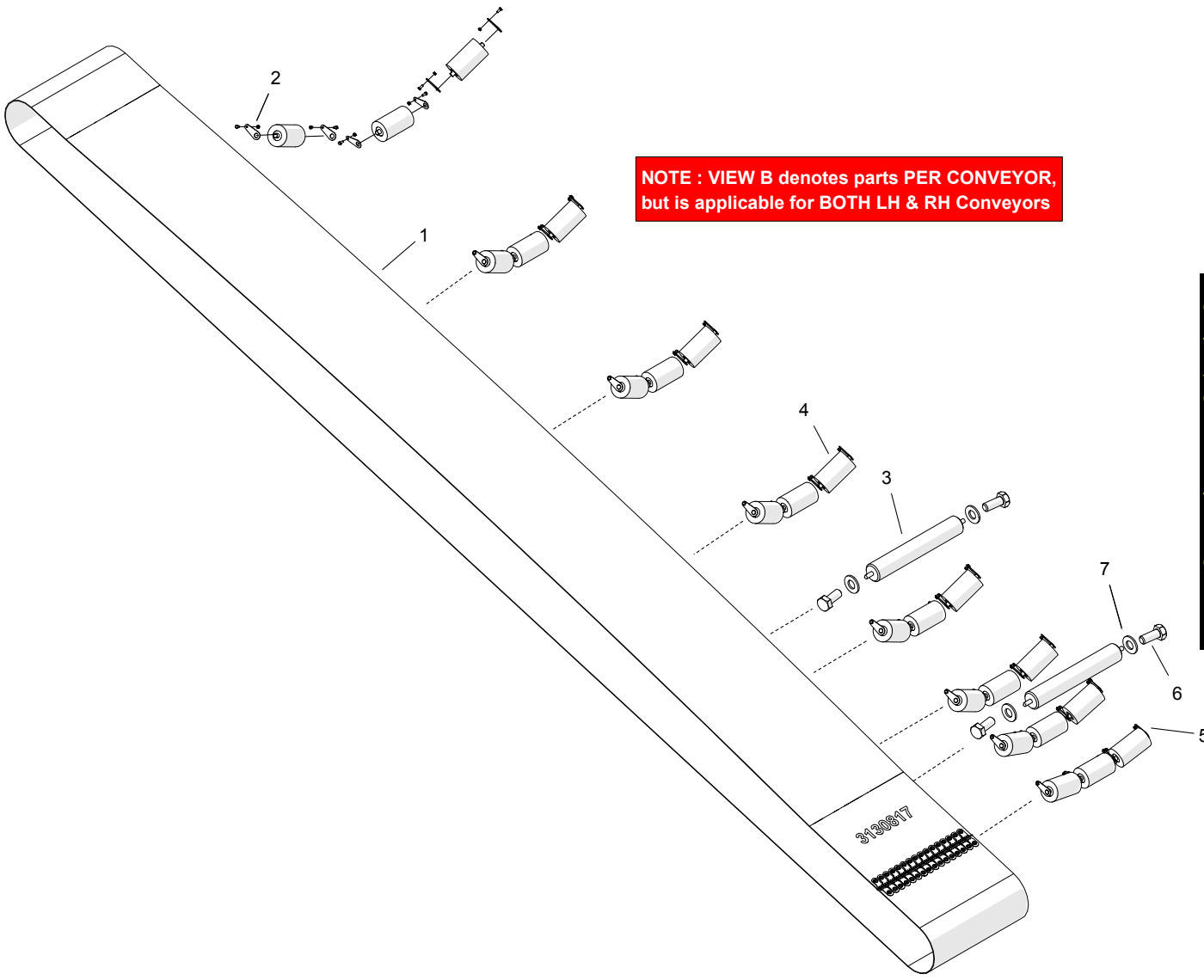
3102944 - From *VIEW -A*



REF	PART NO	QTY	DESCRIPTION
1	6420086	1	FLANGE BRG-BALL,2 BLT,1.00
2	6420195	1	ADAPTER-FITTING,BRNG,P/N 51942
3	0109462	1	ELBOW-LUBE,90,0.13PTFX0.84,PN

Conveyor Group

VIEW - B

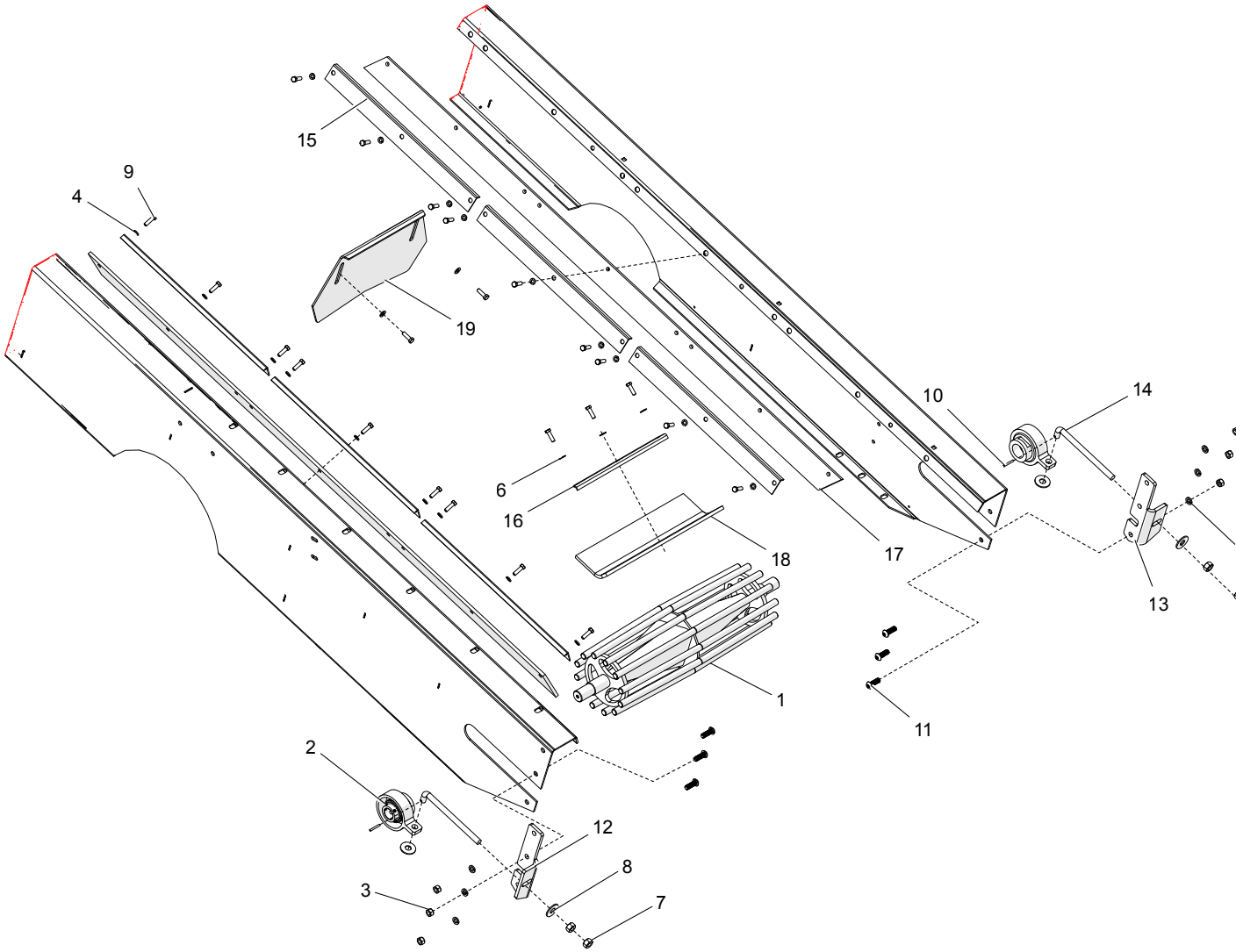


CONVEYOR / REAR HOPPER

REF	PART NO	QTY	DESCRIPTION
1	3130817	1	BELT-CONV,24",W/FASTENER
2	3130883	52	CLIP-IDLER ROLLER MOUNT
3	6435479	2	ROLLER-RETURN,24" CONVEYOR
4	6435519	24	ROLLER-IDLER,4"DIA,6.75"LONG
5	9411638	52	NUT-HEX,LOCK,0.31NC,EA,PD
6	6100879-03	52	BOLT-WIZ, 0.312"UNC X 1.0", GR5, PD
7	0446363	52	WASHER-FLAT,0.31A(0.38X0.88)PD

Conveyor Group

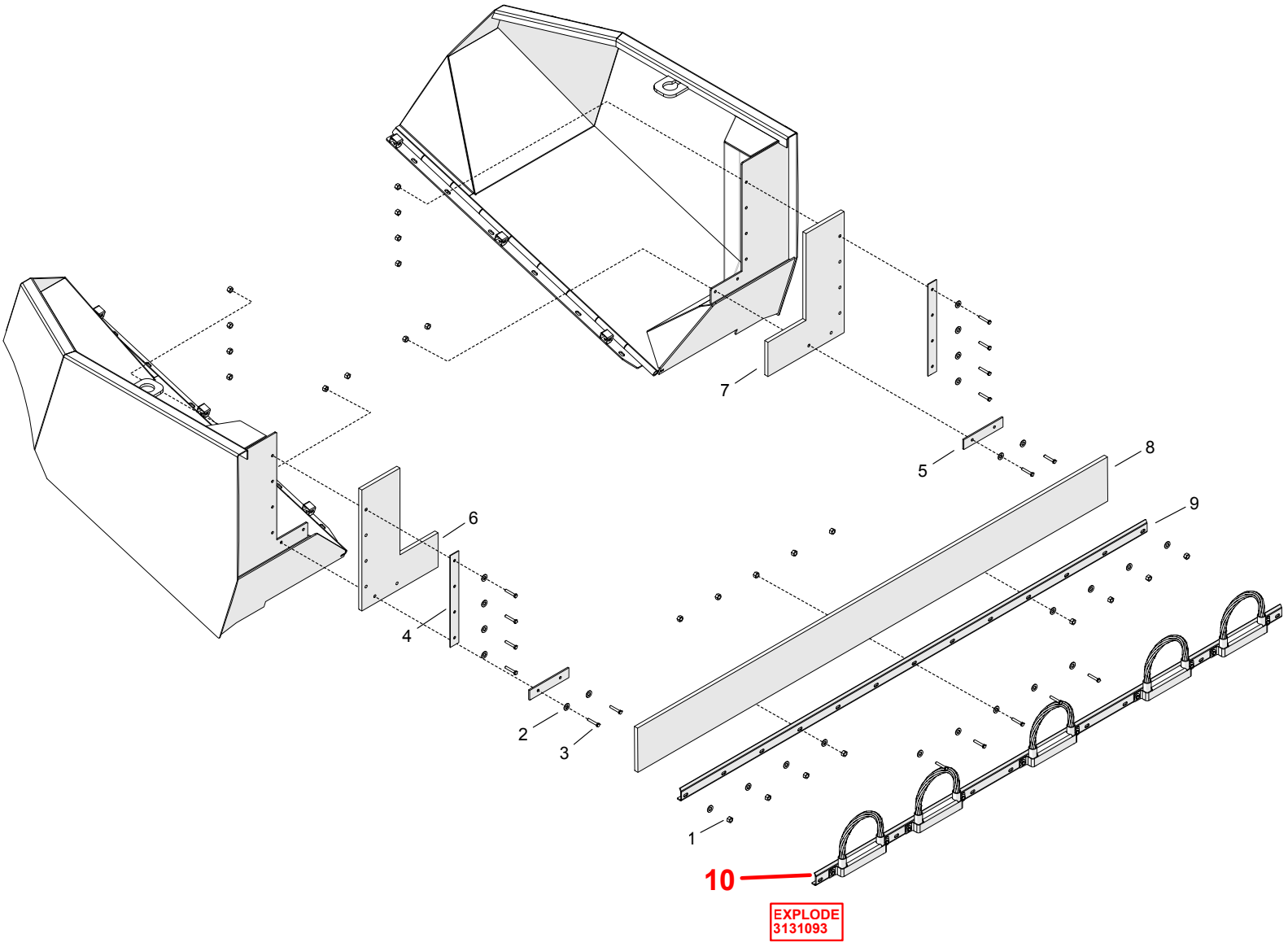
VIEW C



REF	PART NO	QTY	DESCRIPTION
1	3130829	1	PULLEY ASM-TAIL,CONVEYOR C.S.
2	3130095	2	BEARING+HSG ASM-TAIL PULLEY
3	0120378	6	NUT-HEX,0.50NC,PD
4	0120382	18	WASHER-LOCK,0.38,SPRING,PD
5	0120384	6	WASHER-LOCK,0.50,SPRING,PD
6	0120388	5	WASHER-FLAT,SAE,STD,0.375
7	0124589	4	NUT-HEX,0.62NC,PD
8	0130999	4	WASHER-FLAT,0.62A(0.69X1.75)PD
9	0180124	23	SCREW-HEX,0.38NCX1.25,GR5,PD
10	0457008	2	PIN-SPRING,0.19X1.50,HV,PN
11	3100174	6	SCREW-REAR PULLEY
12	3103177	1	ALIGNMENT BRKT, RH
13	3103178	1	ALIGNMENT BRKT, LH
14	3130083	2	SCREW-TAILPULLEY ADJ
15	3130889	6	BRACKET-FLASHING RETAINER,SIDE
16	3130890	1	BRACKET-FLASHING RETAINER,REAR
17	3130891	2	FLASHING-CONVEYOR,REAR HOPPER
18	3130892	1	FLASHING-CONVEYOR END
19	3130893	1	GATE-FLOW,BATWING HOPPER CONV

Conveyor Group

VIEW D

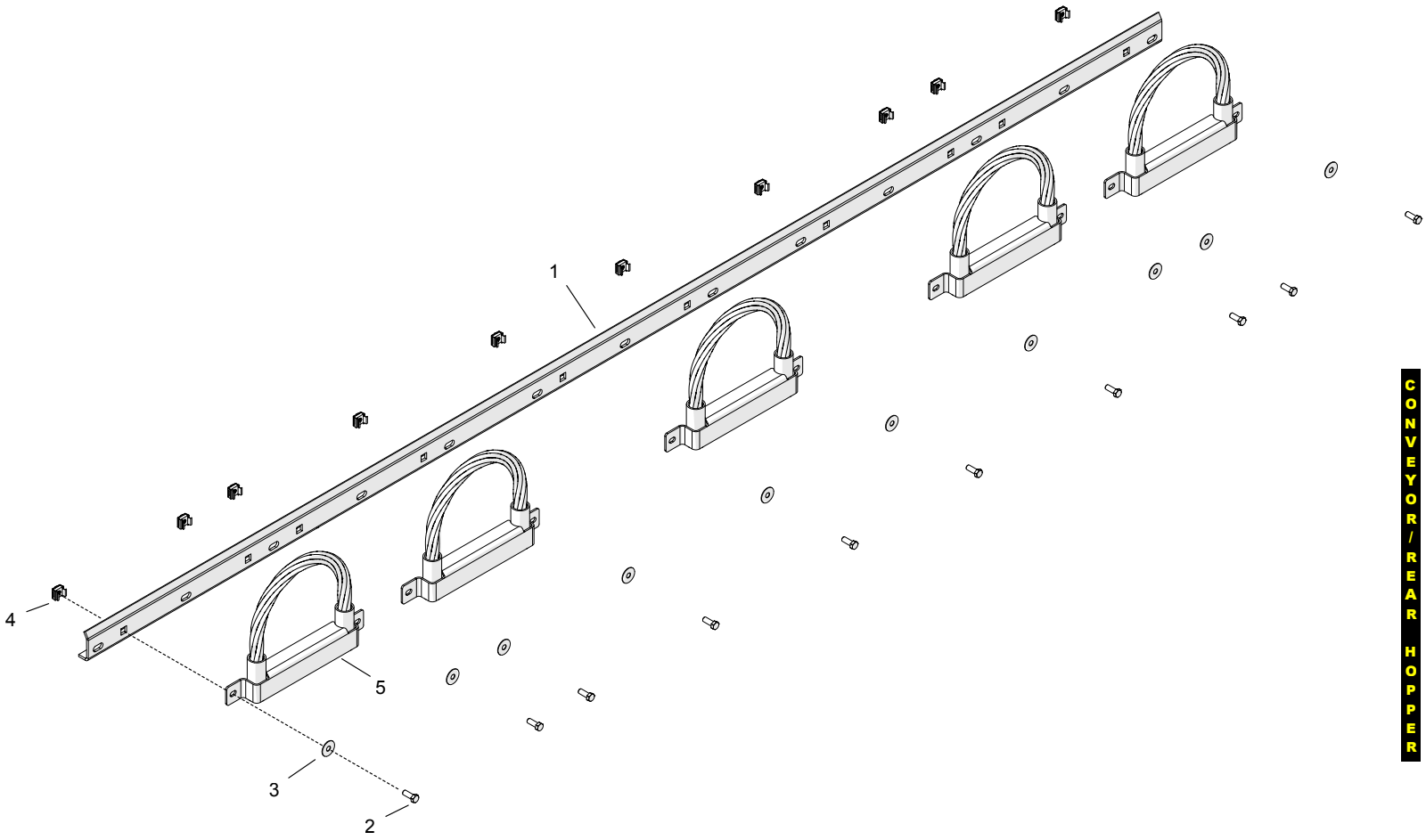


See Page 187a

REF	PART NO	QTY	DESCRIPTION
1	0120377	25	NUT-HEX,0.38NC,PD
2	0120388	25	WASHER-FLAT,SAE,STD,0.375
3	0180132	17	SCREW-HEX,0.38NCX2.25,GR5,PD
4	3130504	2	BRACKET-SKIRTBOARD MOUNT,SIDE
5	3130505	2	PLATE-SKIRTBOARD MOUNT
6	3130760	1	SKIRTBOARD-SIDE,BATWING,LH,'11
7	3130761	1	SKIRTBOARD-SIDE,BATWING,RH,'11
8	3130780	1	SKIRTBOARD-3/4 X 9 X 111
9	3130786	1	BRACKET-REAR SKIRTBOARD MT
10	3131093	1	BRACKET- FLASHING, REAR, WIRE

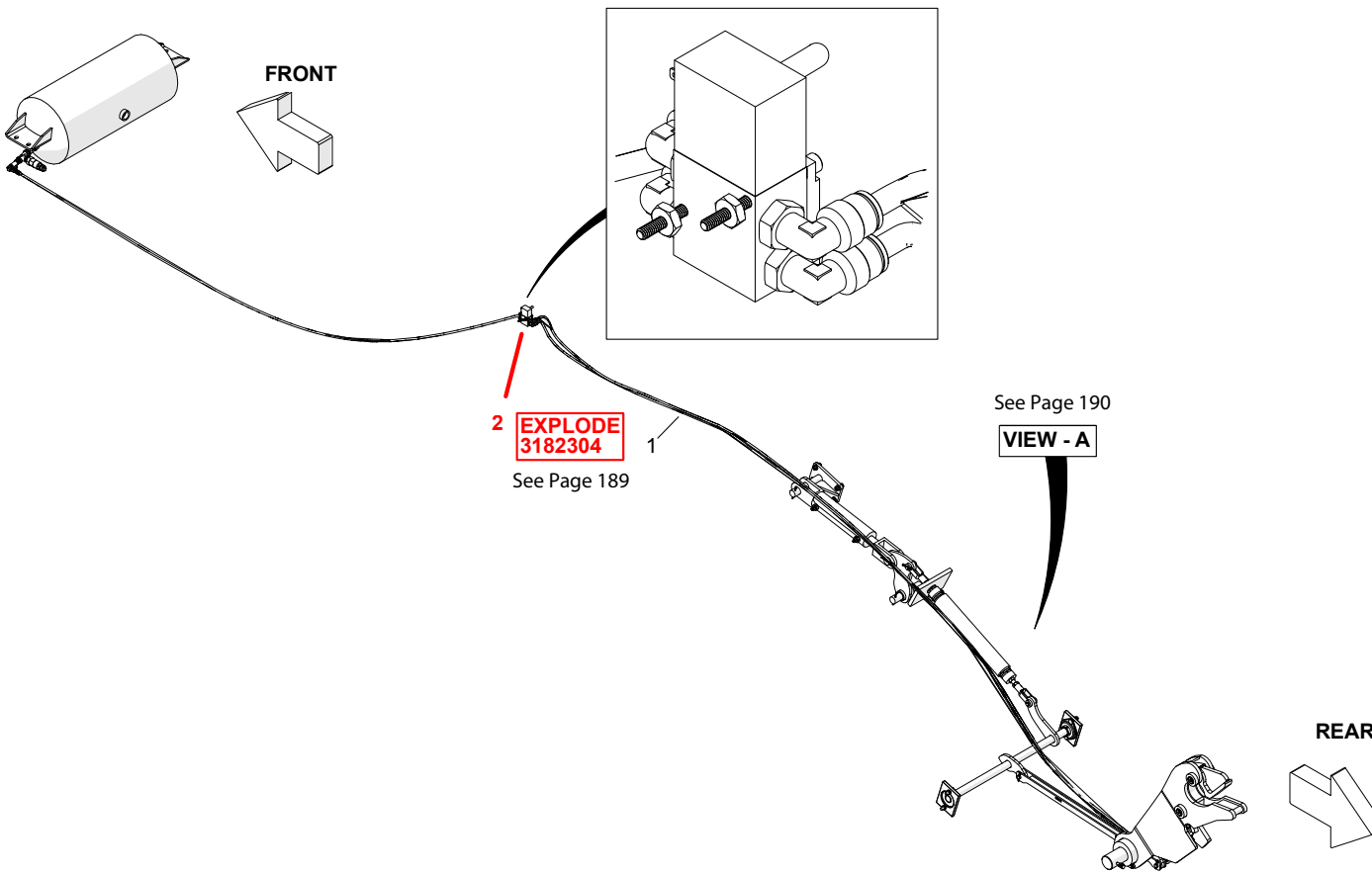
Wire Flashing Bracket

3131093



REF	PART NO	QTY	DESCRIPTION
1	3131099	1	BRACKET-REAR SKIRTBOARD,BIG
2	6001062	10	SCREW-HEX,0.38NCX1.00,GR8,PD
3	9417793	10	WASHER-FLAT,0.38(0.41X1.25),PD
4	6002906	10	NUT-SNAP IN,SQUARE,3/8"
5	3131097	5	BRACKET-WIRE FLASHING ASM

Hitch Linkage Group

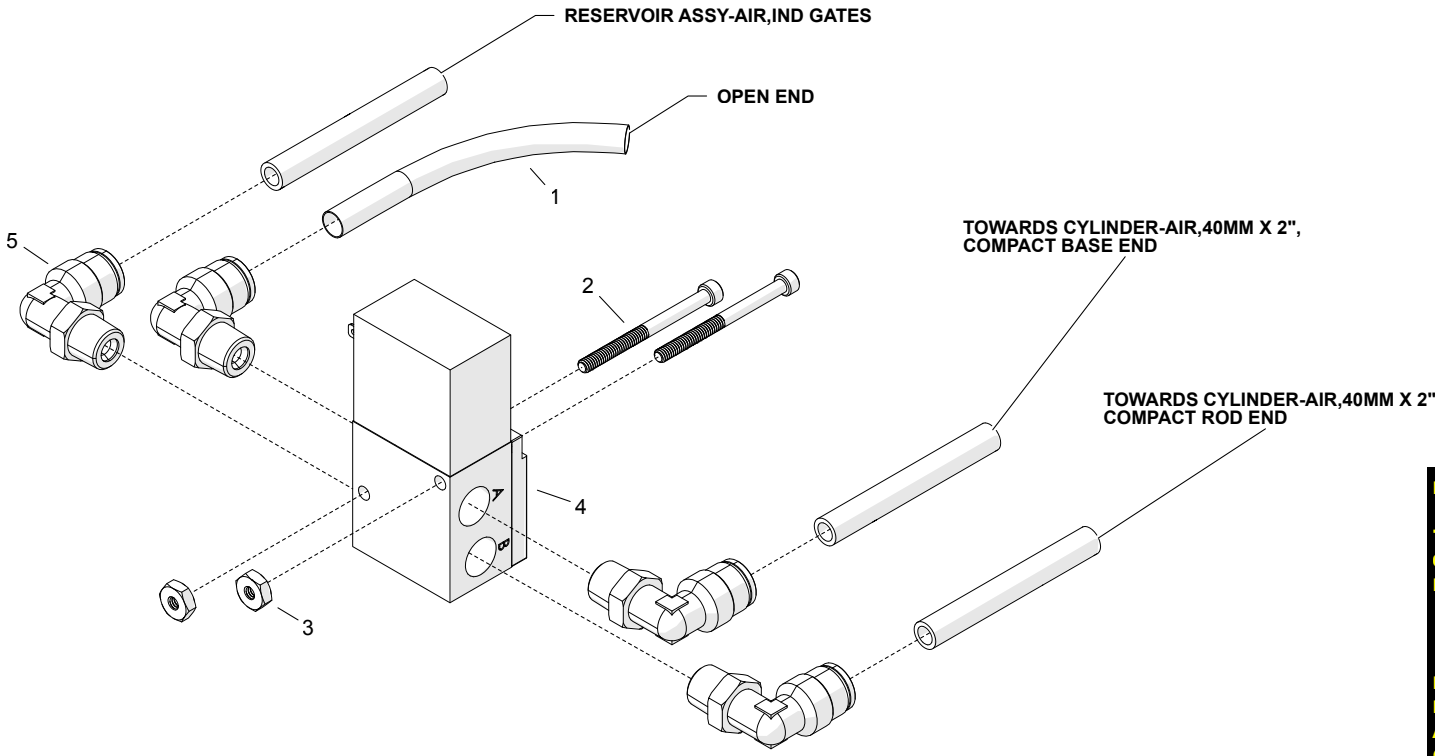


REF	PART NO	QTY	DESCRIPTION
1	Q444884	AR	TUBE-NYLON,AIR,0.25,SNS
2	3182304	1	AIR VALVE ASSY-HITCH RELEASE

AR = As Required

Hitch Release Air Valve Asm

3182304 - From *Hitch Linkage Group*

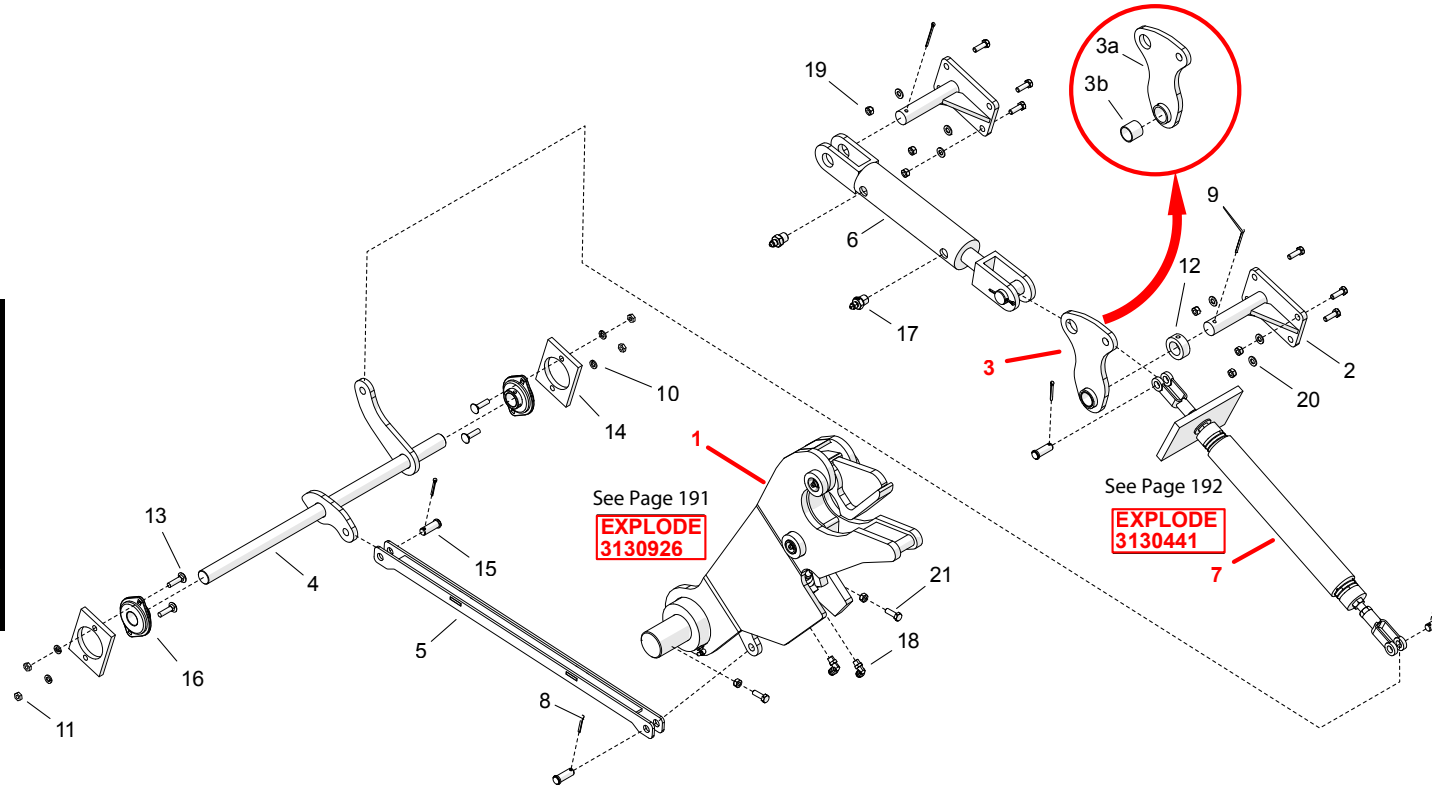


REF	PART NO	QTY	DESCRIPTION
1	Q444884	AR	TUBE-NYLON,AIR,0.25,SNS
2	6002255	2	SCREW-SOCK,5NCX1.5
3	6002256	2	NUT-HEX,5NC,PD
4	6602901	1	VALVE-AIR,SOL,4WAY-2POS
5	6603831	4	ADAPTER-ARBK,90,02MP-04T,PD

AR = As Required

Hitch Linkage Group

VIEW A

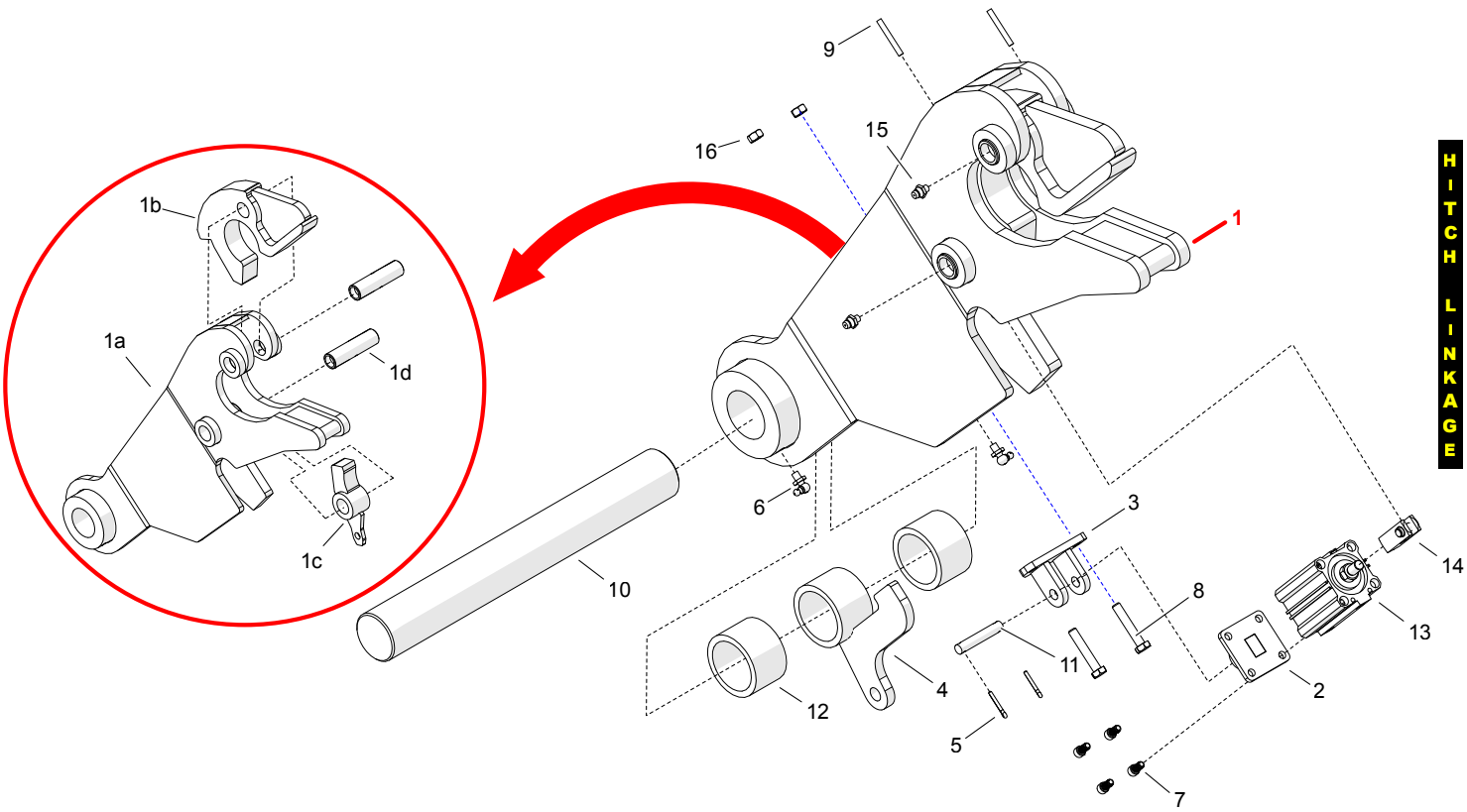


REF	PART NO	QTY	DESCRIPTION
1	3130926	1	HITCH ASM-REAR,STANDARD
2	3103133	2	MOUNT ASM-CYL.RR HITCH,HYDRO30
3	3103571	1	ARM-HITCH LINKAGE,SQUARE
3a	→3103572	1	ARM-HITCH LINKAGE MACHINED
3b	→6420194	1	BUSHING-DU,1.00X1.12X1.00LG.
4	3130924	1	LEVER-ACTUATOR,HITCH,HYDRO CS
5	3130998	1	LINKAGE BAR-HITCH
6	6604362	1	CYLINDER-HYD,2.5X6.0
6a	→7051444	1	REPAIR KIT
7	3130441	1	LINKAGE-HOOK CAR,HYDRO C.S.
8	0103386	4	PIN-COTTER,0.12X1.25,PD
9	0103389	2	PIN-COTTER,0.12X2.00,PD
10	0120214	4	WASHER-LOCK,0.31,SPRING,PD

REF	PART NO	QTY	DESCRIPTION
11	0120376	4	NUT-HEX,0.31NC,PD
12	3100061	1	COLLAR-RETAINER,SC-100,1INIDPO
13	3100619	4	BOLT-CAR,0.32NCX1.25,GR5
14	3130237	2	SPACER-BEARING MOUNTING
15	6001746	4	PIN-CLEVIS,1/2"X1-1/8"THROAT
16	6420106	2	FLANGE BRG-BALL,2 BLT,1.00STMP
17	6602751	2	ADAPTER-HYDR,ST,06MP-04MJ
18	6603831	2	ADAPTER-AIR,90,04TUBE-02MPX,PD
19	9411638	8	NUT-HEX,LOCK,0.31NC,EA,PD
20	0446363	6	WASHER-FLAT, SAE STD, 0.313
21	0180079	8	CAPSCREW-GR 5, 0.313 UNC X 1.00 LG

Standard Rear Hitch Asm

3130296 - From *VIEW A*

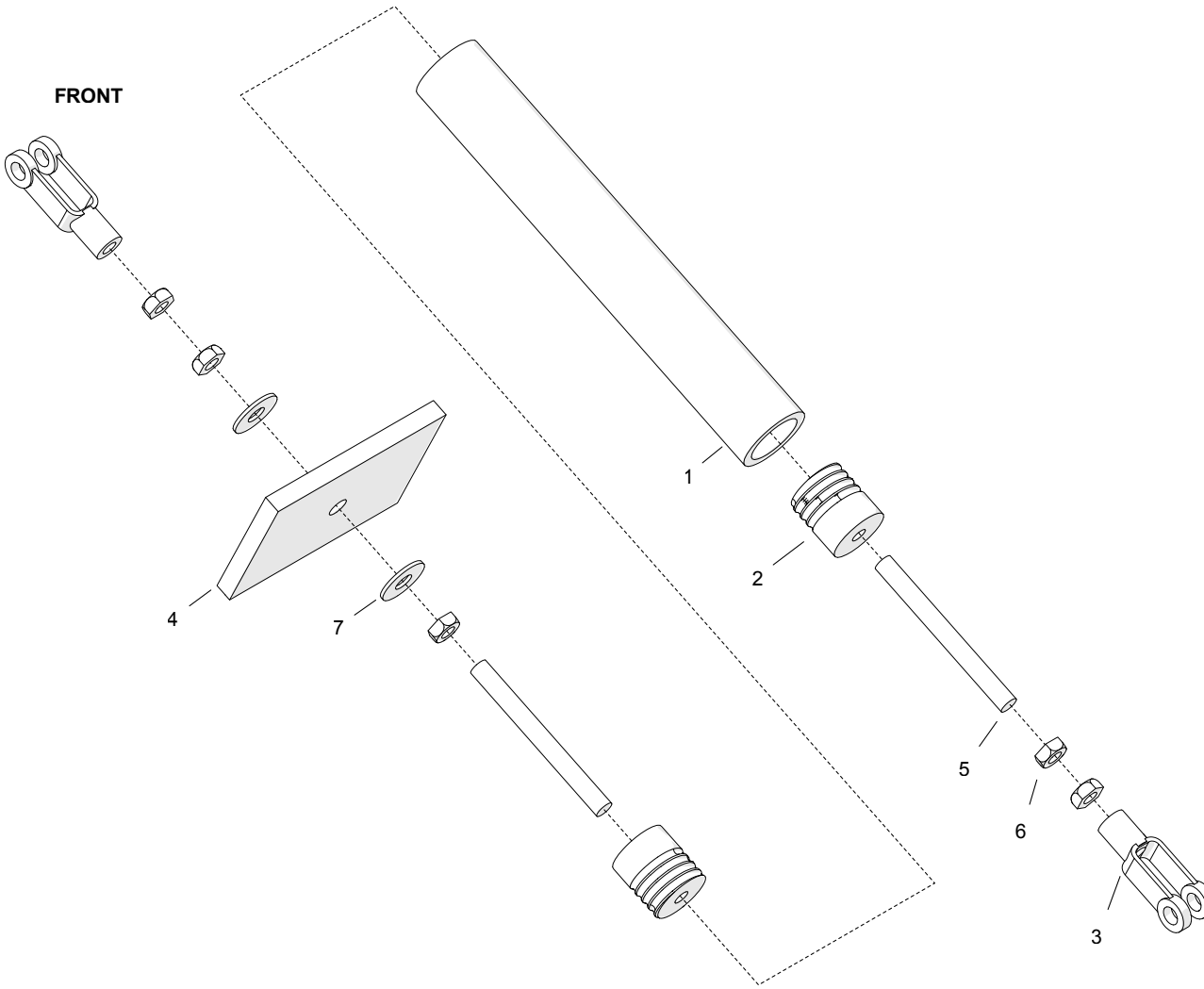


REF	PART NO	QTY	DESCRIPTION
1	3130923	1	HITCH SUB ASSEMBLY
1a	→3130922	1	BODY-CHIPS HITCH TRACTION
1b	→3130364	1	LATCH-LOCKING,
1c	→3130419	1	DOG-LATCH ACTUATING
1d	→3130007	2	SHAFT-LATCH
2	3103408	1	MOUNT-AIR CYL,HITCH RELEASE
3	3130907	1	MTG ASM-REAR CYL,HITCH RELEASE
4	3130905	1	ARM-LIFTING ASSY
5	0103384	2	PIN-COTTER,0.12X0.75,PD
6	0109462	2	ELBOW-LUBE,90,0.13PTFX0.84,PN
7	0120680	4	SCREW-SOCK,0.25NCX0.50,CUP,PN

REF	PART NO	QTY	DESCRIPTION
8	0180085	2	SCREW-HEX,0.31NCX1.75,GR5,PD
9	0457008	2	PIN-SPRING,0.19X1.50,HV,PN
10	3130004	1	SHAFT-HITCH PIVOT
11	3130773	1	PIN-HITCH RELEASE,AIR CYL
12	3130902	2	HUB-ARM ASM,TRACTION BOOST
13	6604230	1	CYLINDER-AIR,40MM X 2",COMPACT
13a	→7051445	1	SEAL KIT
14	6604231	1	CLEVIS-ROD,3/8-24,5/16 JAW
15	9411027	2	FITTING-LUB,STGT X 1/4 TYP C
16	9411638	2	NUT-HEX,LOCK,0.31NC,EA,PD

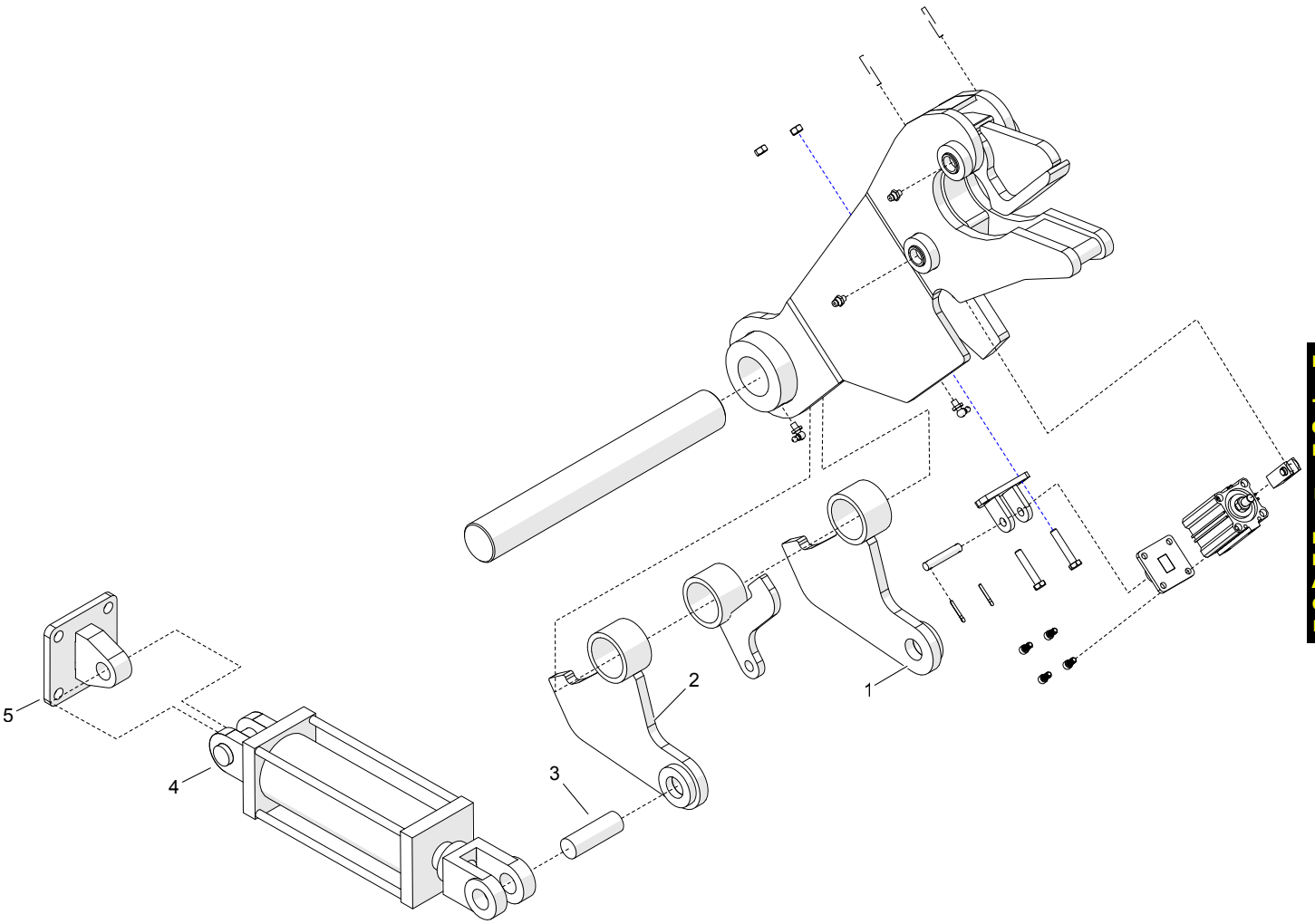
Hook Linkage

3130441 - From *VIEW A*



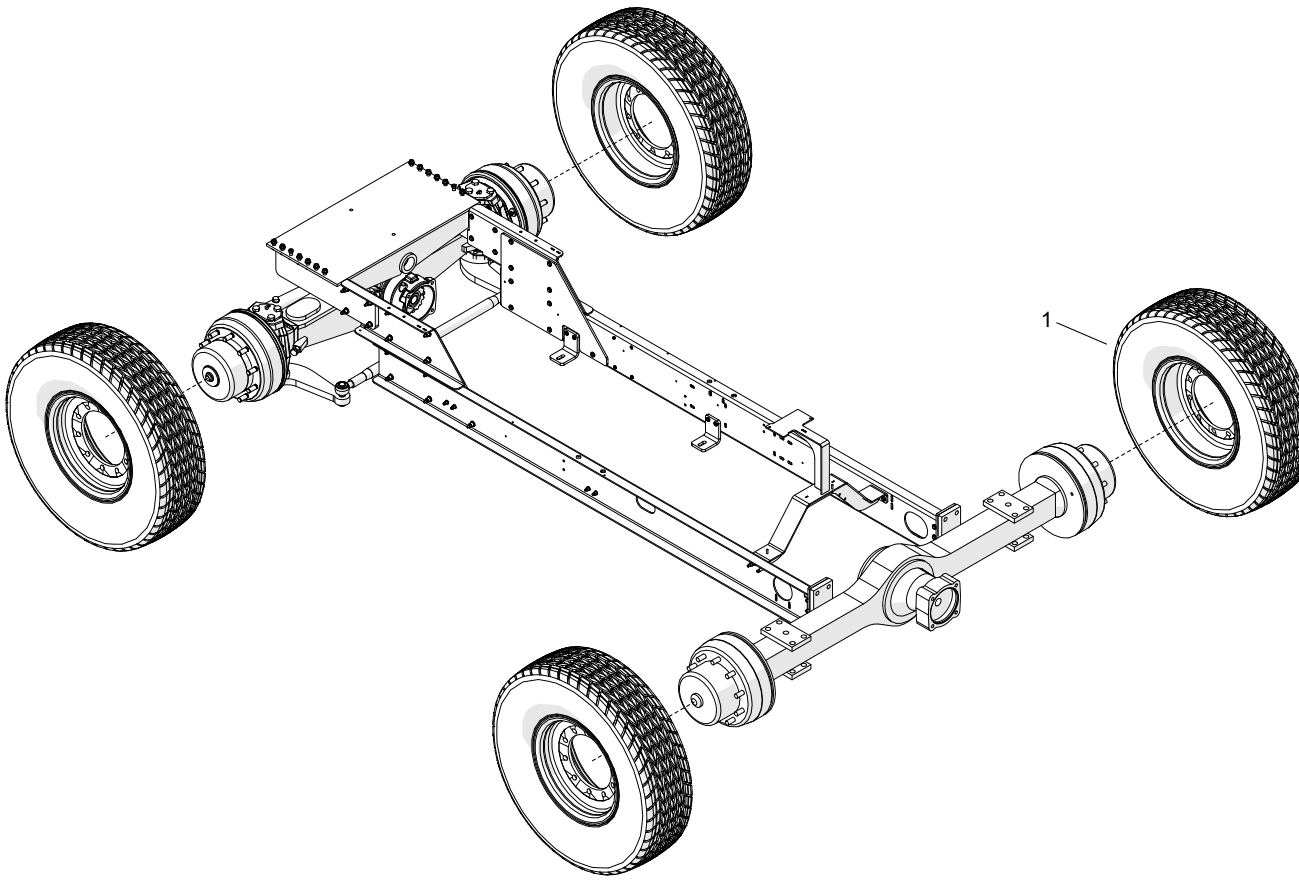
REF	PART NO	QTY	DESCRIPTION
1	3100078	1	SPRG-EXT.1.5 IDX13 LG NO LOOPS
2	3130059	2	SCREW-THD. SPRING
3	3140117	2	CLEVIS-1/2
4	3150665	1	BUMPER-HITCH LINKAGE
5	3310440	2	ROD CONN,HYDRO C.S.
6	0120238	5	NUT-HEX,JAM,0.50NC,PD
7	0120390	2	WASHER-FLAT,0.50A,W.PD

Traction Boost Setup



REF	PART NO	QTY	DESCRIPTION
1	3130900	1	ARM ASM-RH,TRACTION BOOST
2	3130901	1	ARM ASM-LH,TRACTION BOOST
3	6604231	1	CLEVIS-ROD,3/8-24,5/16 JAW
4	6604357	1	CYLINDER-HYD, 3X6, 2500PSI, SIDE, TRACTION BOOST
5	3103408	1	MOUNT-AIR CYL,HITCH RELEASE

Tires - 385/65R x 22.5 (J)



REF	PART NO	QTY	DESCRIPTION
1	3111766	4	WHL+TIRE ASM-385/65R,ISO
1	3111789	4	WHL + TIRE ASM-385/65R, HANKOOK
1	3105201	4	WHL + TIRE ASM-385/65R, BRIDGESTONE