

Model 2970S
Sidehill Leveling System
Parts Manual

SN 2970S-1014 thru 2970S-1034

D-050823ADL01B



2970S Sidehill Leveling System
for 9650, 9660, 9750, 9760 and 9860 STS Combines

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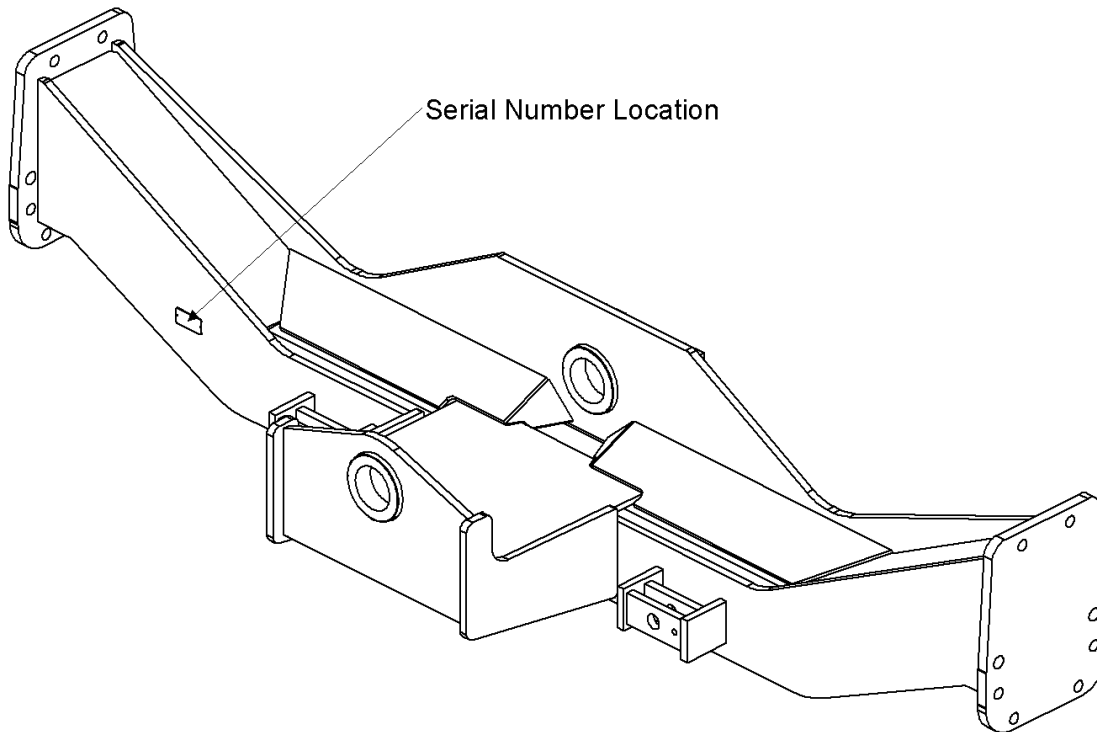
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1 GENERAL INFORMATION

SERIAL NUMBER LOCATION



TEXT FORMAT AND ILLUSTRATIONS

The arrangement of this parts catalog is for easy identification of parts. All parts are illustrated in exploded views in proper relation to each other. Some diagrams refer to other pages for further information. Reference numbers used in the illustrations refer to line numbers in the part lists. The part lists appear to the right of all diagrams and correspond with those diagrams. Included in the part lists, along with the reference numbers are part numbers, part descriptions and the quantity of the part required per leveling system.

ABBREVIATIONS

SN "Serial Number" The four digits shown in the SN column refer to the last four digits in the Hillco serial number. Each Model 2970S system uses the following format: 2970S-XXXX (sequential numbers).

ASM "Assembly" refers to a whole grouping of parts (usually shown in the diagram corresponding with the page where "ASM" is shown).

NS "Not Shown" refers to a part that is not depicted in the illustration.

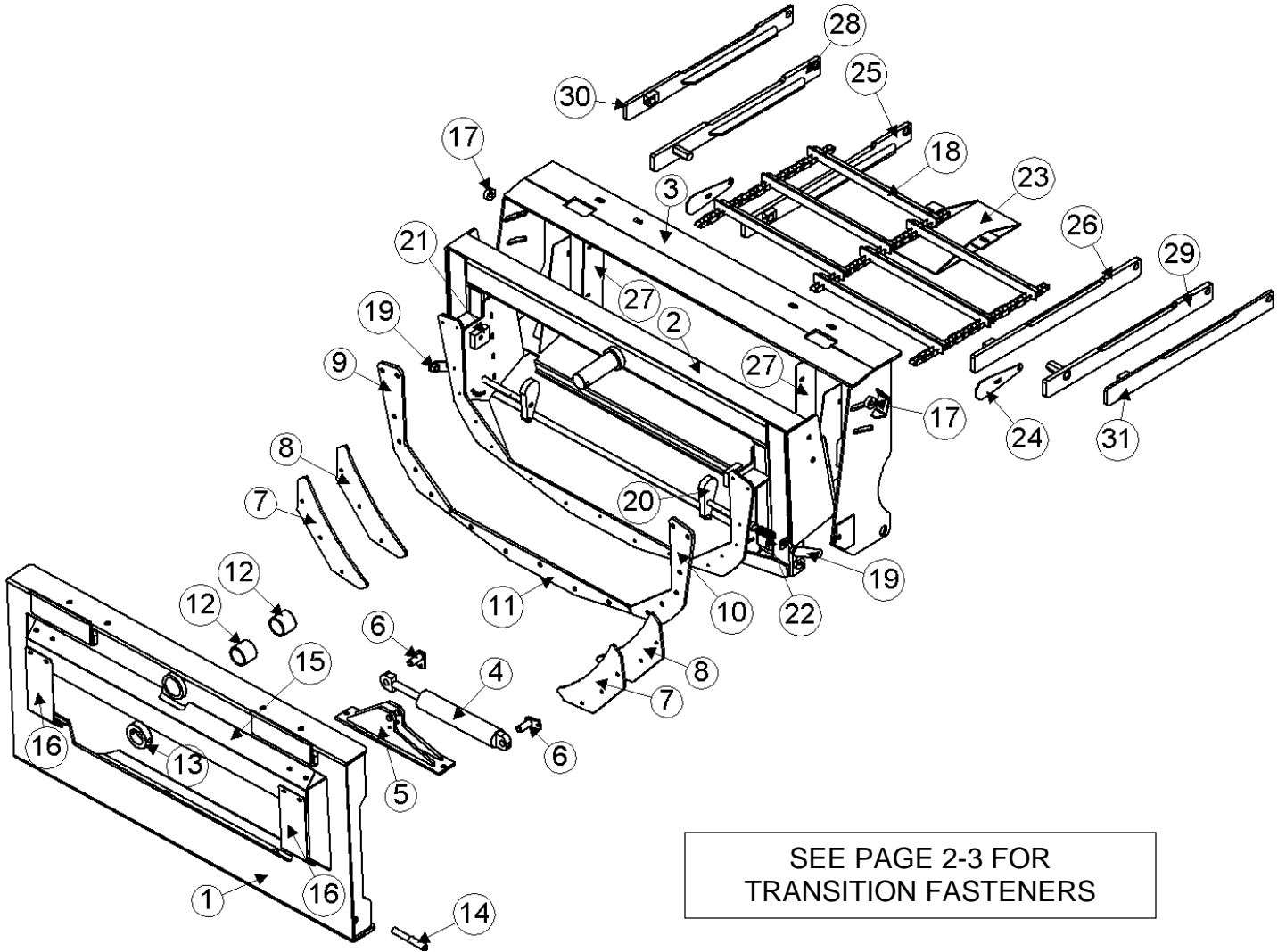
RIGHT AND LEFT IDENTIFICATION

The reference to right-hand and left-hand in this catalog is identified by the operator standing at the rear of the machine looking toward the front of the machine (in normal forward travel).

PARTS ORDERS

Orders must specify product model, serial number, correct part number, complete description, quantity required, method of shipment, shipping address, and billing address.

2 TRANSITION



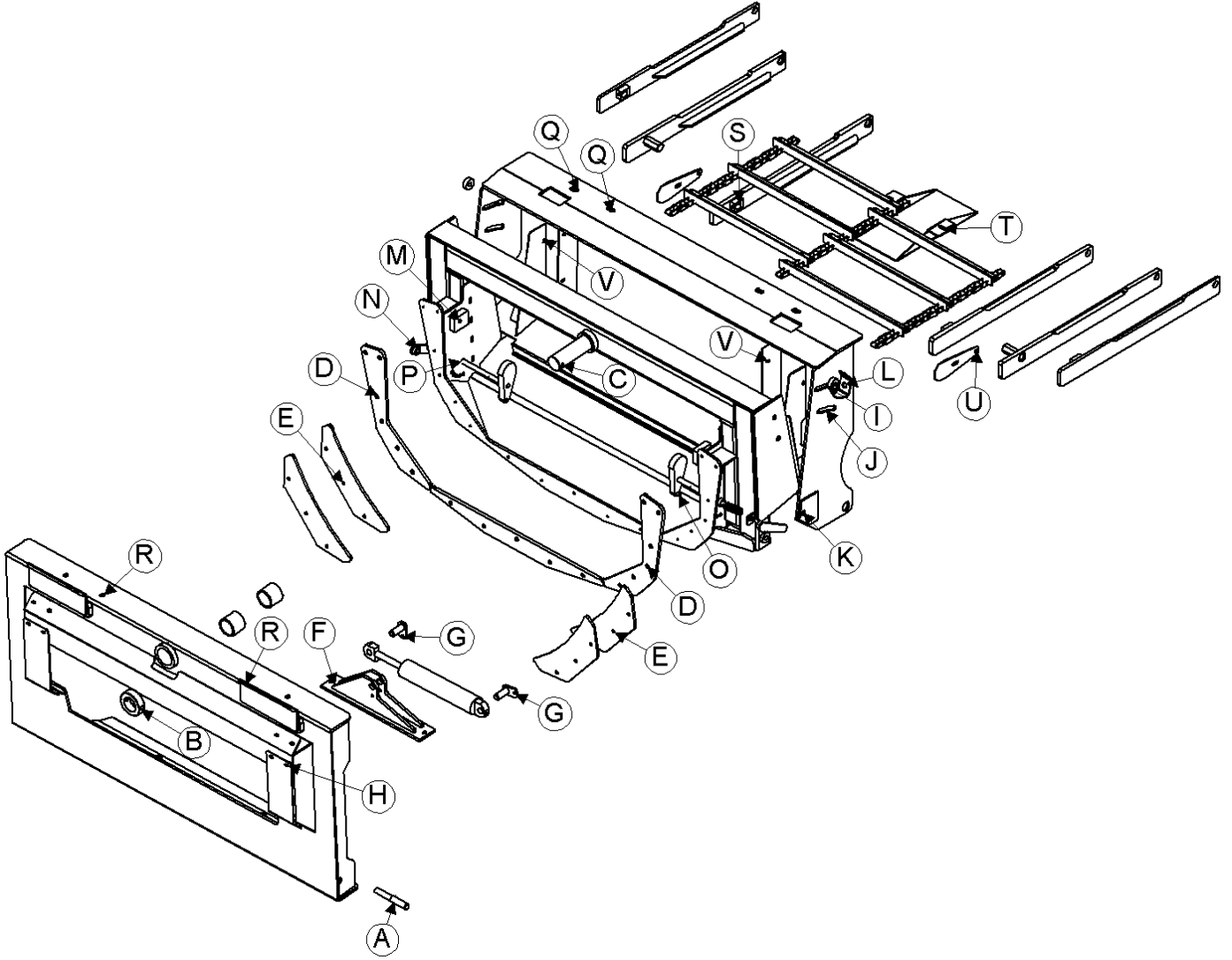
SEE PAGE 2-3 FOR
TRANSITION FASTENERS

Model 2970S Hillco Leveling System
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TRANSITION COMPONENTS				
REF.	PART NO.	QTY.	PART NAME	NOTES
1	LA-250162	1	TA ASM	
2	LA-250242	1	TT ASM, FRONT	
3	LA-250402	1	TT ASM, REAR	
4	HC-138581	1	CYLINDER, SLAVE	**SEE HYDRAULIC PAGE 6-2
5	LA-250712	1	TM ASM, SLV CYL ROD MNT	
6	LA-253882	2	LM ASM, PIN	
7	LP-250551	2	TM UHMW, BACKING WEARPAD	
8	LM-250541	2	TM PLT, BACKING	
9	LM-250571	1	TM UHMW, RIGHT WEARPAD	
10	LM-250561	1	TM UHMW, LEFT WEARPAD	
11	LM-250581	1	TM UHMW, BOTTOM WEARPAD	
12	LTP-241721	2	BUSHING, PIVOT	
13	LM-226841	1	TM COLLAR, PIVOT	
14	LM-229192	2	TM ROD, LOCK	
NS	MC-135531	2	TM SPRING, LOCK PIN	
15	LP-250521	1	TM PLT, TOP SHIELD	
16	LM-250532	2	TM PLT, LEFT & RIGHT SHIELD	
17	LM-250591	2	TM RND, EYEBOLT SPACER	
18	LM-251891	1	FEEDER CHAIN	
NS	MC-141331	6	CONNECTING LINK, JD HD CHAIN	
NS	MC-142251	3	OFFSET LINK, JD HD FEEDER CHAIN	
NS	MC-142261	1	S-WIRE KEEPER PINS, JD HD FEEDER CHAIN (PKG OF 6)	
19	LA-256161	2	TM ASM, HANDLE ADJUSTER	
20	LA-256141	2	TM ASM, LOWER CAM ADJUSTER	
21	LM-255592	2	BAR, UPPER STOP BLOCK	
22	MC-142181	2	SPRING, COMPRESSION	
23	LP-258201	1	SHIELD,TT HOSES	
24	LP-258241	2	PLATE COVER, JD'S ADJUSTER	
OPTIONAL FOR 50 SERIES COMBINES ONLY				
25	LA-256371	1	TM ARM ASM, FEEDER DRUM RHT	
26	LA-256361	1	TM ARM ASM, FEEDER DRUM LFT	
OPTIONAL FOR 50 SERIES COMBINES WITH CONTOUR MASTER				
27	LP-251561	2	TM PLT, FILLER	
NS	LM-254781	1	LM FLAT, CM BAR	REPLACES CM CYLINDER
NS	LM-252171	2	TM FLT, FILLER	
OPTIONAL FOR 60 SERIES COMBINES WITH CONTOUR MASTER				
NS	LM-254781	1	LM FLAT, CM BAR	REPLACES CM CYLINDER
NS	LP-254791	2	LM PLT, FILLER	FLOOR FILLER PLATES
FOR ALL EARLY 60 SERIES COMBINES WHICH FALL BETWEEN THE FOLLOWING SERIAL NUMBER BREAKS: 9760STS (-711234); 9660STS (-711338); 9860STS (-710901)				
28	LA-255681	1	TM ARM ASM, FEEDER DRUM RHT	
29	LA-255671	1	TM ARM ASM, FEEDER DRUM LFT	
FOR ALL LATE 60 SERIES COMBINES WHICH FALL BETWEEN THE FOLLOWING SERIAL NUMBER BREAKS: 9760STS (711234-); 9660STS (711338-); 9860STS (710901)				
30	LA-256101	1	TM ARM ASM, FEEDER DRUM RHT	
31	LA-256091	1	TM ARM ASM, FEEDER DRUM LFT	

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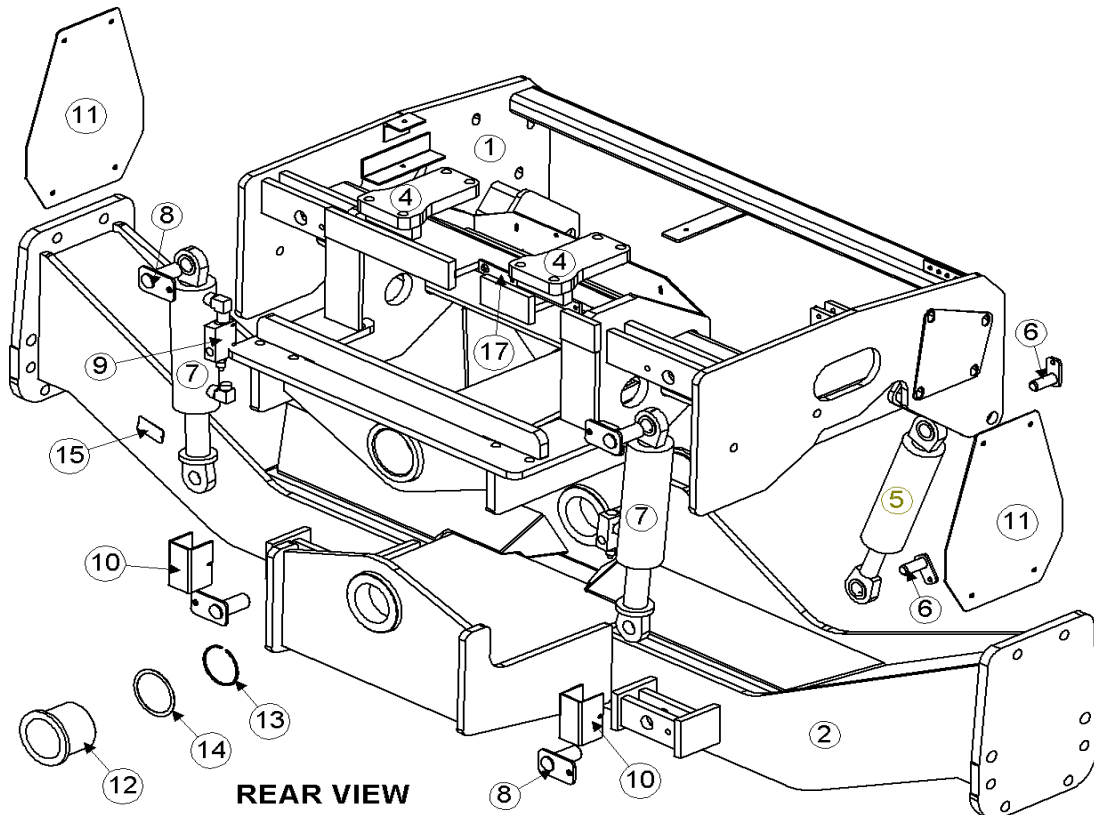
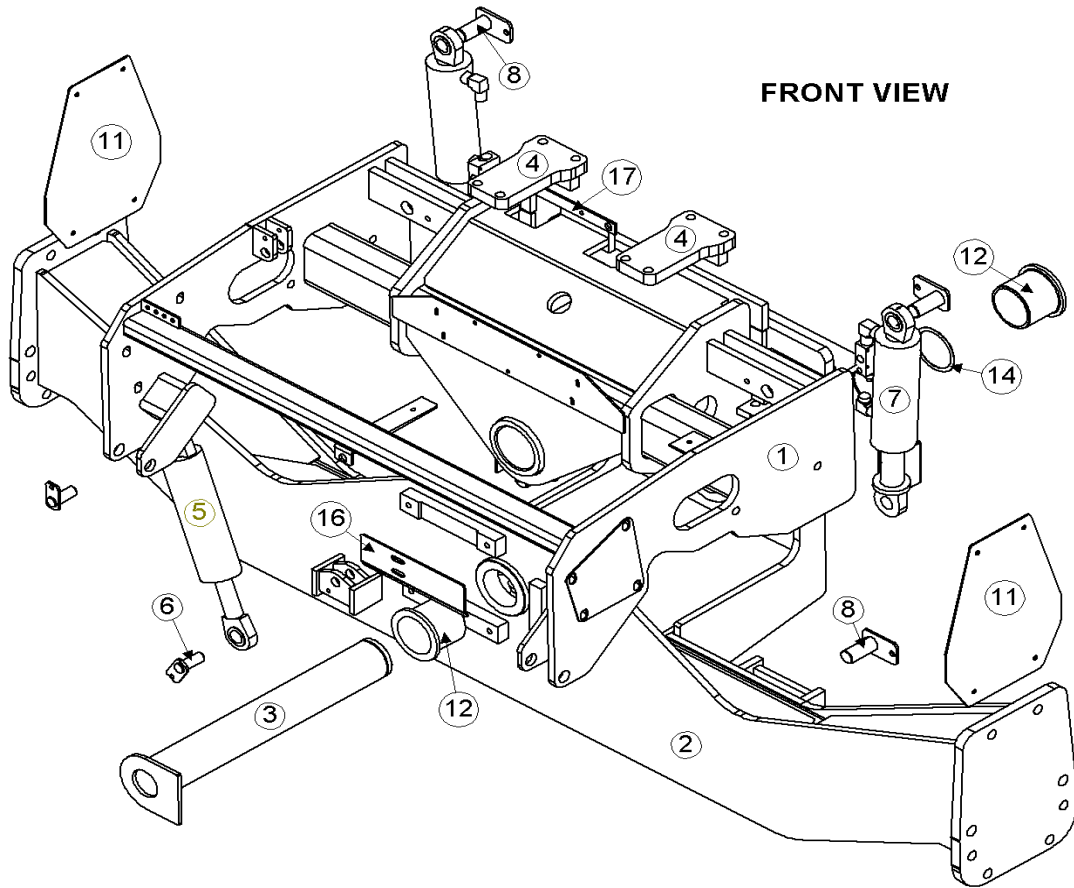
TRANSITION FASTENERS



Model 2970S Hillco Leveling System
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TRANSITION FASTENERS				
REF.	PART NO.	QTY.	PART NAME	WHERE USED
A	F-HC-10M070E	2	HC-10.9 M10 X 1.5 X 70 PLT	HEADER LOCK PINS
B	F-HC-16M120E	1	HC-10.9 M16 X 2.00 X 120 PLT	MAIN PIVOT PIN COLLAR
B	F-HNS-16ME	1	HN-10.9 M16 X 2.00 STOVER PLT	MAIN PIVOT PIN COLLAR
C	F-MB-14NR40	4	MACH BUSH 14 GA NR 2-1/2 ID	MAIN PIVOT PIN
D	F-FHS-8M030E	17	FHSC-10.9 M8 X 1.25 X 30 PLT	UHMW FACE PLT
D	F-HNS-8ME	17	HN-10.9 M8 X 1.25 STOVER PLT	UHMW FACE PLT
E	F-HCF-12M040E	6	FLHC-10.9 M12 X 1.75 X 40 PLT	BACKING PLATES
F	F-HNF-16ME	2	FLHN-10.9 M16 X 2.00 PLT	SL CYL ROD MNT
F	F-HCF-16M040E	2	FLHC-10.9 M16 X 2.00 X 40 PLT	SL CYL ROD MNT
G	F-HCF-10M020E	2	FLHC-10.9 M10 X 1.50 X 20 PLT	SLAVE CYL MNT PIN
H	F-HCF-8M020E	12	FLHC- 10.9 M8 X 1.25 X 20 PLT	SHIELDS
H	F-HNF-08ME	12	FLHN-10.9 M8 X 1.25 PLT	SHIELDS
I	F-HCF-16M070E	2	FLHC-10.9 M16 X 2.00 X 70 PLT	UPPER SLOT W/ EYEBOLT
J	F-HCF-16M040E	2	FLHC-10.9 M16 X 2.00 X 40 PLT	LOWER SLOT
K	F-HCF-20M060E	2	FLHC-10.9 M20 X 2.50 X 60 PLT	PVT BOLTS
L	F-EYB-16M150F	2	EYEBOLT M16 X 2.00 X 150	
L	F-HNF-16ME	4	FLHN-10.9 M16 X 2.00 PLT	EYEBOLT
M	F-HC-16M030E	2	HC-10.9 M16 X 2.00 X 30 PLT	UPPER STOP
M	F-HNF-16ME	2	FLHN-10.9 M16 X 2.00 PLT	UPPER STOP
N	F-PR-04X20	4	PIN, ROLL 1/4 X 1-1/4	CAM ADJUSTER HANDLE
O	F-PH-#11	2	CLIP, HITCH PIN	CAM ADJUSTER
P	F-FWH-12	2	FW, HD 3/4	CAM ADJUSTER SHAFT
Q	F-HCF-16M040E	4	FLHC-10.9 M16 X 2.00 X 40 PLT	TRANSITION MNT
R	F-HNF-16ME	4	FLHN-10.9 M16 X 2.00 NUT	HEADER TOP SPACER PLATES
S	F-PCT-02X16	2	PIN COTTER 1/8 X 1	PINS FOR FEEDER DRUM ARMS
T	F-HCF-12M040E	2	FLHC-10.9 M12 X 1.75 X 40 PLT	HOSE SHIELD
U	F-CB-12M025F	2	CARR-8.8 M12 X 1.75 X 25 PLT	ADJUSTER COVER PLATE
FOR 50 SERIES COMBINES WITH CONTOUR MASTER				
V	F-HCF-8M030F	4	FLHC-8.8 M8 X 1.25 X 30 PLT	SIDE FILLER PLATES
V	F-HNF-08ME	4	FLHN-10.9 M8 X 1.25 PLT	SIDE FILLER PLATES
FOR 50 & 60 SERIES COMBINES WITH CONTOUR MASTER				
NS	F-HCF-8M020E	4	FLHC- 10.9 M8 X 1.25 X 20 PLT	FLOOR FILLER PLATES
NS	F-HNF-08ME	4	FLHN - 10.9 M8 X 1.25 PLT	FLOOR FILLER PLATES

3 CARRIAGE

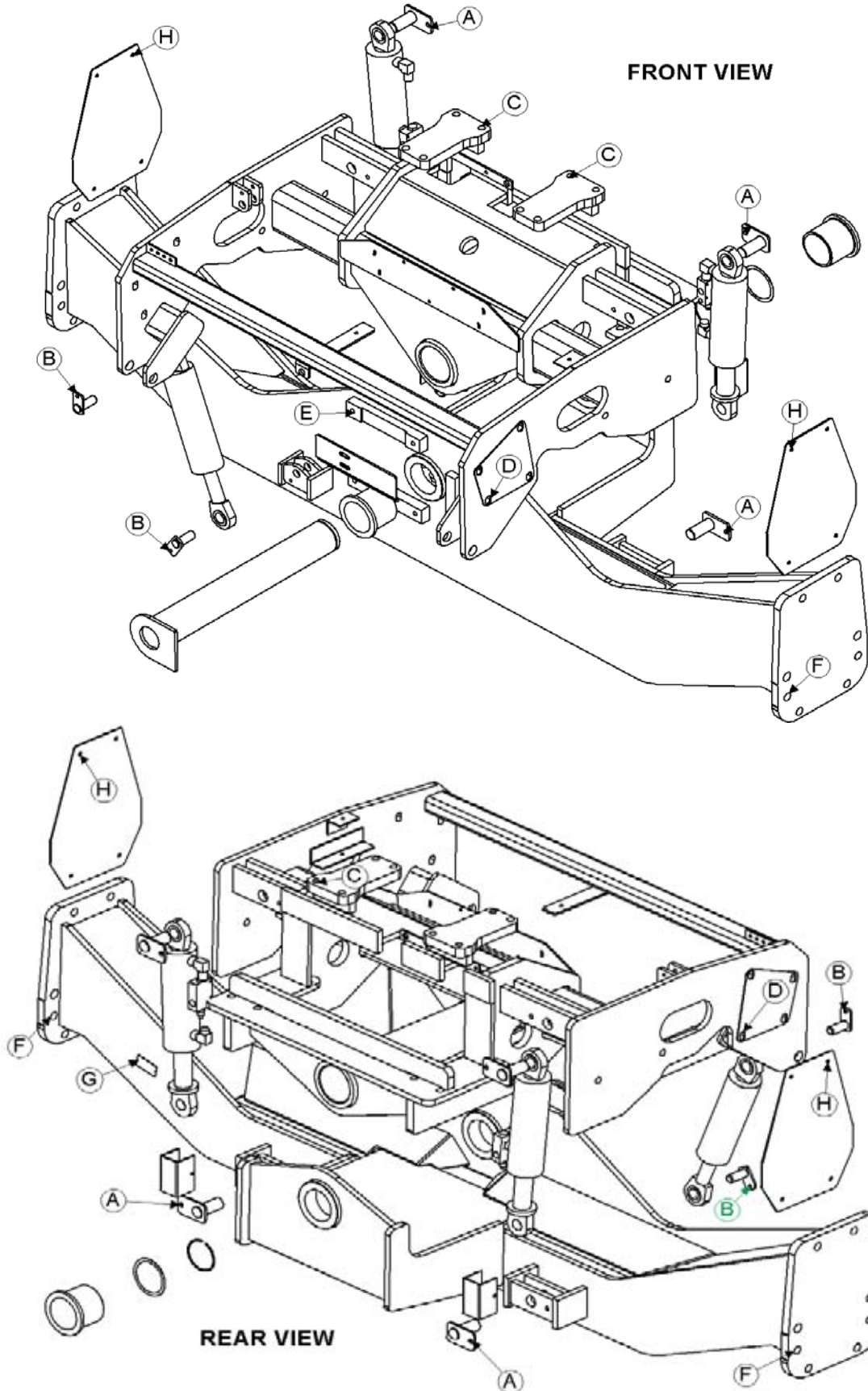


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CARRIAGE COMPONENTS				
REF.	PART NO.	QTY.	PART NAME	NOTES
1	LA-247283	1	CO ASM	
2	LA-247092	1	CU ASM	
3	LA-247481	1	CM ASM, MAIN PVT PIN	
4	LA-235711	2	CM PLATE ASM, TOP	
5	HC-140341	1	CYLINDER, MASTER	**SEE HYDRAULICS PAGE 6-2
6	LA-253882	2	LM ASM, PIN	
7	HC-140312	2	CYLINDER, MAIN LEVELING	**SEE HYDRAULICS PAGE 6-2
8	LA-230552	4	CM PIN ASM, MAIN CYLINDER	
9	HC-138901	2	VALVE, COUNTER BALANCE	**SEE HYDRAULICS PAGE 6-2
10	LP-252241	2	LM PLT, CYL STOP	
11	LP-230241	2	CM CAP, AXLE	
12	LP-247961	2	CM BUSHING, PIVOT	
13	MC-138651	1	SNAP RING 4"	
14	MC-138641	1-4	WASHER 4.016ID X 4.764OD X .048	
15	LA-255961	1	TAG, SERIAL NUMBER	
16	LP-258221	1	SHIELD, SHIFT CABLE	
17	LM-248781	1	LM FLT, BRAKELINE BRKT	

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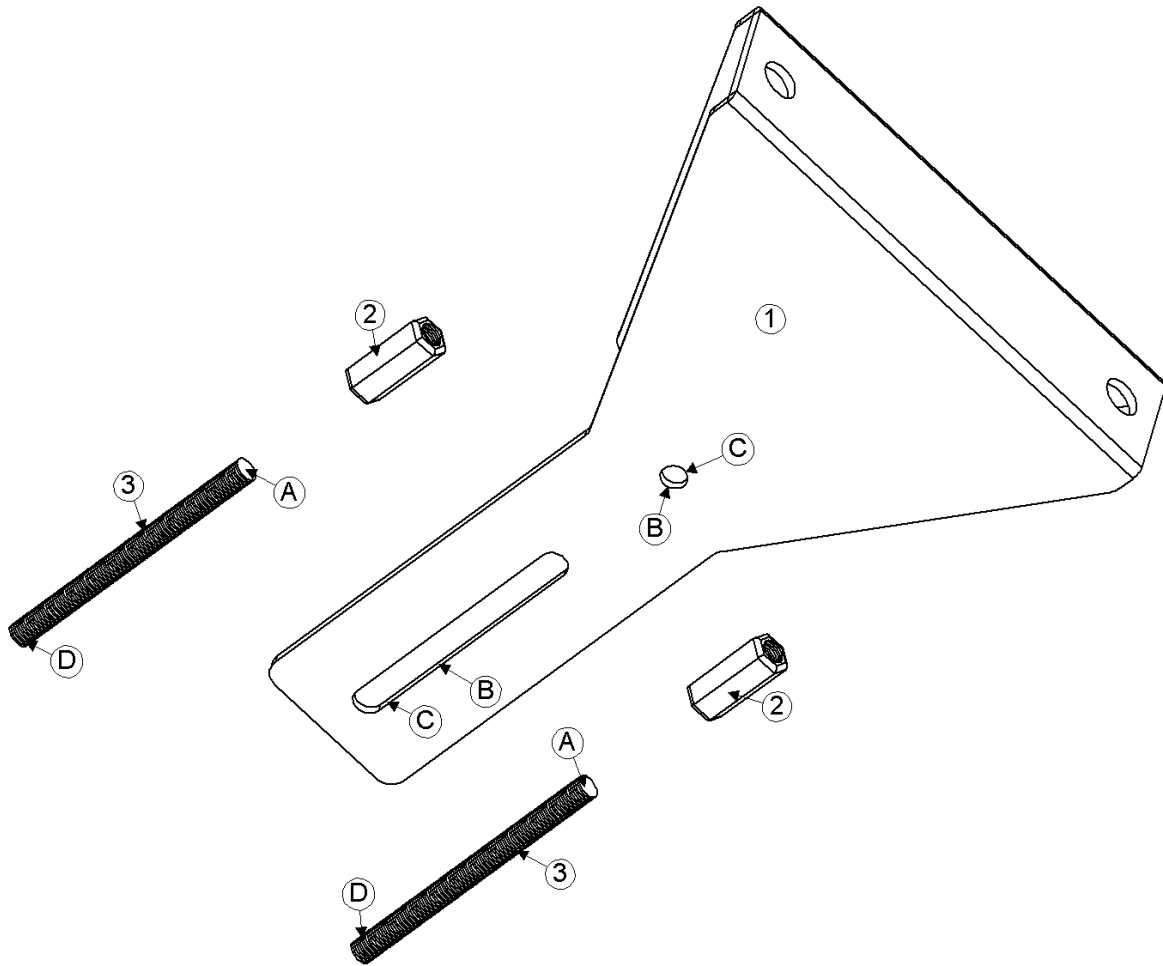
CARRIAGE FASTENERS



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CARRIAGE FASTENERS				
REF.	PART NO.	QTY.	PART NAME	WHERE USED
A	F-HCF-12M040F	4	FLHC-8.8 M12 X 1.75 X 40 PLT	LEVELING CYL MNT PIN
A	F-HNS-12ME	4	HN-10.9 M12 X 1.75 STOVER PLT	LEVELING CYL MNT PIN
B	F-HCF-10M035E	2	FLHC-10.9 M10 X 1.50 X 35 PLT	MASTER CYL MNT PIN
B	F-HNS-10ME	2	HN-10.9 M10 X 1.5 STOVER PLT	MASTER CYL MNT PIN
C	F-HC8-12C240	8	HC8 3/4-10 X 15 PLT	OVERCARRIAGE CLAMP
C	F-HNS-12C	8	HN8 3/4-10 STOVER PLT	OVERCARRIAGE CLAMP
D	F-HC-16M110E	8	HC-10.9 M16 X 2.00 X 110 PLT	OVERCARRIAGE FRONT
D	F-FWH-10	8	FW 5/8 HD PLT	OVERCARRIAGE FRONT
E	F-HCF-16M055E	4	FLHC-10.9 M16 X 2.00 X 55 PLT	TRANSMISSION
F	F-SHC-24M080E	4	SHCS 10.9-M24 X 3 X 80 ZINC PLT	FINAL MOUNT
G	F-UDS-#7X06	2	SCREW, U-DRIVE #7 X 3/8	SERIAL NUMBER PLATE
H	F-HCF-10M040F	8	FLHC-8.8 M10 X 1.50 X 40 PLT	ORIGINAL AXLE COVER
H	F-HNF-10MF	8	FLHN-8.8 M10 X 1.50 PLT	ORIGINAL AXLE COVER
H	F-FWF-06020	8	3/8 FW FENDER X 1-1/4 PLT	ORIGINAL AXLE COVER
NS	F-UDS-#4X03	2	SCREW, U-DRIVE #4 X 3/16	HYDRO MOTOR PART # TAG

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EMERGENCY BRAKE EXTENSION

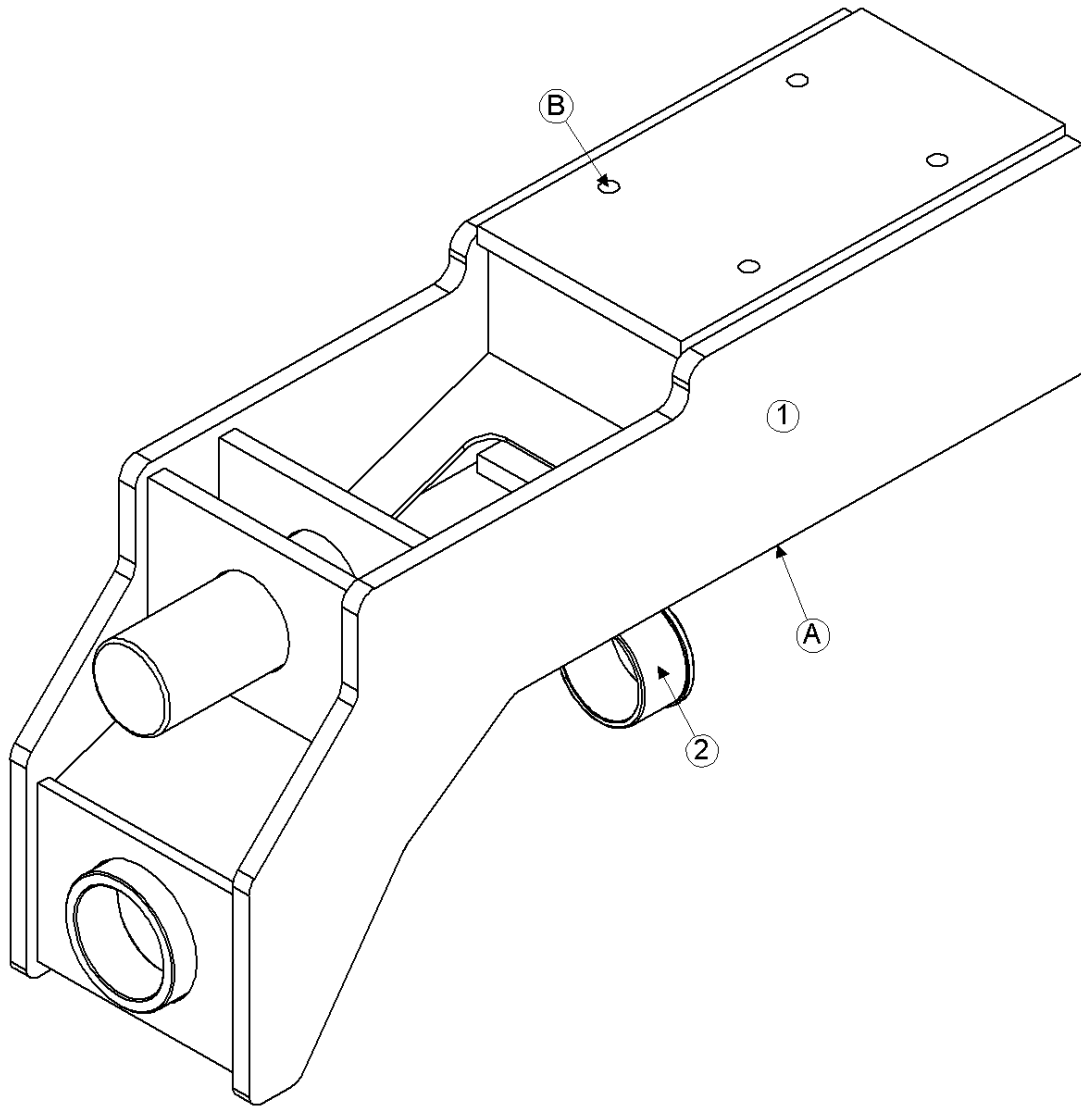


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EMERGENCY BRAKE EXTENSION COMPONENTS				
REF.	PART NO.	QTY.	PART NAME	NOTES
1	LM-255541	1	E-BRAKE EXTENSION, BRACKET	
2	LM-255551	2	EXTENSION,E-BRAKE CABLE	
3	LM-255561	2	NUT, EXTENSION E-BRAKE CABLE	
EMERGENCY BRAKE EXTENSION FASTENERS				
REF.	PART NO.	QTY.	PART NAME	WHERE USED
A	F-HNJ-08ME	4	HN-10.9 M8X1.25, JAM	NUT, E-BRAKE EXTESION
B	F-FW-05	2	FW 5/16	FLAT WASHER, BRAKE BRACKET
C	F-PCT-02X16	2	PIN COTTER 1/8 X 1	PINS FOR BRAKE BRACKET
D	F-HNN-8MF	2	HN-8.8 M8X1.25 NYLOCK PLT	NUT, FOR BRAKE CABLE

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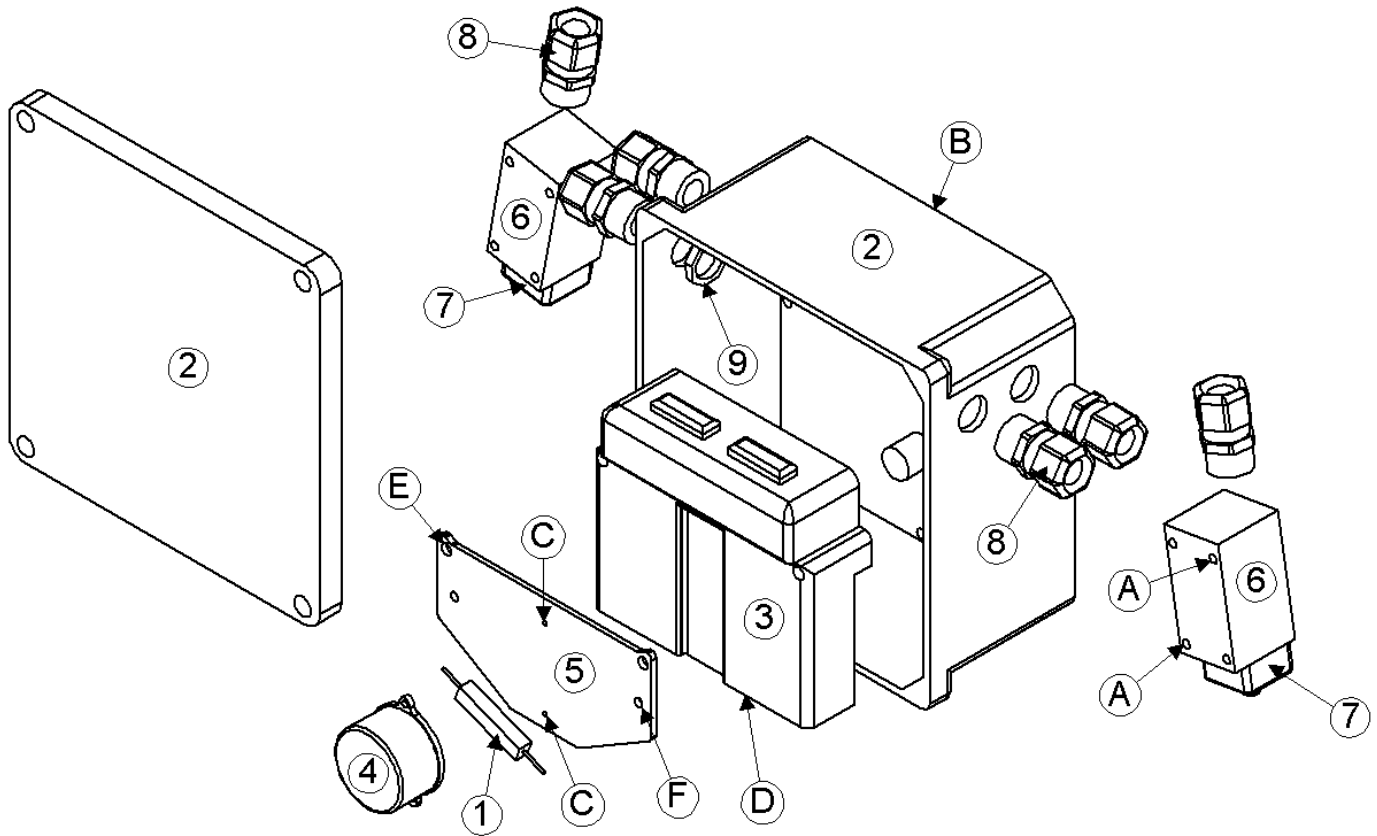
4 ***DROP AXLE***



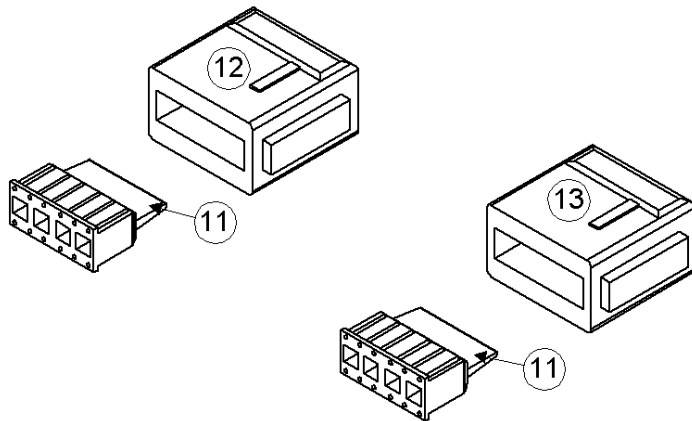
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DROP AXLE COMPONENTS				
REF.	PART NO.	QTY.	PART NAME	DESCRIPTION
1	LA-246701	1	DA ASM	
2	LP-235092	1	LM BUSHING, DA PIVOT	
DROP AXLE FASTENERS				
REF.	PART NO.	QTY.	PART NAME	WHERE USED
A	F-HC-16M250E	4	HC-10.9 M16 X 2.00 X 250 PLT	DROP AXLE
A	F-HNS-16ME	4	HN-10.9 M16 X 2.00 STOVER PLT	DROP AXLE
B	F-HC-16M050E	4	HC-10.9 M16 X 2.00 X 50 PLT	DROP AXLE
B	F-HNS-16ME	4	HN-10.9 M16 X 2.00 STOVER PLT	DROP AXLE

5 ELECTRICAL BOX AND CONNECTORS



**Note: Line item numbers '1' and '4' refer to complete assemblies. The complete assemblies are not shown in this diagram. See page 5-3 for a picture of the complete assemblies.



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ELECTRICAL COMPONENTS				
REF.	PART NO.	QTY.	PART NAME	NOTES
FOR COMBINES WHICH FALL WITHIN THE FOLLOWING SERIAL NUMBER BREAKS:				
9650STS (695501-); 9750STS (695601-); 9660STS (705501-); 9760STS (705601-); 9860STS (705701-)				
1	LA-255621	1	EM CABLE ASM, RESISTOR	*SEE NOTE BELOW DIAGRAM
FOR ALL COMBINES				
2	LM-255341	1	EM BOX, CONTROLLER MOUNT	
3	EC-141831	1	CONTROLLER	
4	LA-255821	1	EM ASM, CLINOMETER	*SEE NOTE BELOW DIAGRAM
5	LM-255331	1	EM SHT, CLINOMETER MOUNT	
6	EC-100557	2	BODY, LIMIT SWITCH	
7	EC-100692	2	HEAD, LIMIT SWITCH STRAIGHT PLUNGER	
8	EC-138781	6	STRAIN RELIEF, NYLON, BLK, 1/2 NPT	
9	EC-142121	4	STRAIN RELIEF NUT, 1/2" NYLON, BLK	
ELECTRICAL FASTENERS				
REF.	PART NO.	QTY.	PART NAME	WHERE USED
A	F-PHM-#10C28	4	PHMS 10-24 X 1-3/4	LIMIT SWITCH MNT
A	F-HNF-#10C	4	HN 10-24, FLNG SERR	LIMIT SWITCH MNT
B	F-HC5-04C12	3	HC5 1/4-20 X 3/4	PVC BOX MOUNTING
B	F-LW-04	3	LW 1/4	PVC BOX MOUNTING
C	F-PHM-#6C06	2	PHMS #6-32 X 3/8	CLINOMETER MOUNT
D	F-PHM-04C24	2	PHMS 1/4-20 X 1-1/2	CONTROLLER TO PVC BOX
D	F-HNF-04C	2	FLHN 1/4-20 SERR.	CONTROLLER TO PVC BOX
E	F-PHM-04C36	2	PHMS 1/4-20 X 2-1/4	GROUNDING PLATE MOUNTING
E	F-HNF-04C	2	FLHN 1/4-20 SERR.	GROUNDING PLATE MOUNTING
F	F-PHM-#10C16	2	PHMS 10-24 X 3/4	GROUNDING PLATE GROUND
F	F-HNF-#10C	2	HN5 10-24, FLNG SERR	GROUNDING PLATE GROUND
F	F-HN-#10C	2	HN5 10-24	GROUNDING PLATE GROUND
ELECTRICAL CONNECTORS				
REF.	PART NO.	QTY.	PART NAME	WHERE USED
FOR COMBINES WHICH FALL WITHIN THE FOLLOWING SERIAL NUMBER BREAKS:				
9650STS (-695500); 9750STS (-695600);				
NS	EC-136631	1	SEAL, GREEN	
NS	EC-139631	4	CONNECTOR, PARALLEL, 12-10 GA	
NS	EC-140841	1	TERMINAL	
NS	EC-140851	2	TERMINAL	
NS	EC-140861	2	SEAL, RED	
NS	EC-141771	11	SOCKET CONTACT, STAMPED, DTM SERIES	
FOR COMBINES WHICH FALL WITHIN THE FOLLOWING SERIAL NUMBER BREAKS:				
NS	EC-139631	5	CONNECTOR, PARALLEL, 12-10 GA	
NS	EC-141771	12	SOCKET CONTACT, STAMPED, DTM SERIES	
NS	EC-141781	1	PIN CONTACT, STAMPED, DTM SERIES	
FOR ALL COMBINES				
NS	EC-100164	1	PIN, ELECTRICAL	
NS	EC-100165	2	SOCKET, SIZE 16 DEUTSCH	
NS	EC-133281	2	DIODE, 6 AMP, 50 PIV, SILICON	
NS	EC-136701	1	AMP PIN	
NS	EC-136711	3	AMP SOCKET	
NS	EC-139641	2	CONNECTOR, PARALLEL, 16-14 GA	
11	EC-141741	2	WEDGE, 12-SOCKET, DTM SERIES	
12	EC-141751	1	DTM SERIES 12-SOCKET PLUG BLACK	
13	EC-141761	1	DTM SERIES 12-SOCKET PLUG GRAY	

ELECTRICAL CABLES



#1 LA-255631
EM CABLE ASM, LIMIT SWITCH



#2 LA-248452
EM CABLE ASM, BOX TO VALVE



#3 LA-255821
EM CABLE ASM, CLINOMETER



#4 LA-255721
EM ALL CABLE ASM, CAB TO BOX
EARLY SERIAL NUMBER



#5 LA-255731
EM ALL CABLE ASM, CAB TO BOX
LATE SERIAL NUMBER

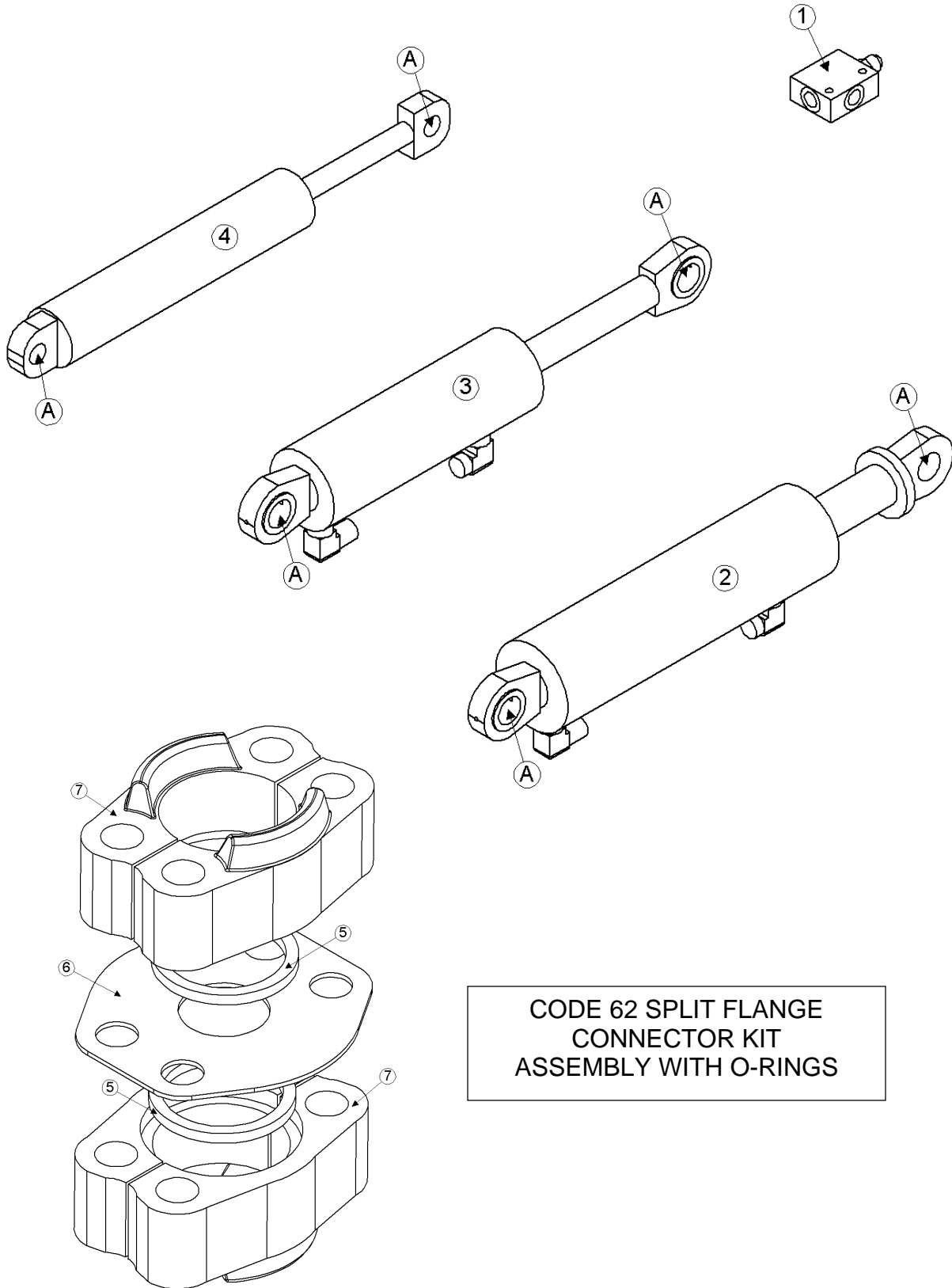


#6 LA-255621
EM CABLE ASM, RESISTOR

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ELECTRICAL CABLE ASSEMBLIES				
REF.	PART NO.	QTY.	PART NAME	DESCRIPTION
ALL COMBINES				
1	LA-255631	2	EM CABLE ASM, LIMIT SWITCH	
2	LA-248452	1	EM CABLE ASM, BOX TO VALVE	
3	LA-255821	1	EM CABLE ASM, CLINOMETER	
FOR COMBINES WHICH FALL WITHIN THE FOLLOWING SERIAL NUMBER BREAKS: 9650STS (-695500); 9750STS (-695600)				
4	LA-255721	1	EM ALL CABLE ASM, CAB TO BOX, EARLY	
FOR COMBINES WHICH FALL WITHIN THE FOLLOWING SERIAL NUMBER BREAKS: 9650STS (695501-); 9750STS (695601-); 9660STS (705501-); 9760STS (705601-); 9860STS (705701-)				
5	LA-255731	1	EM ALL CABLE ASM, CAB TO BOX, LATE	
6	LA-255621	1	EM CABLE ASM, RESISTOR	

6 HYDRAULICS

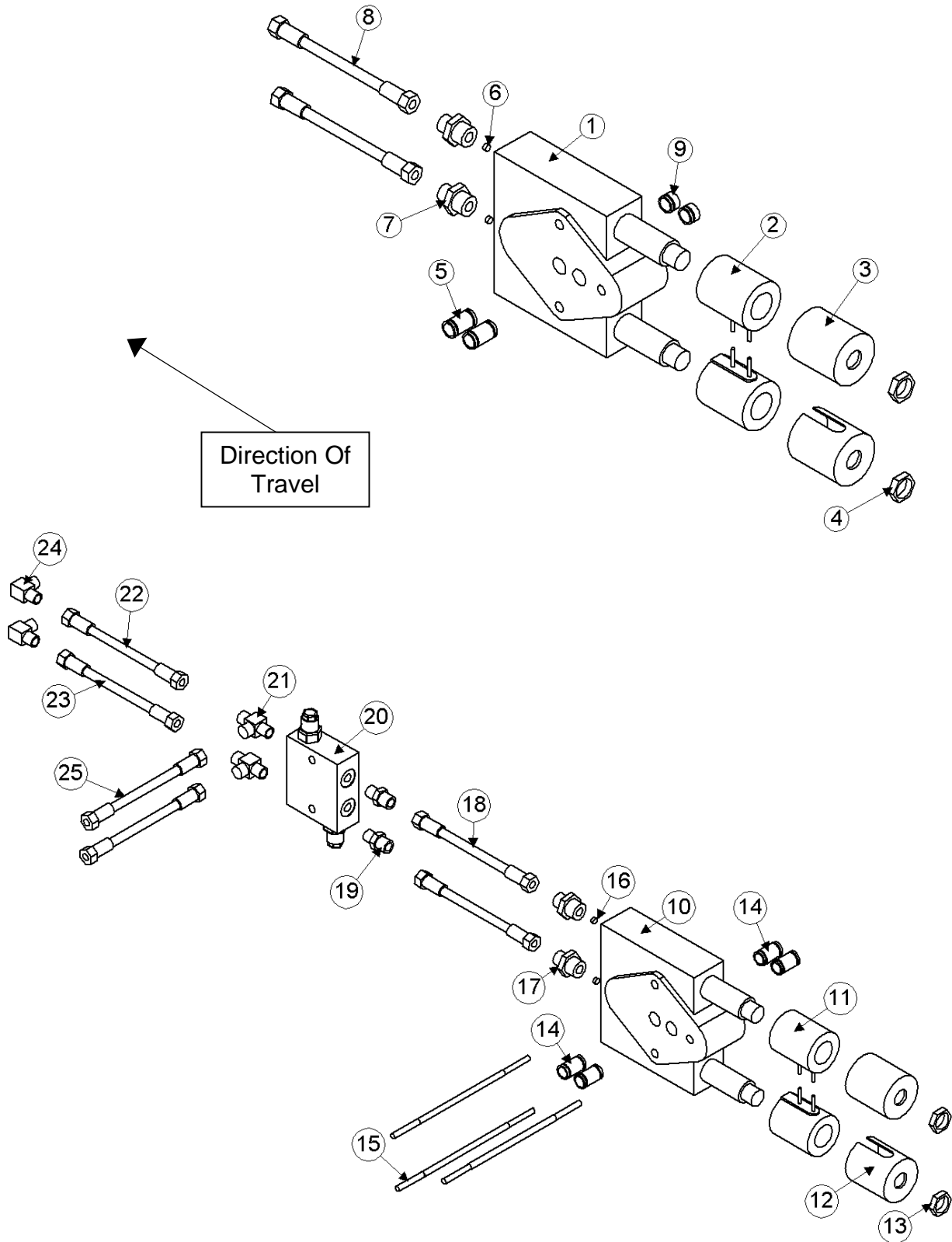


CODE 62 SPLIT FLANGE
CONNECTOR KIT
ASSEMBLY WITH O-RINGS

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HYDRAULIC COMPONENTS				
REF.	PART NO.	QTY.	PART NAME	DESCRIPTION
1	HC-138901	2	VALVE, COUNTER BALANCE	
..	HC-139161	2	CARTRIDGE, COUNTER BALANCE VALVE	
..	HC-139171	2	BODY, COUNTER BALANCE VALVE	
NS	HC-140361	2	SEAL KIT, COUNTER BALANCE VALVE	
2	HC-140312	2	CYLINDER, MAIN LEVELING	
NS	HC-142451	2	SEAL KIT, MAIN LEVELING CYLINDER	
3	HC-140341	1	CYLINDER, MASTER	
NS	HC-134201	1	SEAL KIT, MASTER CYLINDER	
4	HC-138581	1	CYLINDER, SLAVE	
NS	HC-141281	1	SEAL KIT, SLAVE CYLINDER	
CODE 62 SPLIT FLANGE CONNECTOR KIT ASSEMBLY				
ASM	HC-101843	2	CODE 62 SLT FLNG CONNECTOR KIT WITH O-RINGS	FWD AND REAR PROPULSION HOSE
ONE HC-101843 KIT INCLUDES:				
5	HC-134911	3	O-RING, CODE 62 CONNECTOR	
6	HC-137891	1	PLATE, CODE 62	
7	HC-137901	2	CODE 62, #16 SPLIT FLANGE KIT (PAIR)	
NS	F-HC8-07C44	4	HC8 7/16 X 2-3/4 PLT	
NS	F-HN8-07C	4	HN8 7/16-14	
HYDRAULIC FASTENERS				
REF.	PART NO.	QTY.	PART NAME	WHERE USED
A	F-SSS-04F04	8	SCREW, SOCKET SET 1/4-28 X 1/4	ALL CYLINDERS

Model 2970S Hillco Leveling System
For Serial Numbers 2970S-1014 thru 2970S-1034
LEVELING AND HEADER TILT VALVES



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For Serial Numbers 2970S-1014 thru 2970S-1034

LEVELING VALVE				
REF.	PART NO.	QTY.	PART NAME	DESCRIPTION
1	HC-136511	1	LATERAL TILT VALVE	
2	HC-136561	2	COILS	
3	HC-136571	2	COIL COVERS	
4	HC-136581	2	COIL COVER NUTS	
5	HC-136551	2	SHORT THROUGH TUBES	
6	LM-254541	2	HM ORIFICE, LEVELING VALVE (DRILLED TO 5/64)	NOT USED ON 60 SERIES COMBINES
7	HA-S-6MF8MO	2	#6 MORS X #8 MORB STRAIGHT	
8	LA-139101	2	3/8"100RD 135" #6 FORS X #8 FORS	
9	HC-141491	2	PLUG, TUBE	
HEADER TILT VALVE				
REF.	PART NO.	QTY.	PART NAME	DESCRIPTION
10	HC-136511	1	LATERAL TILT VALVE	
11	HC-136561	2	COILS	
12	HC-136571	2	COIL COVERS	
13	HC-136581	2	COIL COVER NUTS	
14	HC-136551	4	SHORT THROUGH TUBES	
15	LP-248471	3	ALL THREAD, B7, 1/4-20 X 15.625, PLATED	
16	LM-254541	2	HM ORIFICE, TRIM VALVE (DRILLED TO .040)	
17	HA-S-4MF8MO	2	#4 MORS X #8 MORB ADAPTER	
18	LA-139111	2	1/4" 100R2 83-1/2 IN #4FORS X #4FORS	
19	HA-S-4MF4MO	2	#4MORB X #4MORS STRAIGHT	
20	HC-138691	1	MANIFOLD, RELIEF VALVE	
21	HA-T-4MF4MO	2	#4 MORB X #4 MORS STR THREAD RUN TEE	
22	LA-139531	1	1/4" 100R2 295 IN #4FORS X #6FORS	SLAVE CYLINDER ROD TO RELIEF VALVE #2
23	LA-139541	1	1/4" 100R2 309 IN #4FORS X #6FORS	SLAVE CYLINDER BASE TO RELIEF VALVE #1
24	HA-L-4MF6MO	2	#4 MORS X #6 MORB 90 DEG	SLAVE CYLINDER
25	LA-139141	1	1/4" 100R2 114-1/2 IN #4FORS X #4FORS	RELIEF VALVE #1 TO MASTER BASE
25	LA-139141	1	1/4" 100R2 114-1/2 IN #4FORS X #4FORS	RELIEF VALVE #2 TO MASTER ROD

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HYDRAULIC HOSES

LEVELING				
REF.	PART NO.	QTY.	PART NAME	WHERE USED
NS	LA-138981	2	3/8" 100R2 59IN #6FORS X #6FORS	LEFT OR RIGHT POCV#2 TO RIGHT/LEFT ROD FRONT
NS	LA-252151	2	1/4" 100R2 17-1/2 IN #6 FORS X #6 FORS	LEFT OR RIGHT POCV#3 TO RIGHT/LEFT ROD REAR
HYDROSTAT				
NS	LA-140382	1	1 100R15 68 IN CODE 62 SLT FLNG 180DEG X CODE 62 SPLT FLNG STR	HYDROSTAT FRONT
NS	LA-140392	1	1 100R15 58 IN CODE 62 SLT FLNG 180DEG X CODE 62 SPLT FLNG STR	HYDROSTAT REAR
NS	LA-140401	1	3/4 100R1 HOSE 38-1/2 IN #12 MORS X #12 FORS 45 DEG	HYDRO MOTOR CASE DRAIN
NS	HC-101843	2	CODE 62 SLT FLNG CONNECTOR KIT WITH O-RINGS	**SEE HYDRAULIC PAGE 6-2
GREASE				
NS	LA-138941	1	3/16 R1 GREASE HOSE 22-3/4 IN 1/8 MPT X 1/8 MPT	MASTER BASE TO BH #4
NS	LA-138951	1	3/16 R1 GREASE HOSE 40 IN 1/8 MPT X 1/8 MPT	RH MAIN LEN CYL BASE TO BH #1
NS	LA-138962	1	3/16 R1 GREASE HOSE 61 IN 1/8 MPT X 1/8 MPT	MAIN PVT TO BH #3
NS	LA-138971	1	3/16 R1 GREASE HOSE 94-1/2 IN 1/8 MPT X 1/8 MPT	LH MAIN LEV CYL BASE TO BH #2
BRAKES				
NS	LA-130371	2	#4 TITE FLEX W / #4 FORS X #4 MORS (31 IN)	
NS	HA-133131	2	TEFLON O-RING	

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HYDRAULIC ADAPTERS

MAIN CYLINDERS				
REF.	PART NO.	QTY.	PART NAME	WHERE USED
NS	HA-L-6MF6MO	4	#6 MORS X #6 MORB 90 DEG	POCV #2,#3 LEFT & RIGHT
NS	HA-K-6MF6MO	2	#6 MORB X #6 MORS BRANCH TEE	LEFT AND RIGHT LEV CYL ROD
NS	HA-L-6MO6MO	2	#6 MORB X #6 MORB 90 DEG	POCV #1 LEFT AND RIGHT LEV CYL BASE
NS	HA-M-6FF6MF	2	#6 FORS X #6 MORS SWIVEL NUT RUN TEE	LEFT MAIN LEV CYL ROD/ LEFT POCV #2
NS	HA-L-6FF6MF	3	#6 FORS X #6 MORS 90 DEG	LEFT AND RIGHT LEV CYL ROD
NS	HA-L-6FF6MF	1	#6 MORS X #6 FORS 90 DEG	RIGHT LOWER POCV #2
MASTER AND SLAVE CYLINDERS				
NS	HA-L-4MF6MO	2	#4 MORS X #6 MORB 90 DEG	MASTER CYLINDER ROD AND BASE
NS	HA-L-4MF6MO	2	#4 MORS X #6 MORB 90 DEG	SLAVE CYLINDER ROD AND BASE
GREASE FITTINGS				
NS	HA-S-2FP2MN	4	1/8" NPSM X 1/8" FPT BULKHEAD CONNECTOR	GREASE BULKHEAD MOUNT
NS	HA-NJ-2FN	4	1/8" NPSM BULKHEAD LOCKNUT	BULKHEAD CONNECTOR
NS	HC-138011	4	1/4-28 STRAIGHT ZERK	ALL GREASE LINES
NS	HA-L-2FP2MP	1	1/8 NPT 90 STREET EL	MAIN PIVOT PIN
NS	HC-135771	3	1/4-28 MALE X 1/8 FPT 90 DEG	MASTER CYLINDER BASE, MAIN LEV CYL BASE
OPTIONAL				
NS	HA-S-4MF8MO	1	#8 MORB X #4 MORS STRAIGHT	
NS	HA-E-6MF	2	#6 MORS PLUG	
NS	HA-E-4MF	2	#4 MORS PLUG	

7 MISCELLANEOUS

DECALS AND LITERATURE				
REF.	PART NO.	QTY.	PART NAME	DESCRIPTION
NS	LL20-100782	1	CAUTION LEVELING SYSTEM CAB	WINDOW IN CAB
NS	LL20-100783	4	DANGER, CRUSHING HAZARD	4-RT & LT UC (FRONT AND BACK)
NS	LL20-100784	2	DECAL, DANGER PINCH POINT	RH & LH UPPER TRANS FACE PLT
NS	LL20-100786	1	WARNING ELECTRONIC CRUSHING HAZARD	UNDERCARRIAGE FRONT
NS	LL20-100786	1	WARNING ELECTRONIC CRUSHING HAZARD	FRONT OF CONTROL BOX
NS	LL20-100788	2	DANGER HYDRAULIC HAZARD	1- EA MAIN CYLINDER (INST)
NS	LL-133741	1	LABEL, GREASE 50 HRS	OC BULKHEAD
NS	LL-133741	2	LABEL, GREASE 50 HRS	MAIN LEV CYL BOTTOM (RH & LH)
NS	LL-133741	1	LABEL, GREASE 50 HRS	MASTER CYLINDER ROD
NS	LL-133741	2	LABEL, GREASE 50 HRS	REAR AXLE, LEFT AND RIGHT
NS	LL-141301	2	DECAL, SIDEHILL LEVELING SYSTEM	SIDE OF COMBINE
NS	LL-142311	2	DECAL, HEADER ANGLE/FEEDER ARM STOP	TRANSITION SIDE PLATES
NS	D-050823ADL01B	1	MANUAL, PARTS	
NS	D-040820CLA01C	1	MANUAL, OPERATION	
NS	D-050420LJH01A	1	MANUAL, INSTALLATION	
HOSE CLAMPS AND FASTENERS				
NS	MC-137521	2	TANDEM CLAMPING HALVES BEHRINGER (PAIR)	HYDROSTAT HOSES
NS	MC-137531	2	COVER PLATE W/ 5/16 HOLE (BEHRINGER)	HYDROSTAT HOSES
NS	F-HCF-08M090F	2	FLHC-8.8 M8 X 1.25 X 90 PPT	BEHRINGER CLAMP FOR HYDRO HOSES
NS	F-HNF-08MF	2	FLHN-8.8 M8 X 1.25 PLT	BEHRINGER CLAMP FOR HYDRO HOSES
NS	F-HCF-10M035E	2	FLHC-10.9 M10 X 1.50 X 35 PLT	CLAMP, GREASE LINES/ TRIM HOSES
NS	F-HNS-10ME	2	HN-10.9 M10 X 1.5 STOVER PLT	CLAMP, GREASE LINES/ TRIM HOSES
NS	MC-135631	2	CLAMP, HOSE 1-1/2 R/C W 3/8 HOLE	CLAMP, GREASE LINES/ TRIM HOSES
NS	HC-142051	1	SLEEVE, ABRASION, E-BRAKE CABLE 36"	SLEEVE, E-BRAKE CABLE
NS	HC-142061	1	SLEEVE, ABRASION, SHIFT CABLE 36"	SLEEVE, ABRASION, SHIFT CABLE
NS	HC-139221	1	CLAMP, 1/4" TUBE TANDEM (PAIR)	BRAKE LINES
NS	HC-139231	2	CLAMP, COVER PLATE FOR 1/4" TUBE CLAMP	BRAKE LINES
NS	MC-136011	2	CLAMP R/C 3/8 H 3/4 T	BRAKE LINES
NS	F-HNF-08ME	2	FLHN-10.9 M8 X 1.25 PLT	BRAKELINE CLAMPS (MC-136011)
NS	F-HCF-8M020E	2	FLHC- 10.9 M8 X 1.25 X 20 PLT	BRAKELINE CLAMPS (MC-136011)
NS	F-HNF-08ME	1	FLHN- 10.9 M8 X 1.25 PLT	BRAKELINE TANDEM CLAMP
NS	F-HCF-8M020E	1	FLHC- 10.9 M8 X 1.25 X 50 PLT	BRAKELINE TANDEM CLAMP

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8 PART NUMBER INDEX

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