

**Model 2970S**  
**Sidehill Leveling System**  
**Parts Manual**

**SN 2970S-1301 thru 2970S-1399**

D-080912ADL01A





## TABLE OF CONTENTS

<b>1 GENERAL INFORMATION</b> .....	<b>1-3</b>
Serial Number Location .....	1-3
Text Format and Illustrations .....	1-3
Abbreviations.....	1-3
Right and Left Identification .....	1-3
Parts Orders .....	1-3
<b>2 TRANSITION</b> .....	<b>2-1</b>
Transition Fasteners.....	2-3
<b>3 CARRIAGE</b> .....	<b>3-1</b>
Carriage Fasteners.....	3-3
<b>4 DROP AXLE</b> .....	<b>4-1</b>
<b>5 ELECTRICAL BOX AND CAB DISPLAY BOX</b> .....	<b>5-1</b>
Electrical Cables.....	5-3
<b>6 HYDRAULICS</b> .....	<b>6-1</b>
Hydraulic Leveling Manifold.....	6-3
Hydraulic Trim Manifold.....	6-5
Hydraulic Hoses .....	6-7
Hydraulic Hoses (Continued).....	6-8
Hydraulic Adapters .....	6-9
Hydraulic Adapters (Continued) .....	6-10
<b>7 MISCELLANEOUS</b> .....	<b>7-1</b>
<b>8 PART NUMBER INDEX</b> .....	<b>8-1</b>
Part Number Index (Continued).....	8-2

Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399

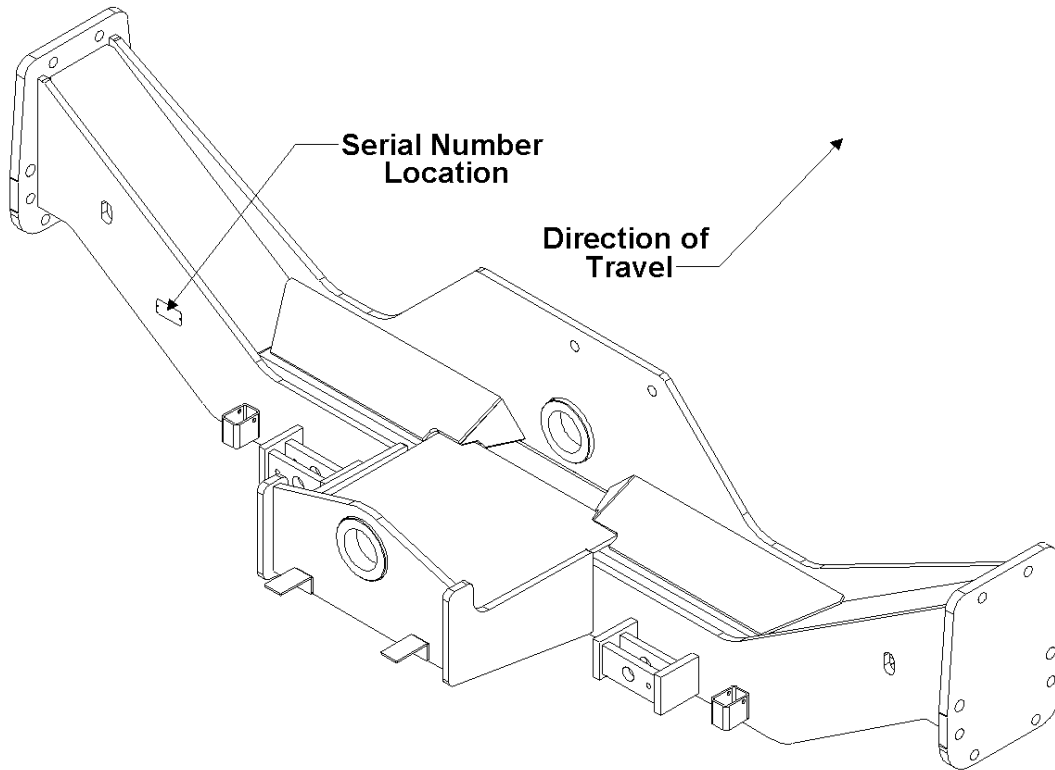
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## 1 GENERAL INFORMATION

### 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" refers to the serial number given to each leveling system (by Hillco Technologies), as well as the serial number given to the combine (by the specific combine manufacturer) the leveling system is installed upon. This abbreviation is used interchangeably in both instances. Each model 2970S Leveling System uses the following serial number 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 unless otherwise noted). Some assemblies have parts that are sold separately, however some must be purchased as a single unit. Hillco Product Specialists will be able to assist you with any questions.

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

### RIGHT AND LEFT IDENTIFICATION

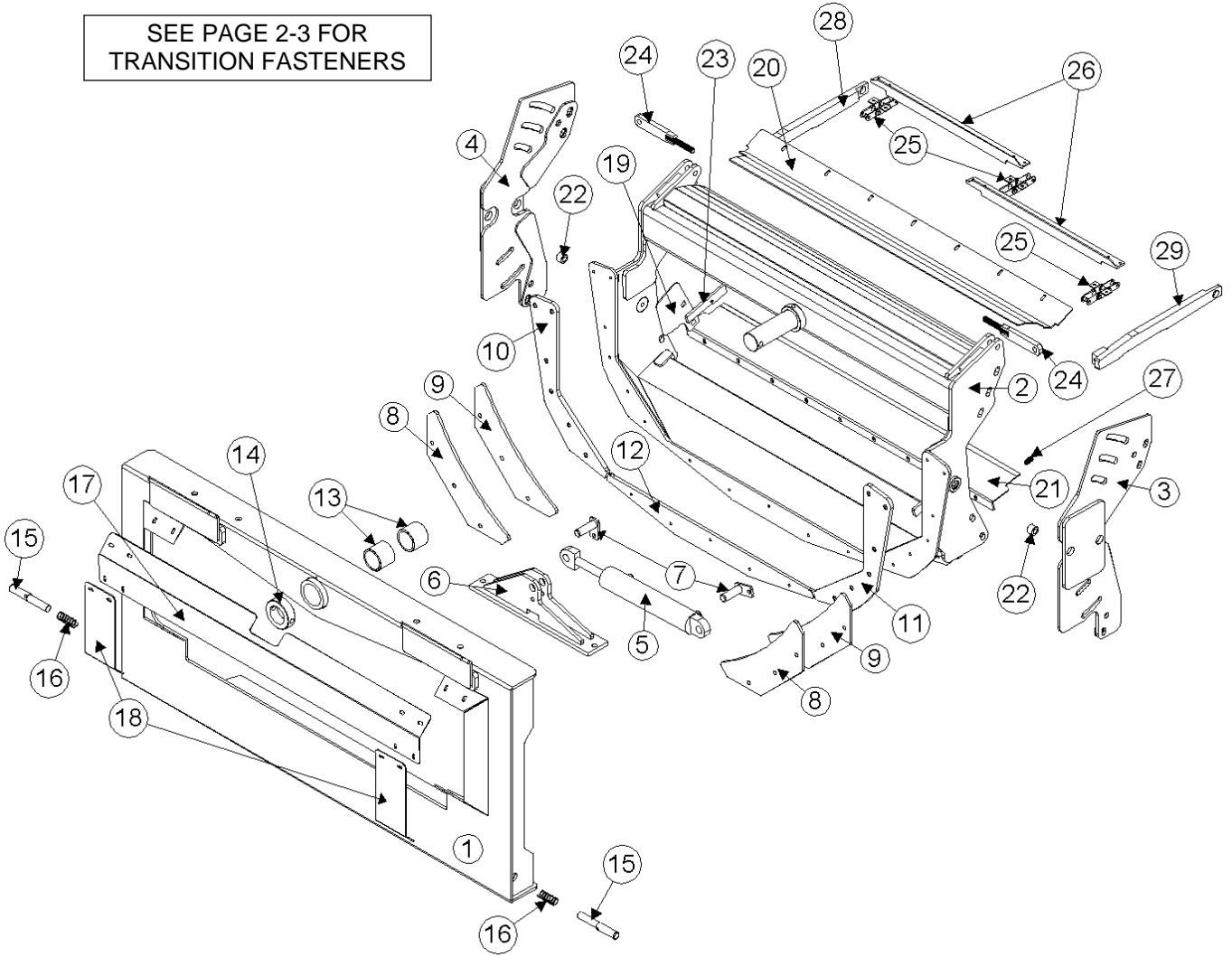
The reference to right-hand and left-hand in this catalog is identified by the operator sitting in the operator's seat, looking toward the front of the machine (in normal forward travel).

### 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

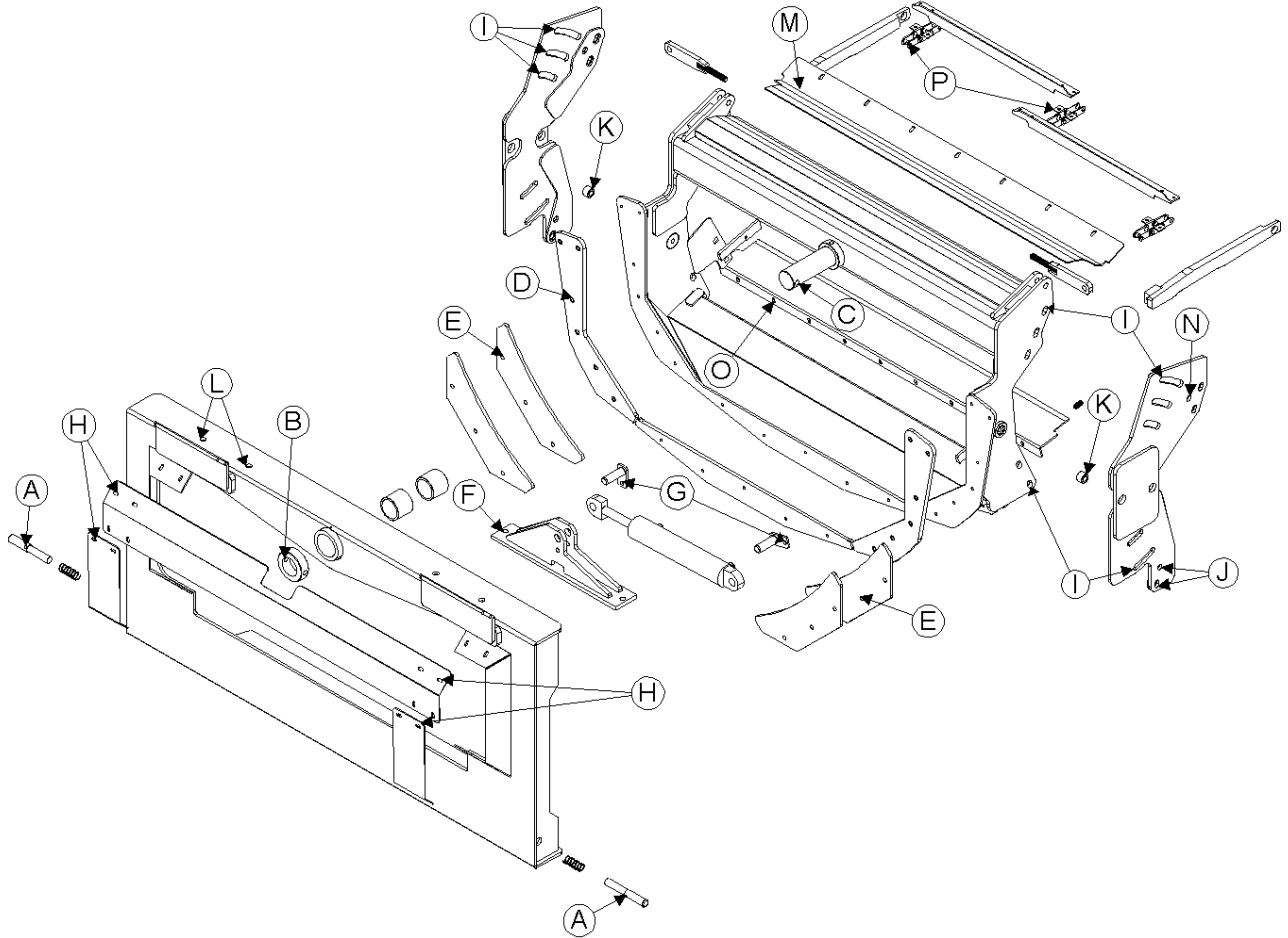


Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399

<b>TRANSITION COMPONENTS</b>				
<b>REF.</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>PART NAME</b>	<b>NOTES</b>
1	LA-250163	1	TA ASM	
2	LA-250243	1	TT ASM, FRONT	
3	LA-260721	1	TT ASM, REAR LEFT	
4	LA-260772	1	TT ASM, REAR RIGHT	
5	HC-138581	1	CYLINDER, SLAVE	**SEE HYDRAULIC PAGE 6-2
6	LA-250713	1	TM ASM, SLAVE CYLINDER ROD MOUNT	
7	LA-253883	2	LM ASM, PIN	
8	LP-250551	2	TM UHMW, BACKING WEARPAD	
9	LM-250541	2	TM PLT, BACKING	
10	LM-250571	1	TM UHMW, RIGHT WEARPAD	
11	LM-250561	1	TM UHMW, LEFT WEARPAD	
12	LM-250581	1	TM UHMW, BOTTOM WEARPAD	
13	LTP-241721	2	BUSHING, PIVOT	
14	LM-226841	1	TM COLLAR, PIVOT	
15	LM-229192	2	TM ROD, LOCK	
16	MC-135531	2	TM SPRING, LOCK PIN	
17	LP-250522	1	TM PLT, TOP SHIELD	
18	LM-250534	2	TM PLT, LEFT & RIGHT SHIELD	
19	LP-260791	2	TM SHEET, ANTI-LEAK	
20	LP-260801	1	TM SHIELD, TOP	
21	LP-260811	1	TM PLATE, FLEX FLOOR	
22	LM-260821	2	TM BUSHING, PIVOT OUTER	
23	LP-261351	2	TM UHMW, THROAT SEAL	
24	LA-261021	2	TM ASM, DRAG LINK	
25	MC-143632	3	CA 557 FEEDER CHAIN, 4-PIN	LENGTHENS ORIGINAL FEEDER HOUSE CHAIN
26	MC-143461	2	FEEDER CHAIN SLAT, 96, 97, 9860 STS	SUBS TO JD PART NUMBER H206436
27	MC-143591	7	SPRING, COMPRESSION .703" OD X 1.09" LENGTH X .125" WIRE DIA	
28	LA-260851	1	TM ARM ASM, FEEDER DRUM RHT	
29	LA-260861	1	TM ARM ASM, FEEDER DRUM LFT	
NS	MC-140261	6	CONNECTING LINK, JD HD CHAIN	
NS	MC-142261	6	S-WIRE KEEPER PINS	SUBS TO JD PART NUMBER H204865

Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399

**TRANSITION FASTENERS**



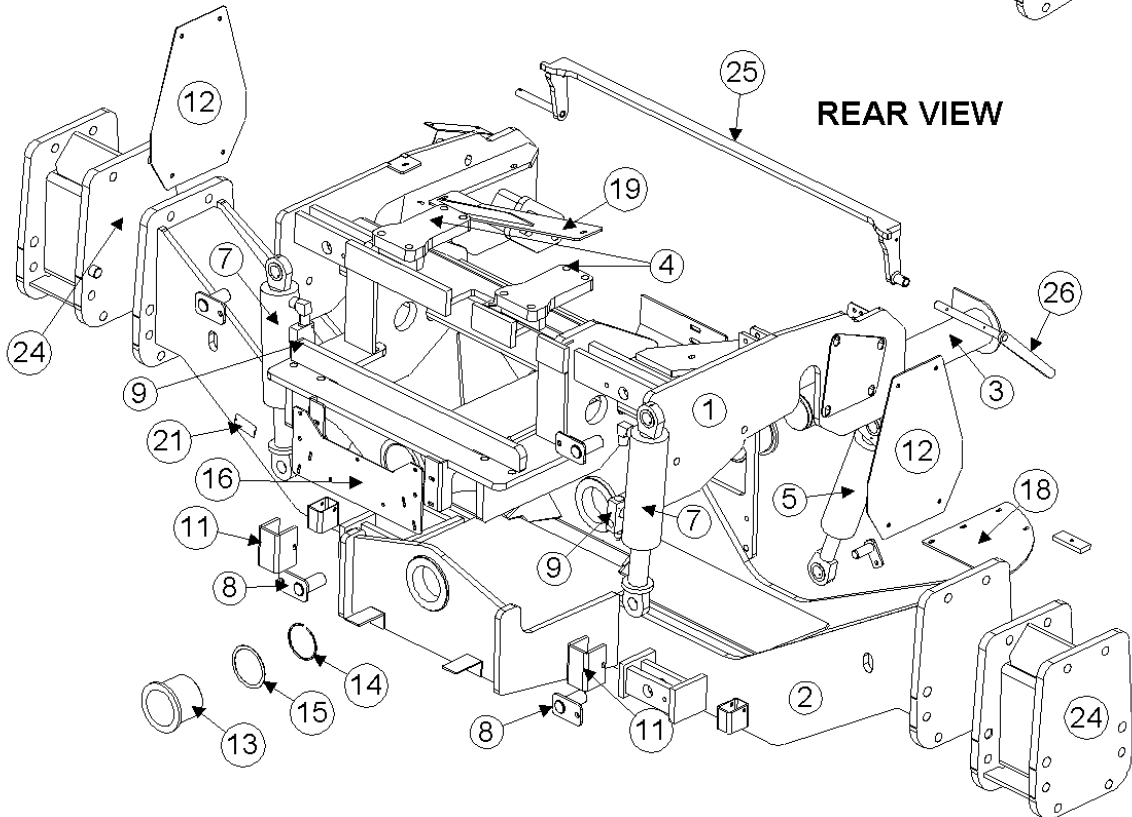
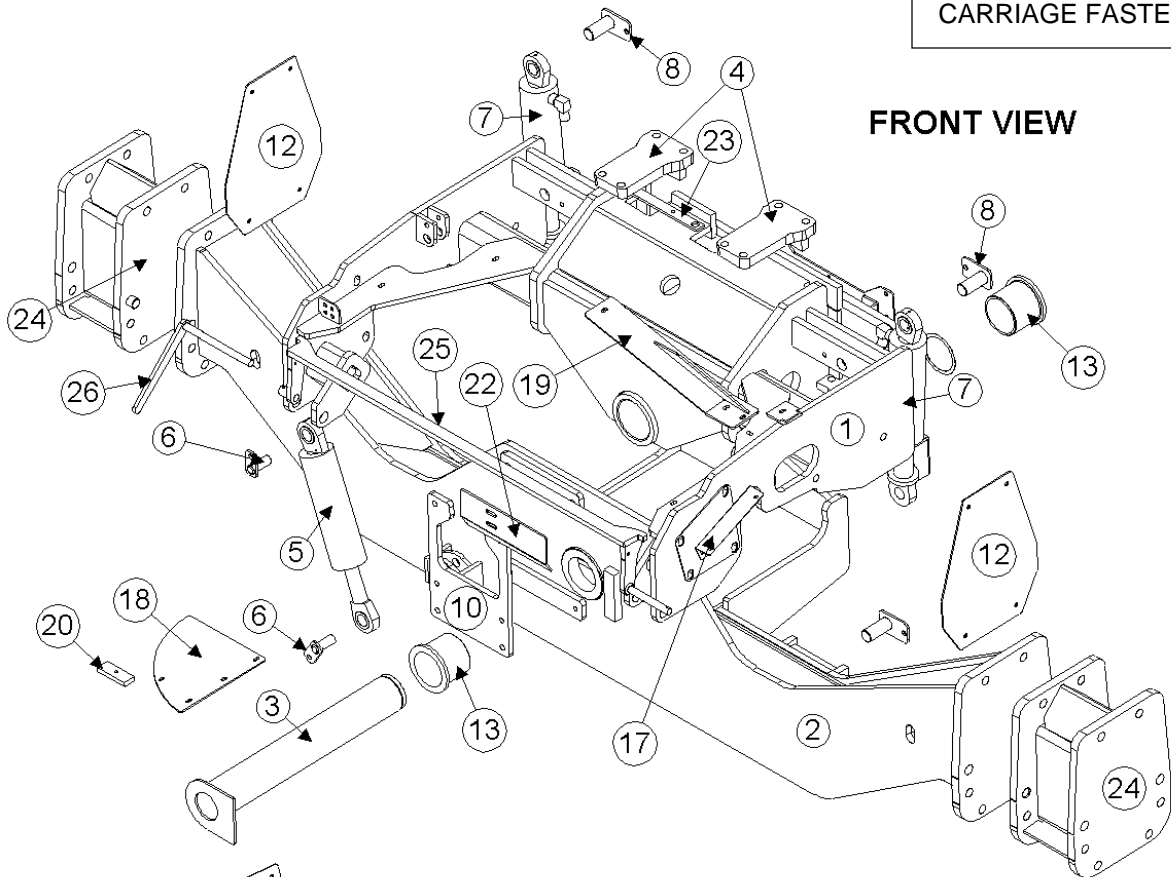


Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399

<b>TRANSITION FASTENERS</b>				
<b>REF.</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>PART NAME</b>	<b>WHERE USED</b>
A	F-HC-10M070E	2	HC-10.9 M10 X 1.5 X 70	HEADER LOCK PINS
B	F-HC-16M120E	1	HC-10.9 M16 X 2.00 X 120	MAIN PIVOT PIN COLLAR
B	F-HNS-16ME	1	HN-10.9 M16 X 2.00 STV	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	UHMW FACE PLT
D	F-HNS-8ME	17	HN-10.9 M8 X 1.25 STV	UHMW FACE PLT
E	F-HCF-12M040E	6	FLHC-10.9 M12 X 1.75 X 40	BACKING PLATES
F	F-HNS-16ME	3	FLHN-10.9 M16 X 2.00	SL CYL ROD MNT
F	F-HCF-16M040E	3	FLHC-10.9 M16 X 2.00 X 40	SL CYL ROD MNT
G	F-HCF-12M040E	2	FLHC-10.9 M12 X 1.75 X 40 PLT	SLAVE CYLINDER MNT PIN
G	F-HNS-12ME	2	HN-10.9 M10 X 1.50 STV	SLAVE CYLINDER MNT PIN
H	F-HCF-8M020E	12	FLHC- 10.9 M8 X 1.25 X 20	SHIELDS
H	F-HNF-08ME	12	FLHN-10.9 M8 X 1.25	SHIELDS
I	F-CB-16M050E	10	CARR-10.9 M16 X 2.00 X 50	CONNECTS FRONT & REAR THROATS
I	F-HNF-16ME	10	FLHN-10.9 M16 X 2.00	CONNECTS FRONT & REAR THROATS
I	MC-143641	12	FW 17.5 X 56 X 5MM	CONNECTS FRONT & REAR THROATS; DRILLED HOLE
J	F-CB-16M050E	4	CARR-10.9 M16 X 2.00 X 50	REAR THROAT TO FEEDERHOUSE
K	F-HCF-16M040E	2	FLHC-10.9 M16 X 2.00 X 40	TRANSITION PIVOT BOLTS
K	MC-143641	2	FW 17.5 X 56 X 5MM	TRANSITION PIVOT BOLTS
L	F-HNF-16ME	4	FLHN-10.9 M16 X 2.00 NUT	HEADER TOP SPACER PLATES
M	F-PCT-02X16	2	PIN COTTER 1/8 X 1	PINS FOR FEEDER DRUM ARMS
N	F-HC-16M050E	2	HC-10.9 M16 X 2.0 X 50	DRILLED HOLE TRANSITION TO FEEDERHOUSE
N	F-HNF-16ME	2	FLHN-10.9 M16 X 2.00	DRILLED HOLE TRANSITION TO FEEDERHOUSE
O	F-CB-10M050F	7	CARR-8.8 M10 X 1.50 X 50	FLOOR HINGE
O	F-HNN-10MF	7	HN-8.8 M10 X 1.50 NYLOCK	FLOOR HINGE
P	F-HC-8M020E	8	HC-10.9 M8 X 1.25 X 20	FEEDER CHAIN SLATS TO CHAIN - JD PART NUMBER 19M7881
P	F-HNS-8ME	8	HN-10.9 M8 X 1.25 STV	FEEDER CHAIN SLATS TO CHAIN - JD PART NUMBER E64256

### 3 CARRIAGE

SEE PAGE 3-3 FOR  
CARRIAGE FASTENERS

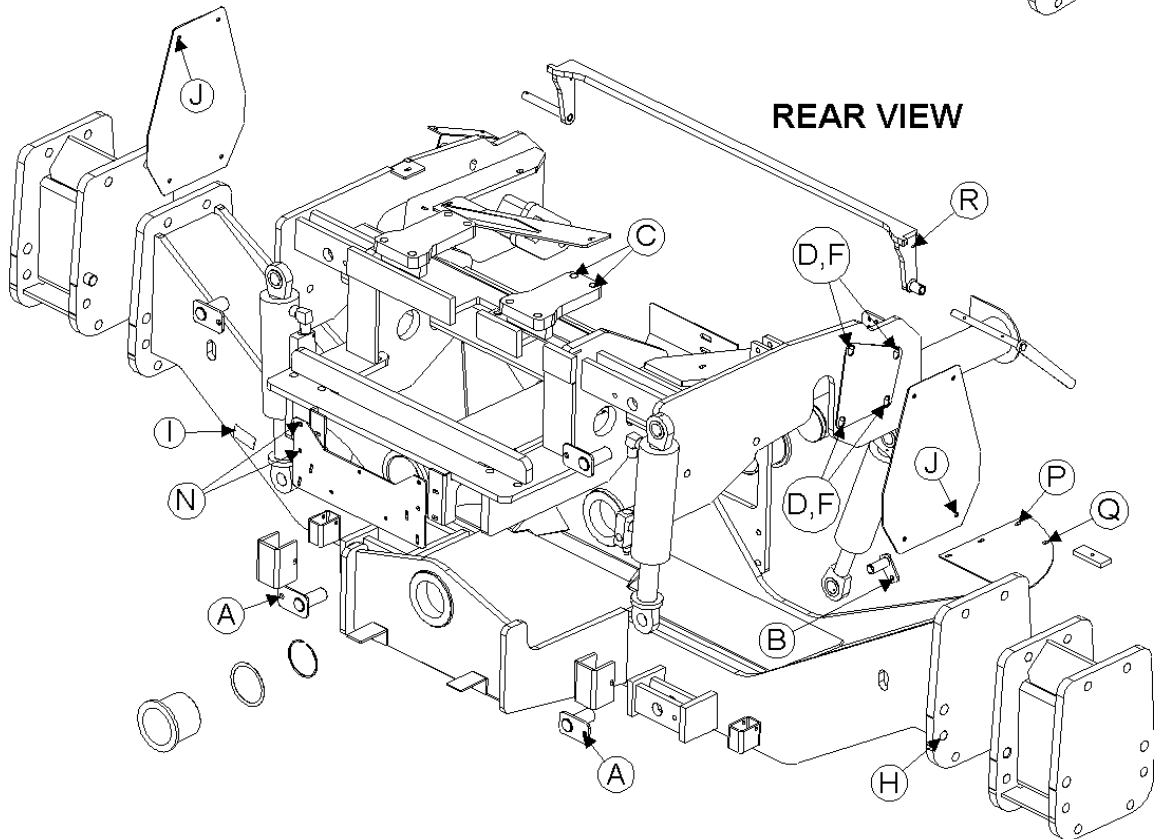
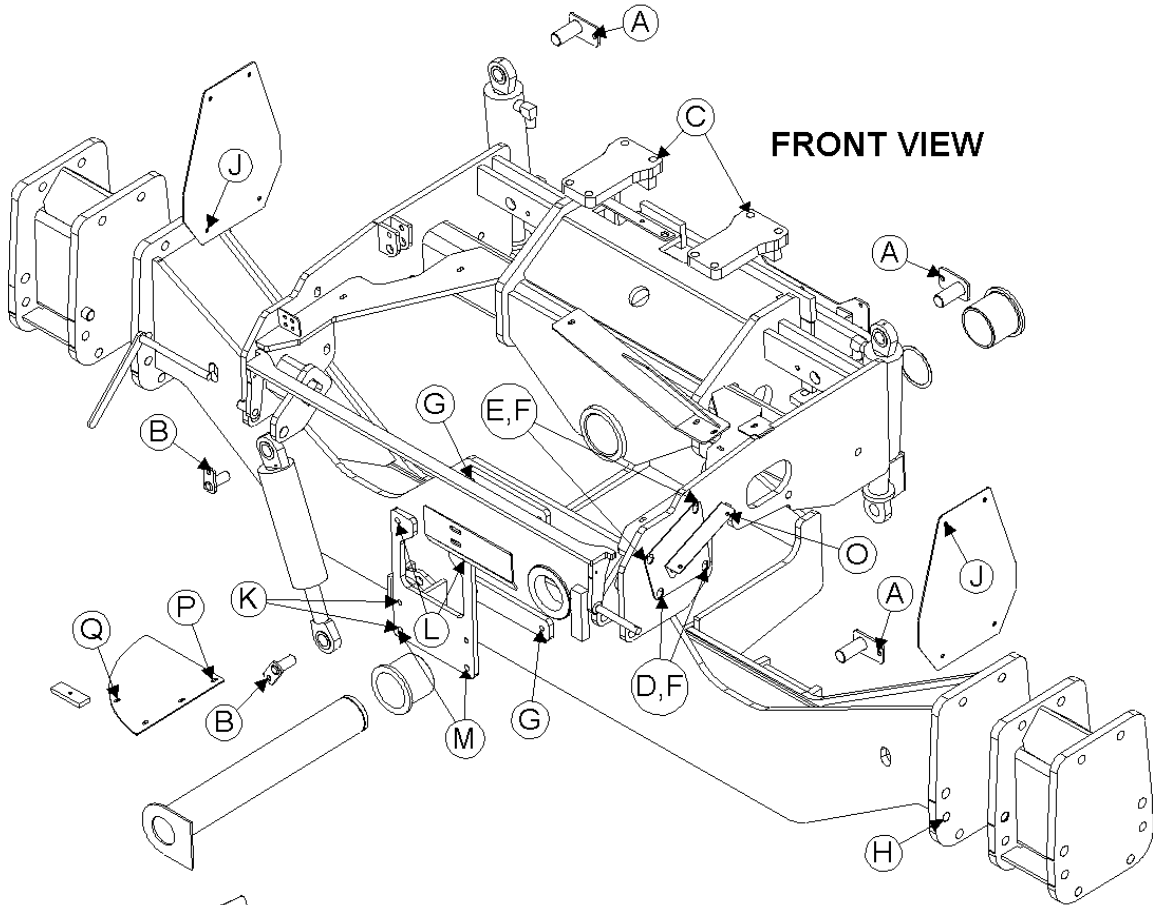


Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399

<b>CARRIAGE COMPONENTS</b>				
<b>REF.</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>PART NAME</b>	<b>NOTES</b>
1	LA-247284	1	CO ASM	
2	LA-247093	1	CU ASM, WIDE	FOR COMBINES WITH DUAL TIRES
NS	LA-262021	1	CU ASM, NARROW	FOR COMBINES WITH SINGLE TIRES
3	LA-247482	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-253883	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	LM-260591	1	CM PLATE, TRANSMISSION MOUNT	
11	LP-252241	2	LM PLT, CYLINDER STOP	
12	LP-230241	2	CM CAP, AXLE	
13	LP-247961	2	CM BUSHING, PIVOT	
14	MC-138651	1	SNAP RING 4"	
15	MC-138641	1-4	WASHER 4.016ID X 4.764OD X .048	
16	LP-261431	1	EM PLATE, ELECTRICAL MOUNT	
17	LP-261531	1	HM SUPPORT, HDR LIFT CYL HOSE	
18	LP-261121	1	HM TABLE, HYDRO HOSE	
19	LA-261371	1	HM MOUNT ASM, HYDRO CLAMP	
20	LM-261091	3	HM FLAT, CLAMP SPACER	
21	LA-255961	1	TAG, SERIAL NUMBER	
22	LP-258221	1	SHIELD, SHIFT CABLE	
23	LM-248781	1	LM FLT, BRAKELINE BRKT	
<b>REQUIRED ON 9660, 9760, &amp; 9860 STS COMBINES THAT ARE EQUIPPED WITH CU ASM, NARROW (P/N LA-262021) IF COMBINE NEEDS TO BE CONVERTED TO DUAL TIRES</b>				
24	LA-253131	2	LM ASM, 9.25 AXLE EXTENSION	
<b>FOR COMBINES WITH SERIAL NUMBERS: 9660 STS (7201301- ); 9760 STS (720401- ); 9860 STS (720401- )</b>				
ASM	LA-264171	1	LM, ASM, ROCK TRAP LINKAGE	
25	LA-264511	1	LM ASM, LINKAGE, ROCK TRAP	INCLUDED IN LA-264171
26	LA-264501	1	LM ASM, HANDLE, ROCK TRAP	INCLUDED IN LA-264171
<b>MISCELLANEOUS CARRIAGE COMPONENTS AND FASTENERS</b>				
NS	MC-142921	2	EMERGENCY BRAKE CABLE	
NS	MC-141551	1	CABLE, SHIFT	SUBS TO JOHN DEERE CABLE PART NUMBER AH128356
NS	F-HNN-8MF	2	HN-8.8 M8X1.25 NYLOCK	NUT, FOR BRAKE CABLE

Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399

**CARRIAGE FASTENERS**

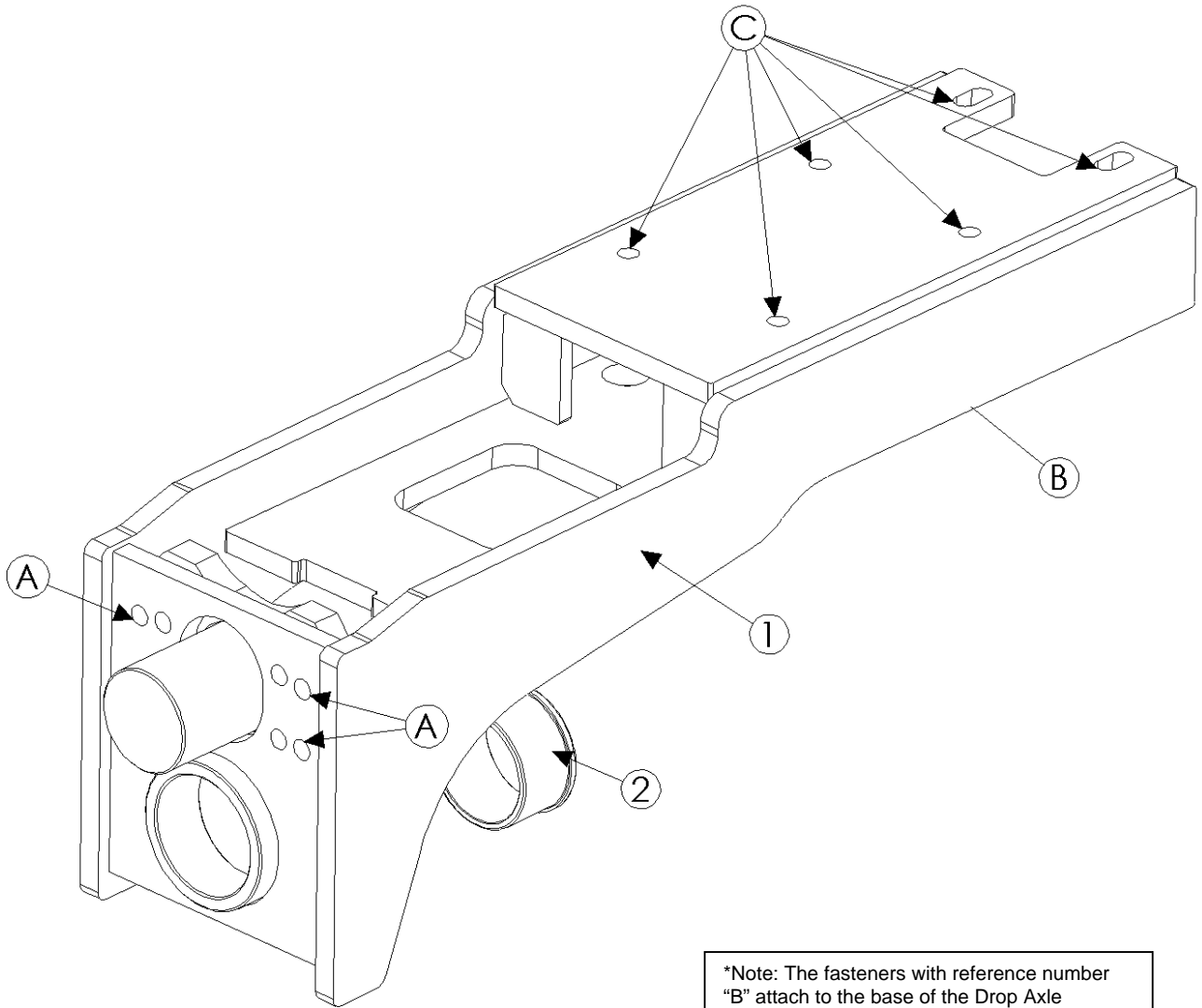


Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399

<b>CARRIAGE FASTENERS</b>				
<b>REF.</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>PART NAME</b>	<b>WHERE USED</b>
A	F-HCF-12M040F	4	FLHC-8.8 M12 X 1.75 X 40	LEVELING CYL MNT PIN
A	F-HNS-12ME	4	HN-10.9 M12 X 1.75 STV	LEVELING CYL MNT PIN
B	F-HCF-12M035E	2	FLHC-10.9 M12 X 1.75 X 35 PLT	MASTER CYLINDER MNT PIN
B	F-HNS-12ME	2	HN-10.9 M12 X 1.75 STV	MASTER CYLINDER MNT PIN
C	F-HC8-12C240	8	HC8 3/4-10 X 15	OVERCARRIAGE CLAMP
C	F-HNS-12C	8	HN8 3/4-10 STV	OVERCARRIAGE CLAMP
D	F-HC-16M110E	6	HC-10.9 M16 X 2.00 X 110	OVERCARRIAGE FRONT RIGHT & BOTTOM LEFT
E	F-HC-16M120E	2	HC-10.9 M16 X 2.00 X 120	OVERCARRIAGE FRONT LEFT TOP
F	F-FWH-10	8	FW 5/8 HD	OVERCARRIAGE FRONT
G	F-HNF-16ME	4	FLHN-10.9 M16 X 2.00	BTM & TOP TRANSMISSION MNT HOLES
H	F-SHC-24M080E	4	SHCS 10.9-M24 X 3 X 80 ZINC	FINAL MOUNT
I	F-UDS-#7X06	2	SCREW, U-DRIVE #7 X 3/8	SERIAL NUMBER PLATE
J	F-HCF-10M040E	8	FLHC-8.8 M10 X 1.50 X 40	ORIGINAL AXLE COVER
J	F-HNF-10ME	8	FLHN-8.8 M10 X 1.50	ORIGINAL AXLE COVER
J	F-FWF-06020	8	3/8 FW FENDER X 1-1/4	ORIGINAL AXLE COVER
K	MC-143711	4	STUD, DOUBLE-ENDED-10.9 M16 X 2.00 X 75 20MM ONE END - 41MM OTHER END	LOWER TRANSMISSION MOUNTING HOLES ON PLATE & UNDERCARRIAGE
L	MC-143721	2	STUD, DOUBLE-ENDED-10.9 M16 X 2.00 X 90 18MM ONE END - 56MM OTHER END	UPPER TRANSMISSION MOUNTING HOLES ON UNDERCARRIAGE
M	F-HNF-16ME	2	FLHN-10.9 M16 X 2.00	LOWER STUDS THAT HOLD PLATE TO UC
N	F-HNF-08ME	4	FLHN-10.9 M8 X 1.25	ELECTRICAL BOX TO OC
N	F-HCF-8M020E	4	FLHC- 10.9 M8 X 1.25 X 20	ELECTRICAL BOX TO OC
O	F-HCF-8M020F	3	FLHC-10.9 M8 X 1.25 X 20	HOSE CLAMPS FOR HDR LIFT CYL HOSES
O	F-HNF-8MF	3	FLHN-10.9 M8 X 1.25	HOSE CLAMPS FOR HDR LIFT CYL HOSES
P	F-HCF-8M020E	2	FLHC-10.9 M8 X 1.25 X 20	HYDRO HOSE TABLE TO TRANSMISSION
Q	F-HCF-8M020E	1	FLHC-10.9 M8 X 1.25 X 20	CASE DRAIN HOSE
Q	F-HNF-08ME	2	FLHN-10.9 M8 X 1.25	CASE DRAIN HOSE
R	F-HC-06M035E	1	HC- 10.9 M6 X 1.0 X 35 PLT	ROCK TRAP
R	F-HNN-06MF	1	HN- 8.8 M6 X 1.0 NYLOCK	ROCK TRAP

Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399

### 4 DROP AXLE

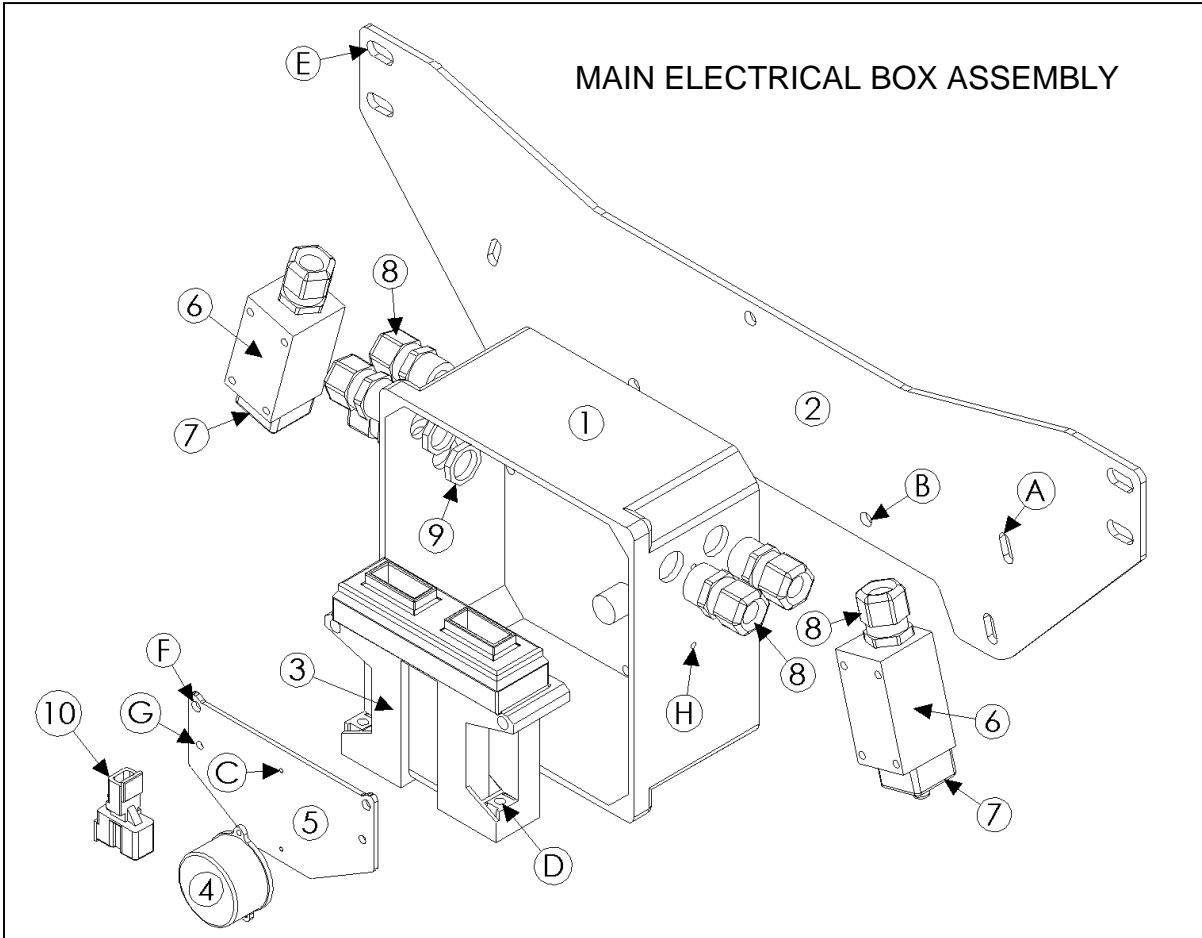


\*Note: The fasteners with reference number "B" attach to the base of the Drop Axle Complete Assembly (LA-246703), however they cannot be seen in this view. The leader is pointing to the general area where they will be found.

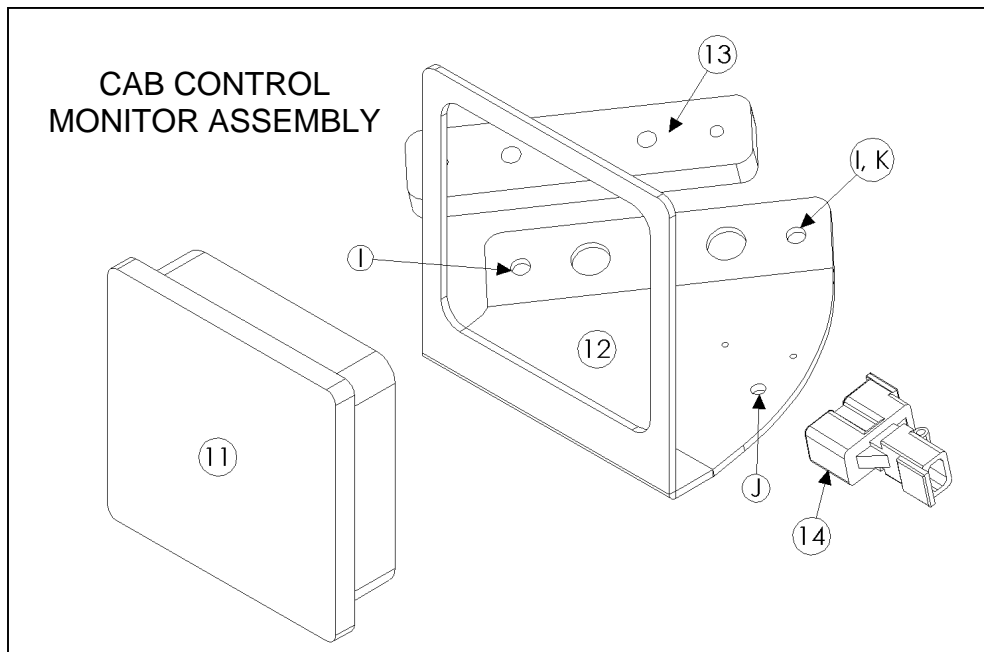
Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399

<b>DROP AXLE COMPONENTS</b>				
<b>REF.</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>PART NAME</b>	<b>NOTES</b>
1	LA-254013	1	DA COMPLETE ASM	
2	LP-235092	1	LM BUSHING, DA PIVOT	
<b>DROP AXLE FASTENERS</b>				
<b>REF.</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>PART NAME</b>	<b>WHERE USED</b>
A	F-HCF-16M070E	4	FLHC-10.9 M16 X 2.00 X 60	ATTACH SUB ASSEMBLIES
A	F-HNSF-16ME	4	HN-10.9 M16 X 2.00 FLNG STV	ATTACH SUB ASSEMBLIES
B	F-HC-16M250E	4	HC-10.9 M16 X 2.00 X 250	BOTTOM OF ASSEMBLY
C	F-HCF-16M060E	6	FLHC-10.9 M16 X 2.00 X 60	TOP OF ASSEMBLY

### 5 ELECTRICAL BOX AND CAB DISPLAY BOX



\*\*Note: Line items numbers '4' and '10' refer to complete assemblies. The complete assemblies are not shown in this diagram. See page 5-3 for pictures of the complete assemblies.





Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399

<b>ELECTRICAL COMPONENTS</b>				
<b>REF.</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>PART NAME</b>	<b>NOTES</b>
ASM	LA-265801	1	EM ASM, CONTROLLER	
1	LM-260301	1	EM BOX, CONTROLLER MOUNT	
2	LP-234653	1	EM MOUNT, CONTROL BOX	
3	LA-270092	1	CONTROLLER	
4	LA-261191	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 STR PLUNGER	
8	EC-138781	7	STRAIN RELIEF, NYLON, BLK, 1/2 NPT	
9	EC-142121	5	STRAIN RELIEF NUT, 1/2" NYLON, BLK	
10	LA-265831	1	EM WIRE ASM, Y-CONNECTOR	**SEE NOTE BELOW DIAGRAM
<b>ELECTRICAL FASTENERS</b>				
<b>REF.</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>PART NAME</b>	<b>WHERE USED</b>
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 TO BRACKET
B	F-LW-04	3	LW 1/4	PVC BOX TO BRACKET
C	F-PHM-#6C06	2	PHMS #6-32 X 3/8	CLINOMETER MNT TO PLATE
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	1	PHMS 10-24 X 3/4	GROUNDING PLATE GROUND
F	F-HNF-#10C	1	HN5 10-24, FLNG, SERR	GROUNDING PLATE GROUND
F	F-HN-#10C	3	HN5 10-24	GROUNDING PLATE GROUND
G	F-PHM-#10C16	1	PHMS 10-24 X 1	Y-CONNECTOR TO GROUND
H	F-PHM-#6C08	2	PHMS #6-32 X 1/2	CLINOMETER MNT TO BOX
H	F-HNF-#6C	1	FLHN #6-32 SERR.	CLINOMETER MNT TO BOX
<b>CAB CONTROL MONITOR</b>				
<b>REF.</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>PART NAME</b>	<b>NOTES</b>
11	LA-265781	1	GRAPHICAL TERMINAL, S-D DP200	MOUNTING BRACKET, GASKET AND SCREWS, INCLUDED
12	LM-265501X	1	EM MOUNT, DISPLAY	
13	LM-265511X	1	EM MOUNT, DISPLAY SPACER	
NS	EC-146481	1	BUZZER, PIEZO ELECTRIC	
<b>CAB CONTROL MONITOR FASTENERS</b>				
<b>REF.</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>PART NAME</b>	<b>NOTES</b>
I	F-HCF-06M016E	2	FLHC-10.9 M6 X 1.0 X 16	GRAPHICAL TERMINAL MOUNTING
J	F-PHM-#10C08	1	PHMS 10-24 X 1/2	Y-CONNECTOR MOUNTING
J	F-HN-#10C	1	HN5 10-24	Y-CONNECTOR MOUNTING
K	EC-142101	1	CLAMP, HOSE 3/8" R/C W/ 3/8 HOLE	ELECTRICAL CABLE SUPPORT IN CAB

**ELECTRICAL CABLES**



**#1** LA-255631  
EM CABLE ASM, LIMIT



**#2** LA-255821  
EM ASM, CLINOMETER



**#3** LA-265831  
EM WIRE ASM, Y-CONNECTOR



**#4** LA-255643  
EM ASM, BOX TO VALVE



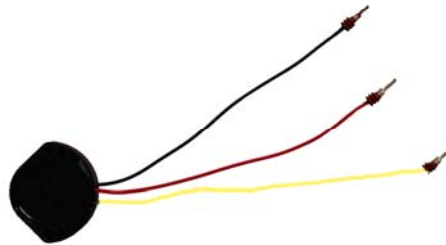
**#5** LA-252462  
EM CABLE ASM, MAX  
LEVEL LIGHT



**#6** LA-265771  
EM CABLE ASM,  
POWER & GROUND



**#7** LA-265581  
EM CABLE ASM, CAB  
TO BOX



**#8** LA-267621  
EM ASM, TILT SENSOR  
PATCH



**#9** LA-263671 EM ALL CABLE  
ASM, LEVELING MANIFOLD



**#10** LA-260242 EM CABLE  
ASM, TRIM SIGNAL



**#11** LA-263681 EM ALL CABLE  
ASM, LEVELING MANIFOLD

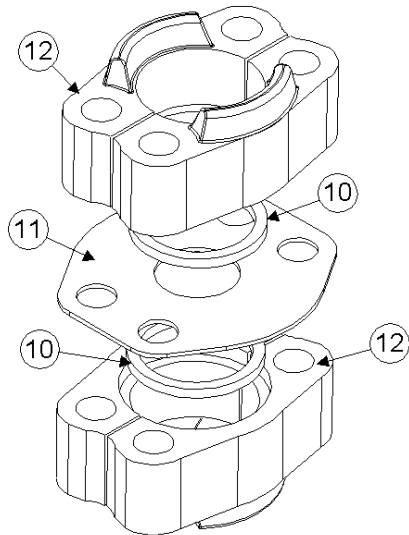
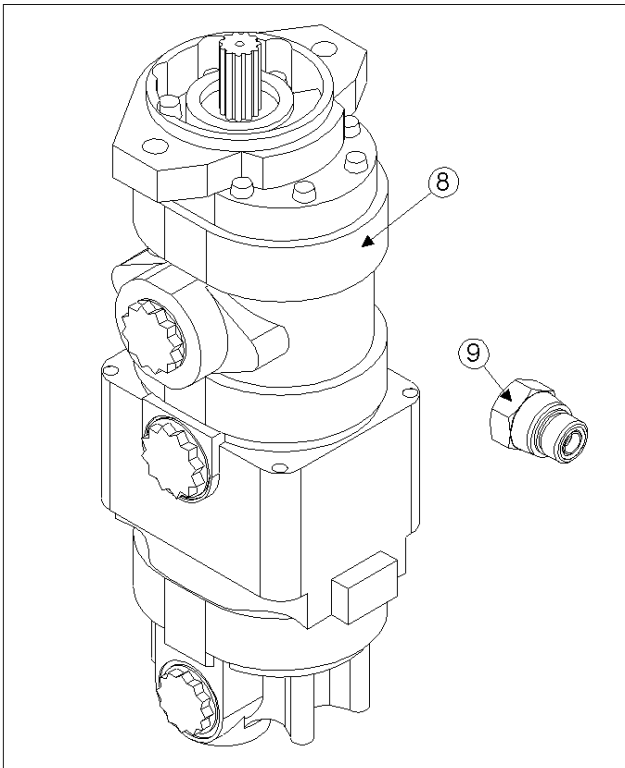
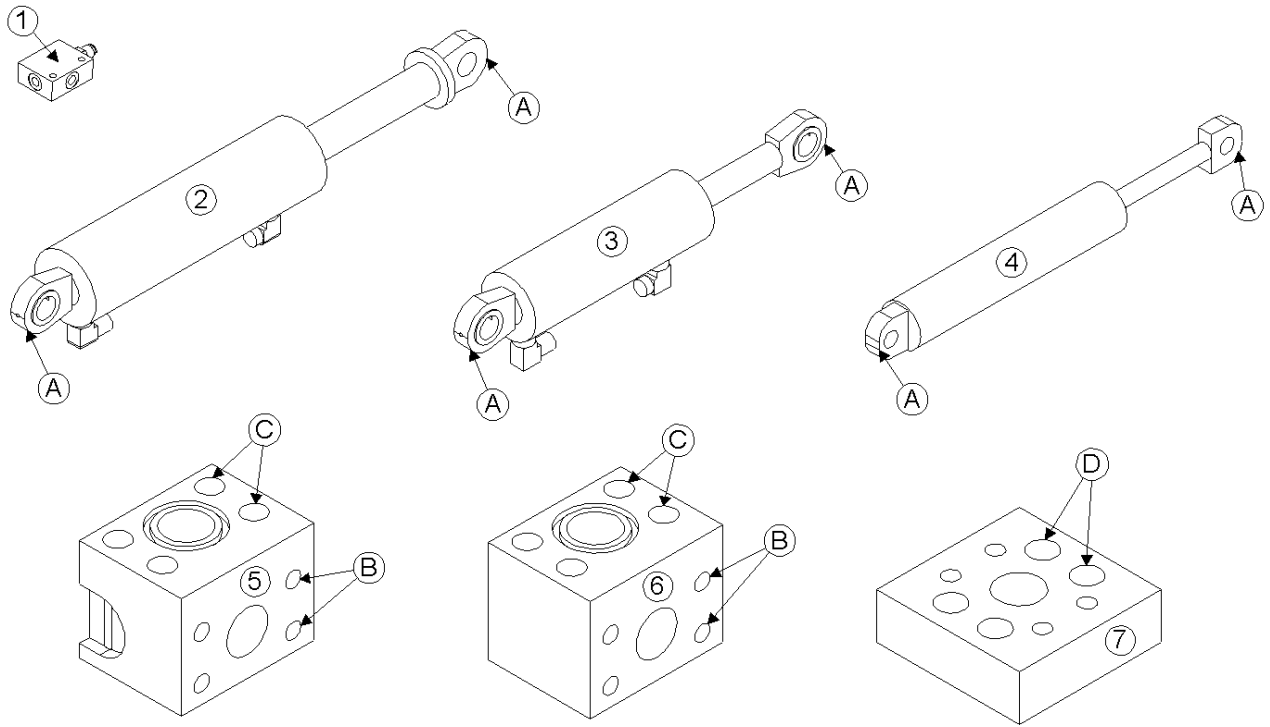


**#12** LA-260222 EM CABLE  
ASM, TRIM SIGNAL

Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399

<b>ELECTRICAL CABLE ASSEMBLIES</b>				
REF.	PART NO.	QTY.	PART NAME	DESCRIPTION
<b>ALL COMBINES</b>				
1	LA-255631	2	EM CABLE ASM, LIMIT SWITCH	
2	LA-255821	1	EM CABLE ASM, CLINOMETER	
3	LA-252462	1	EM CABLE ASM, MAX LEVEL LIGHT	
4	LA-255643	1	EM CABLE ASM, BOX TO VALVE	
5	LA-265831	1	EM WIRE ASM, Y-CONNECTOR	
6	LA-265771	1	EM CABLE ASM, POWER & GROUND	
7	LA-265581	1	EM CABLE ASM, CAB TO BOX	
8	LA-267621	1	EM ASM, TILT SENSOR PATCH	
<b>FOR COMBINES WHICH FALL WITHIN THE FOLLOWING SERIAL NUMBER BREAKS: 9560STS (705401-715300)</b>				
9	LA-263671	1	EM ALL CABLE ASM, LEVELING MANIFOLD	
..	LA-263611	1	EM CABLE ASM, LEVELING MANIFOLD	<i>INCLUDED IN LA-263671</i>
..	LA-263601	1	EM CABLE ASM, DUMP SIGNAL	<i>INCLUDED IN LA-263671</i>
10	LA-260242	1	EM CABLE ASM, TRIM SIGNAL	
<b>FOR COMBINES WHICH FALL WITHIN THE FOLLOWING SERIAL NUMBER BREAKS: 9560 STS (715301- )</b>				
11	LA-263681	1	EM ALL CABLE ASM, LEVELING MANIFOLD	
..	LA-263611	1	EM CABLE ASM, LEVELING MANIFOLD	<i>INCLUDED IN LA-263681</i>
..	LA-263621	1	EM CABLE ASM, DUMP SIGNAL	<i>INCLUDED IN LA-263681</i>
12	LA-260222	1	EM CABLE ASM, TRIM SIGNAL	

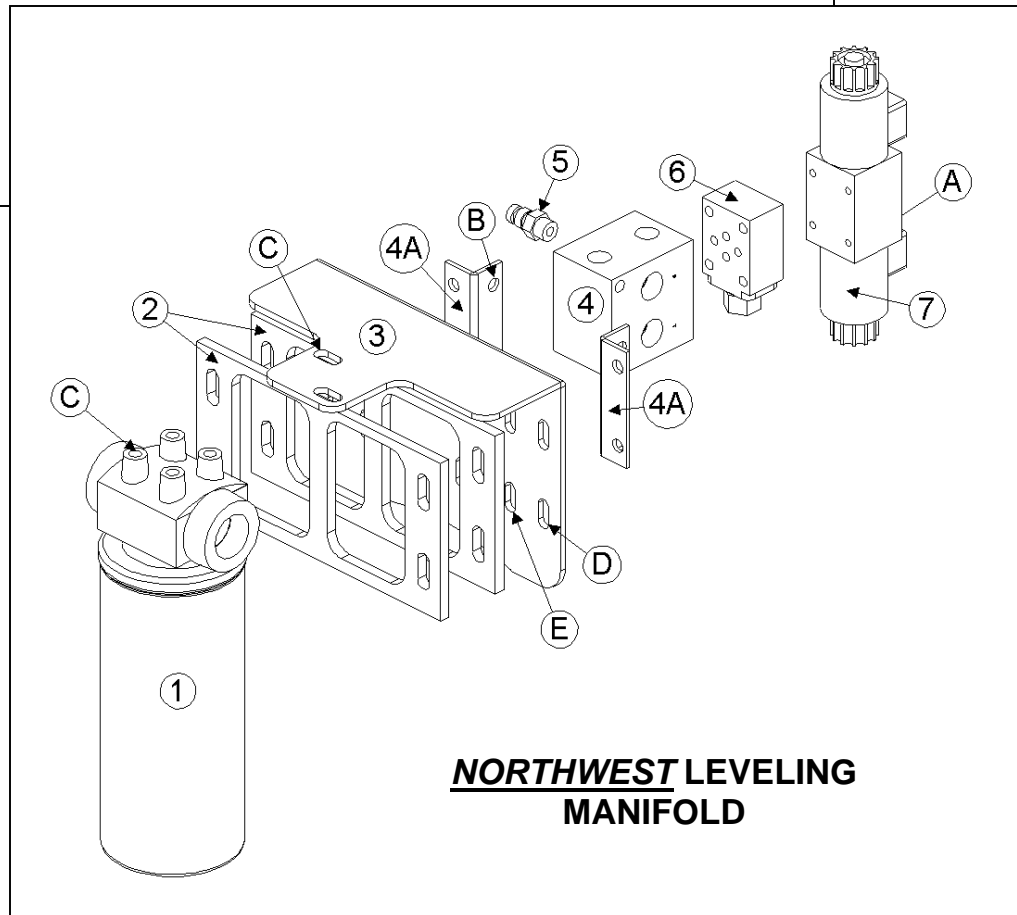
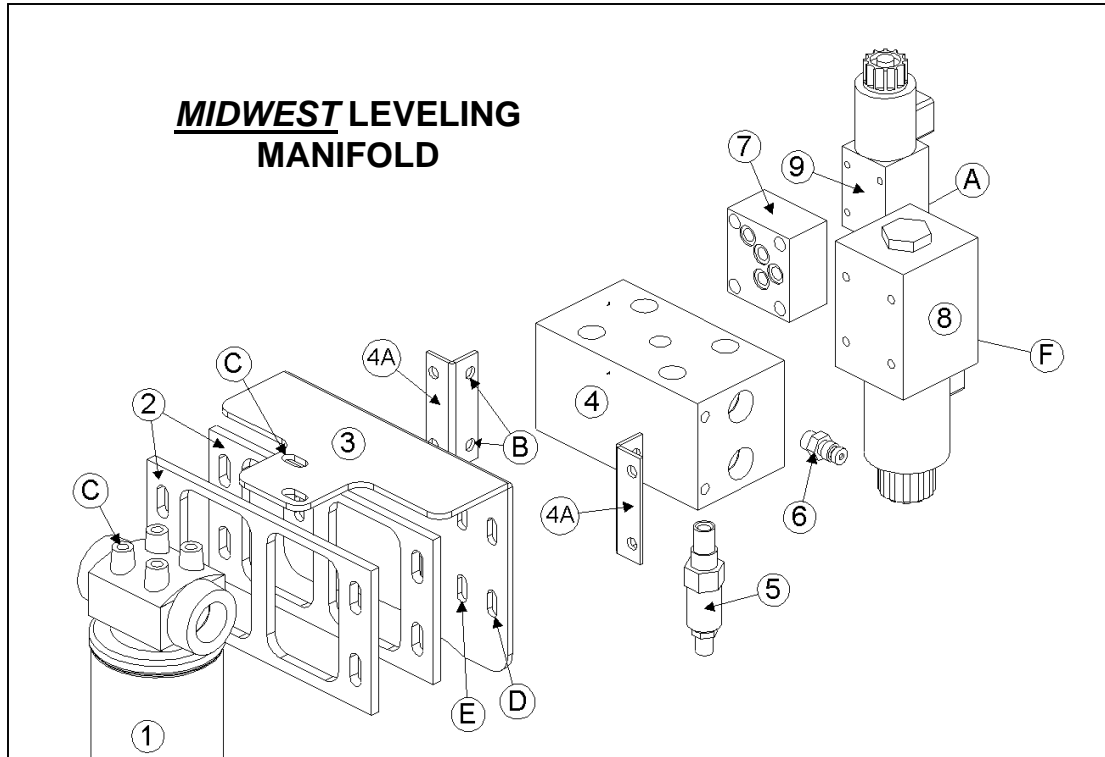
## 6 HYDRAULICS



Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399

<b>HYDRAULIC COMPONENTS &amp; FASTENERS</b>				
<b>REF.</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>PART NAME</b>	<b>NOTES</b>
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	
5	LM-261081	1	HM BLOCK, CODE 62 90°	MOUNTS TO BOTTOM PORT ON HYDRO MOTOR
6	HC-143361	1	CODE 62/CODE 62 ELBOW	MOUNTS TO TOP PORT ON HYDRO MOTOR
7	HC-143371	1	CODE 62 90° ROTATIONAL ADAPTER	MOUNTS TO BOTTOM PORT ON HYDRO MOTOR
8	HC-143101	1	HYDRAULIC PUMP, HILLMASTER, TRIPLE M	JD PART NUMBER AH212540
9	LA-263651	1	HM ORIFICE ASM, PUMP ASM	
A	F-SSS-04F04	8	SCREW, SOCKET SET 1/4-28 X 1/4	ALL CYLINDERS
B	F-HC8-07C24	8	HC8 7/16-14 X 1-1/2	CODE 62 SPLT FLANGE
C	F-HC8-07C52	8	HC8 7/16-14 X 3-1/4	THESE FASTENERS COME WITH ELBOWS
C	F-LWH-07	8	LW 7/16 HD	THESE FASTENERS COME WITH ELBOWS
D	F-SHC-07C20	4	SHCS 7/16-14 X 1-1/4	THESE FASTENERS COME WITH ROTATIONAL ADAPTER
D	F-LWHC-07	4	LW 7/16 HD HIGH COLLAR	THESE FASTENERS COME WITH ROTATIONAL ADAPTER
<b>CODE 62 SPLIT FLANGE CONNECTOR KIT ASSEMBLY</b>				
ASM	HC-101843	2	ASM, CODE 62 SLT FLNG CONNECTOR KIT WITH O-RINGS	FWD AND REVERSE PROPULSION HOSE
<b>ONE HC-101843 KIT INCLUDES:</b>				
10	HC-134911	3	O-RING, CODE 62 CONNECTOR	
11	HC-137891	1	PLATE, CODE 62	
12	HC-137901	2	CODE 62, #16 SPLIT FLANGE KIT (PAIR)	
NS	F-HC8-07C44	4	HC8 7/16 X 2-3/4	
NS	F-HN8-07C	4	HN8 7/16-14	

**HYDRAULIC LEVELING MANIFOLD**

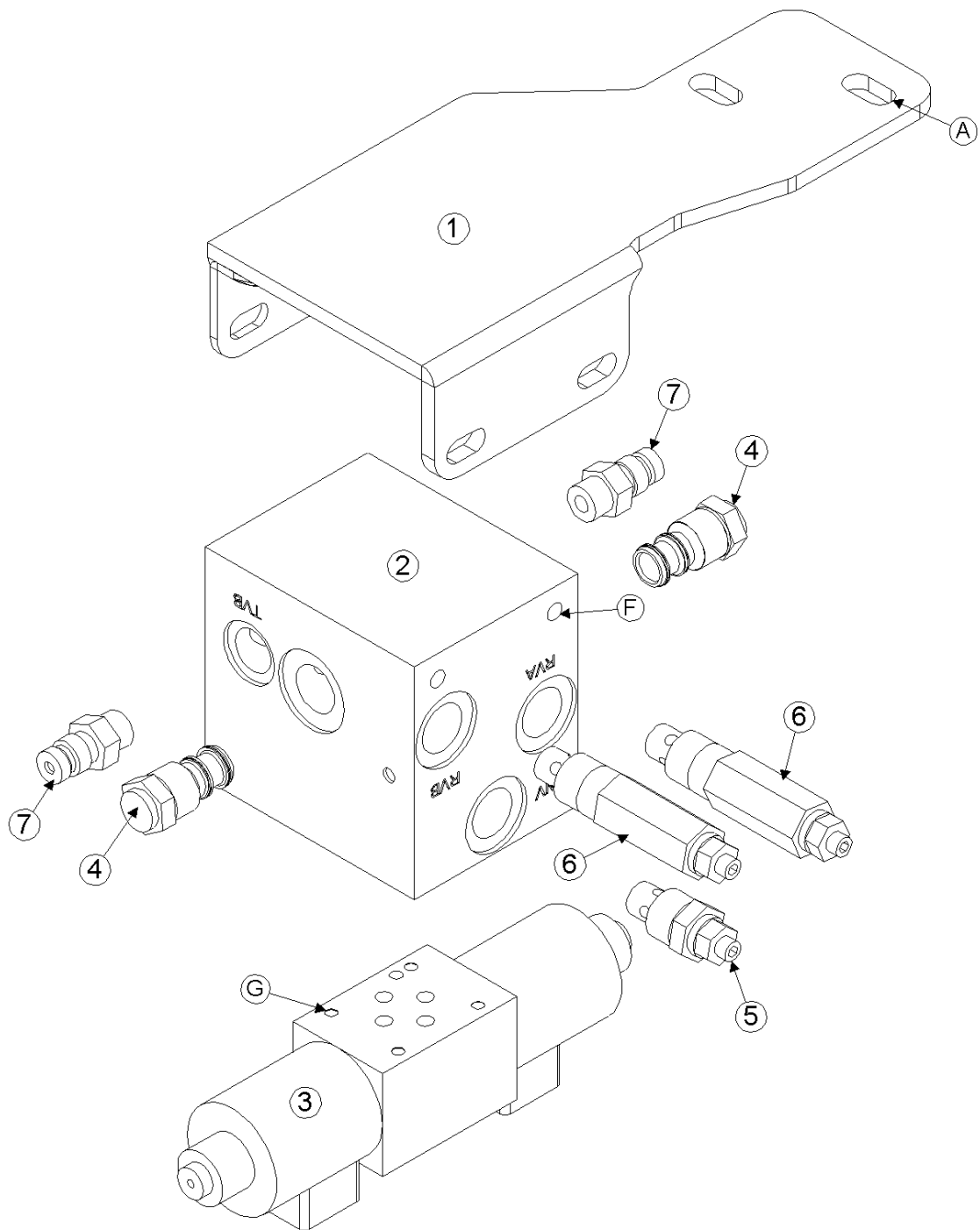


\*\*Note: Be sure you are looking at the correct manifold drawing as well as the correct description of parts on the page to the right.

Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399

<b>LEVELING MANIFOLD COMPONENTS FOR <i>MIDWEST</i> COMBINES</b>				
<b>REF.</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>PART NAME</b>	<b>NOTES</b>
ASM	LA-263261	1	MANIFOLD ASM, LEVELING	FOR MIDWEST COMBINES
1	HC-143441	1	FILTER ASM, OIL	RETURN LINE TO TANK
2	LP-263321	2	PLATE, BACKING	
3	LP-263311	1	HM PLT, MANIFOLD MNT	
4	HC-143981	1	DO5 MANIFOLD, 2-STATION W/ RELIEF CAVITY	SUBS TO HC-146352
4A	..	2	BRACKETS, MANIFOLD	INCLUDED WITH HC-143981
5	HC-142991	1	CARTRIDGE, PRESSURE RELIEF	MANIFOLD HOUSING; SET AT 2800 PSI
6	HC-143991	1	HYDRAULIC QUICK-CONNECT COUPLER	JD PART NUMBER AH125760
7	HC-143001	1	ADAPTER, D03/D05 VALVE	LEVELING AND TRIM SECTIONS OF MAN
8	HC-143071	1	VALVE, D05 SOFT SHIFT DUMP	MIDDLE STATION ON MANIFOLD
9	HC-140411	1	VALVE, DIRECTIONAL CONTROL, PROPORTIONAL	LEVELING PORTION OF MANIFOLD
<b>LEVELING MANIFOLD COMPONENTS FOR <i>NORTHWEST</i> COMBINES</b>				
<b>REF.</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>PART NAME</b>	<b>NOTES</b>
ASM	LA-249684	1	MANIFOLD ASM, LEVELING	FOR NORTHWEST COMBINES
1	HC-143441	1	FILTER ASM, OIL	RETURN LINE TO TANK
2	LP-263321	2	PLATE, BACKING	
3	LP-263311	1	HM PLT, MANIFOLD MNT	
4	HC-138861	1	MANIFOLD, SINGLE STATION	
4A	..	2	BRACKETS, MANIFOLD	
5	HC-143991	1	HYDRAULIC QUICK-CONNECT COUPLER	JD PART NUMBER AH125760
6	HC-101264	1	LOAD SENSE SHUTTLE ASM	
7	HC-140411	1	VALVE, DIRECTIONAL CONTROL, PROPORTIONAL	
<b>LEVELING MANIFOLD FASTENERS - BOTH <i>MIDWEST</i> &amp; <i>NORTHWEST</i> COMBINES</b>				
<b>REF.</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>PART NAME</b>	<b>WHERE USED</b>
A	F-SHC-#10C52	4	SHCS 10-24 X 3-1/4	LEVELING SECTION OF MANIFOLD
A	F-LW-#10	4	LW #10	LEVELING SECTION OF MANIFOLD
B	F-HCF-05C08	8	FLHC 5/16-18 X 1/2	MANIFOLD TO MANIFOLD MOUNT
C	F-HCF-10M020E	2	FLHC-10.9 M10 X 1.50 X 20	FILTER HOUSING TO MOUNTING BRACKET
D	F-HCF-08M035E	4	FLHC-10.9 M8 X 1.25 X 35	MOUNTING BRACKET TO CHASSIS
D	F-HNF-8ME	4	FLHN-10.9 M8X1.25	MOUNTING BRACKET TO CHASSIS
E	F-HNF-05F	4	FLHC 5/16-18	MANIFOLD MOUNT TO MOUNTING BRACKET
<b><i>MIDWEST COMBINES ONLY</i></b>				
F	F-SHC-04C28	4	SHCS 1/4-20 X 1-3/4	DUMP VALVE ON MANIFOLD

Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399  
**HYDRAULIC TRIM MANIFOLD**





Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399

<b>TRIM MANIFOLD COMPONENTS</b>				
<b>REF.</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>PART NAME</b>	<b>NOTES</b>
1	LA-263521	1	HM ASM, MOUNT (TRIM MANIFOLD)	
2	HC-145441	1	MANIFOLD, CUSTOM TRIM	
3	HC-143011	1	VALVE, DIRECTIONAL CONTROL, BANG/BANG	
4	HC-145431	2	RELIEF, POPPET DIRECT ACTING	SET AT 1800 PSI
5	HC-145501	1	VALVE, NEEDLE	
6	HC-145511	2	PILOT OPERATED CHECK	
7	HC-143991	2	HYDRAULIC QUICK-CONNECT COUPLER AH125760	
<b>TRIM MANIFOLD FASTENERS</b>				
<b>REF.</b>	<b>PART NO.</b>	<b>QTY.</b>	<b>PART NAME</b>	<b>WHERE USED</b>
A	F-HCF-10M030E	2	FLHC 10.9 M10 X 1.50 X 30 PLT	TRIM MANIFOLD MOUNT
A	F-HNF-10ME	2	FLHN-10.9 M10 X 1.50 PLT	TRIM MANIFOLD MOUNT
B	F-HCF-05C08	8	FLHC 5/16-18 X1/2	MANIFOLD TO MANIFOLD MOUNT
C	F-SHC-#10C32	4	SHCS 10-24 X 2	DIRECTIONAL CONTROL TO MANIFOLD
C	F-LW-#10	4	LW #10	DIRECTIONAL CONTROL TO MANIFOLD

Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399

**HYDRAULIC HOSES**

REF.	PART NO.	QTY.	PART NAME	WHERE USED
<b>LEVELING HOSES</b>				
NS	LA-138981	2	3/8" 100R2 59" #6 FORS X #6 FORS	LEFT OR RIGHT POCV#2 TO RIGHT/LEFT ROD FRONT
NS	LA-141093	2	1/4" 100R2 5-7/8" #6 FORS X #6 FORS 90°	LEFT OR RIGHT POCV#3 TO RIGHT/LEFT ROD REAR
NS	LA-263542	1	1/2" 100R2 252" #8 FORS 90° X #6 FORS	LEVELING VALVE PORT "A" TO LEFT MAIN LEV ROD
NS	LA-263551	1	1/2" 100R2 252" #8 FORS X #6 FORS	LEVELING VALVE PORT "B" TO LEFT MAIN LEV CYL POCV #2
<b>TRIM MANIFOLD HOSES</b>				
NS	LA-143472	1	1/4" 100R2 100" #4 FORS X #4 FORS	MASTER BASE TO TEE THAT CONNECTS TO HOSE LA-139132
NS	LA-143482	1	1/4" 100R2 111" #4 FORS X #4 FORS	MASTER ROD TO TEE THAT CONNECTS TO HOSE LA-139122
NS	LA-139132	1	1/4" 100R2 245" #4 FORS X #4 FORS	SLAVE BASE TO TEE CONNECTED TO HOSE LA-143471
NS	LA-139113	1	1/4" 100R2 54" #4 FORS X #4 FORS	TRIM PORT "A" TO TEE CONNECTED TO HOSE LA-143481
NS	LA-139113	1	1/4" 100R2 54" #4 FORS X #4 FORS	TRIM PORT "B" TO TEE CONNECTED TO HOSE LA-143471
<b>FOR COMBINES WHICH FALL WITHIN THE FOLLOWING SERIAL NUMBER BREAKS: 9650STS (ALL); 9750STS (ALL); 9660STS ( -715400); 9760STS ( -715500); 9860STS ( -715600)</b>				
NS	LA-145751	1	1/2" 100R2 42" #8 FORS X #10 FORS	HIC TO "P" PORT OF TRIM MAINFOLD
NS	LA-145761	1	1/2" 100R1 46" #8 FORS X #10 FORS	HIC TO "T" PORT OF TRIM MANIFOLD
<b>FOR COMBINES WHICH FALL WITHIN THE FOLLOWING SERIAL NUMBER BREAKS: 9660STS (705401- ); 9760STS (705501- ); 9860 STS (705601- )</b>				
NS	LA-263411	2	1/4" 100R2 55" #4 FORS X #4 FORS 90°	HIC TO P & T PORTS OF TRIM MAINFOLD
<b>GREASE HOSES</b>				
NS	LA-138942	1	3/16 R1 GREASE 33-1/2" 1/8 MPT X 1/8 MPT	MASTER BASE TO BH #4
NS	LA-138951	1	3/16 R1 GREASE 40" 1/8 MPT X 1/8 MPT	RH MAIN LEN CYL BASE TO BH #1
NS	LA-138962	1	3/16 R1 GREASE 61" 1/8 MPT X 1/8 MPT	MAIN PVT TO BH #3
NS	LA-138972	1	3/16 R1 GREASE 88-1/2" 1/8 MPT X 1/8 MPT	LH MAIN LEV CYL BASE TO BH #2
<b>HYDRO HOSES</b>				
NS	LA-140383	2	1 100R15 79" CODE 62 SPLT FLNG 90° SHORT DROP X CODE 62 SPLT FLNG STR	HYDROSTAT FRONT & REAR HOSES
NS	LA-140402	1	3/4 100R1 80" #12 MORS X #12 FORS	HYDRO MOTOR CASE DRAIN
NS	LA-263562	1	3/4" 100R1 30" #12 FORS X #12 FORS 45°	MANIFOLD "T" PORT TO FILTER HOUSING INLET
<b>BRAKE HOSES</b>				
NS	LA-130371	2	#4 TITE FLEX 31" #4 FORS X #4 FORS & #4 UNION	
NS	HA-133131	2	O-RING, TEFLON	
<b>PUMP &amp; MANIFOLD HOSES</b>				
NS	LA-263531	1	3/4" 100R12 46" #10 FORS 90° X #12 FORS	PRESSURE HOSE FROM PUMP TO "P" PORT
NS	LA-263571	1	1" 100R1 36" #16 FORS X #16 FORS 90°	FILTER HOUSING OUTLET TO RESERVOIR
NS	LA-143681	1	1" 100R16 (1M2T) 42" #16 FORS X #16 FORS	SUCTION HOSE FROM RUN END OF BTM TEE TO PUMP

Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399

**HYDRAULIC HOSES (CONTINUED)**

<b>NORTHWEST OPTION HOSES</b>				
NS	LA-145901	1	3/16 R1 GREASE 10" 1/8 MPT X 1/8 FPT	OHLA BREATHER
NS	HC-145861	1	1/2" HEATER HOSE 2-3/4" (NO ENDS) SAE20R3D2	IDLER ASM
NS	LA-263571	1	1" 100R1 HOSE 36" #16 FORS X #16 FORS 90°	RETURN LINE FROM FILTER OUTLET TO RESERVOIR
NS	LA-263562	1	3/4" 100R1 HOSE 30" #12 FORS X #12 FORS 45°	MANIFOLD "T" PORT TO FILTER INLET
NS	LA-134872	1	3/8" 100R1 HOSE 72" #6 FORS X #6 FORS 90°	PUMP CASE DRAIN TO RESERVOIR
<b>FOR COMBINES WHICH FALL WITHIN THE FOLLOWING SERIAL NUMBER BREAKS: 9650STS (ALL); 9750STS (ALL); 9660STS ( -715400); 9760STS ( -715500); 9860STS ( -715600)</b>				
NS	LA-134822	1	1/4" 100R2 HOSE 63" #4 FORS X #4 FORS 90°	LOAD SENSE LINE
NS	LA-134832	1	3/4" 100R12 HOSE 54" #12 FORS X #12 FORS	PRESSURE FROM PUMP TO MANIFOLD
NS	LA-134862	1	1" 100R16 (1M2T) 71" #16 FORS X #16 FORS 90°	PUMP SUCTION
<b>FOR COMBINES WHICH FALL WITHIN THE FOLLOWING SERIAL NUMBER BREAKS: 9660STS (705401- ); 9760STS (705501- ); 9860 STS (705601- )</b>				
NS	LA-145721	1	1/4" 100R2 79" #4 FORS X #4 FORS 90°	LOAD SENSE LINE
NS	LA-145731	1	3/4" 100R12 70" #12 FORS X #12 FORS	PRESSURE FROM PUMP TO MANIFOLD
NS	LA-145741	1	1" 100R16 (1M2T) 62" #16 FORS X #16 FORS 90°	PUMP SUCTION

Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399

**HYDRAULIC ADAPTERS**

REF.	PART NO.	QTY.	PART NAME	WHERE USED
<b>LEVELING MANIFOLD ADAPTERS</b>				
NS	HA-L-12MF16MO	1	#16 MORB X #12 MORS 90°	INLET PORT ON FILTER HOUSING
NS	HA-L-16MF16MO	1	#16 MORB X #16 MORS 90°	OUTLET PORT ON FILTER HOUSING
NS	HA-S-12MF12MO	1	#12 MORB X #12 MORS STR	"T" PORT
NS	HA-L-8MF8MO	2	#8 MORB X #8 MORS 90°	"A" & "B" LEVELING PORTS
NS	HA-L-12MF12MO	1	#12 MORB X #12 MORS 90°	"P" PORT
NS	HA-E-8MO	2	#8 MORB SOCKET HEAD PLUG (ZERO-LEAK)	"A" & "B" PORTS UNDER DUMP VAVLE
NS	HA-E-12MO	2	#12 MORB SOCKET HEAD PLUG (ZERO-LEAK)	"T" & "P" PORTS
<b>MAIN CYLINDER ADAPTERS</b>				
NS	HA-K-6MF6MO	2	#6 MORB X #6 MORS BRANCH TEE	LEFT AND RIGHT LEV CYL ROD
NS	HA-L-6FF6MF	3	#6 FORS X #6 MORS 90°	LEFT AND RIGHT LEV CYL ROD
NS	HA-L-6FF6MF	1	#6 MORS X #6 FORS 90°	RIGHT LOWER POCV #2
NS	HA-L-6MF6MO	4	#6 MORS X #6 MORB 90°	POCV #2,#3 LEFT & RIGHT
NS	HA-L-6MO6MO	2	#6 MORB X #6 MORB 90°	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
<b>MASTER &amp; SLAVE CYLINDER ADAPTERS</b>				
NS	HA-L-4MF6MO	2	#4 MORS X #6 MORB 90°	MASTER CYLINDER ROD AND BASE
NS	HA-L-4MF6MO	2	#4 MORS X #6 MORB 90°	SLAVE CYLINDER ROD AND BASE
<b>GREASE FITTING ADAPTERS</b>				
NS	HA-L-2FP2MP	1	1/8 NPT 90 STREET EL	MAIN PIVOT PIN
NS	HA-NJ-2FN	4	1/8" NPSM BULKHEAD LOCKNUT	BULKHEAD CONNECTOR
NS	HA-S-2FP2MN	4	1/8" NPSM X 1/8" FPT BULKHEAD CONNECTOR	GREASE BULKHEAD MOUNT
NS	HC-135771	3	1/4-28 MALE X 1/8 FPT 90°	MASTER CYLINDER BASE, MAIN LEV CYL BASE
NS	HC-138011	4	1/4-28 STRAIGHT ZERK	ALL GREASE LINES
<b>TRIM MANIFOLD ADAPTERS</b>				
NS	HA-L-4MF4MO	2	#4 MORB X #4 MORS 90°	"A" & "B" PORTS
NS	HA-S-8MF8MO	2	#8 MORS X #8 MORB STRAIGHT	"P" & "T" PORTS
<b>EARLY SERIAL NUMBER ADAPTERS</b>				
NS	HA-T-16MF16MO	2	#16 MORBX #16 MORS STR THREAD RUN TEE	PUMP SUCTION & RETURN AT RESERVIOR
NS	HA-S-16FF12MF	1	#16 FORS X #12 MORS REDUCER	COOLER TEE
NS	HA-L-10FF10MF	1	#10 FORS X #10 MORS 90°	RETURN OF STACK VALVE
NS	HA-M-10FF10MF	2	#10 ORS SWIVEL NUT RUN TEE	PRESSURE/RETURN STACK VALVE
<b>LATE SERIAL NUMBER ADAPTERS</b>				
NS	HA-L-16MF16MO	1	#16 MORB X #16 MORS 90°	SUCTION PORT (RES)
NS	HA-M-16FF16MF	2	#16 FORS X #16 MORS SWIVEL NUT RUN TEE	SUCTION PORT (RES)
NS	HA-S-4MF4MO	2	ADAPTER, HIC MANIFOLD, MOD	PRESSURE & RETURN OF HIC MANIFO
NS	HA-S-8FF4MF	2	#8 FORS X #4 MORS REDUCER	P/T TRIM MANIFOLD
<b>COMMON ADAPTERS</b>				
NS	HA-Y-4MF4MF	2	#4 MORS UNION TEE	SLAVE/MASTER UNION

Model 2970S Hillco Leveling System  
 For Serial Numbers 2970S-1301 thru 2970S-1399  
**HYDRAULIC ADAPTERS (CONTINUED)**

<b>NORTHWEST OPTION ADAPTERS</b>				
NS	HA-E-10MO	1	#10 MORB SOCKET HEAD PLUG (ZERO-LEAK)	"T" PORT
NS	HA-L-12MF10MO	1	#10 MORB X #12 MORS 90°	"P" PORT
NS	HA-S-12MF10MO	1	#10 MORB X #12 MORS STR	"T" PORT
NS	HA-L-8MF8MO	2	#8 MORB X #8 MORS 90°	"A" & "B" LEVELING PORTS
NS	HA-L-4MF4MO	1	#4 MORB X #4 MORS 90°	LOAD SENSE SHUTTLE
NS	HA-S-6FO10MO	1	#6 FORB X #10 MORB STR	"P" PORT
NS	HA-T-6MF6MO	1	#6 MORS X #6 MORB STR THREAD RUN TEE	CASE DRAIN
NS	HA-C-6FF	1	#6 FORS CAP	CASE DRAIN
<b>MIDWEST OPTION ADAPTERS</b>				
NS	HA-L-16MF16MO	1	#16 MORB X #16 MORS 90°	SUCTION PORT PUMP
NS	HA-M-10MF10MO	1	#10 MORS X #10 MORB STR THREAD RUN TEE	PRESSURE PORT
NS	LA-263651	1	HM ORIFICE ASM, PUMP ASM	MIDDLE LEG OF TEE

Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399

**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	2	DANGER - CRUSHING HAZARD	ON SIDES OF DA ASM
NS	LL20-100784	2	DECAL, DANGER PINCH POINT	RH & LH UPPER TRANS FACE PLT
NS	LL20-100786	1	WARNING ELECTRONIC CRUSHING HAZARD	FRONT OF CONTROL BOX
NS	LL20-100787	1	CAUTION - LEVELING SYSTEM HAZARD	ON LADDER PLATFORM
NS	LL20-100788	1	DANGER - HYDRAULIC HAZARD	ON SIDE OF COMBINE ABOVE THE HYDRAULIC MANIFOLD
NS	LL20-100788	0	DANGER - HYDRAULIC HAZARD	1 - EACH MAIN CYLINDER
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-141301	2	DECAL, SIDEHILL LEVELING SYSTEM	SIDE OF COMBINE
NS	LL-143621	2	DANGER, AVOID CRUSHING INJURY	IN AREA NEAR SAFETY STOP STORAGE LOCATION
NS	LA-255961	1	TAG, SERIAL NUMBER	
NS	D-070326ADL01A	1	MANUAL, PARTS	
NS	D-060609SGD01	1	MANUAL, OPERATORS	
HOSE CLAMPS AND FASTENERS				
NS	MC-137521	3	TANDEM CLAMPING HALVES BEHRINGER (PAIR)	HYDROSTAT HOSES
NS	MC-137531	3	COVER PLATE W/ 5/16 HOLE (BEHRINGER)	HYDROSTAT HOSES
NS	F-HCF-08M090F	2	FLHC-8.8 M8 X 1.25 X 90	BEHRINGER CLAMP FOR HYDRO HOSES
NS	F-HNF-08ME	5	FLHN-10.9 M8 X 1.25	BEHRINGER CLAMP FOR HYDRO HOSES
NS	F-HC-08M100F	2	HC-8.8 M8 X 1.25 X 100	BEHRINGER CLAMP FOR HYDRO HOSES
NS	F-HC-08M120F	1	HC-8.8 M8 X 1.25 X 120	BEHRINGER CLAMP FOR HYDRO HOSES
NS	MC-135631	2	CLAMP, HOSE 1-1/2 R/C W 3/8 HOLE	CLAMP, GREASE LINES/ TRIM HOSES
NS	HC-142061	1	SLEEVE, ABRASION,SHIFT CABLE 36"	SLEEVE, ABRASION, SHIFT CABLE
NS	HC-139221	2	CLAMP, 1/4" TUBE TANDEM (PAIR)	BRAKE LINES
NS	HC-139231	4	CLAMP, COVER PLATE FOR 1/4" TUBE CLAMP	BRAKE LINES
NS	F-HNF-08ME	1	FLHN- 10.9 M8 X 1.25	BRAKELINE TANDEM CLAMP
NS	F-HCF-8M050E	1	FLHC- 10.9 M8 X 1.25 X 50	BRAKELINE TANDEM CLAMP
NS	HC-143601	3	CLAMP, HOSE 1-1/8" R/C 3/8" HOLE	GREASE HOSES & MASTER CYLINDER HOSES
NS	MC-135631	1	CLAMP, HOSE 1-1/2 R/C 3/8" HOLE	CLAMP TRIM HOSES UNDER FEEDER HOUSE
NS	HC-143601	1	CLAMP, HOSE 1-1/8" R/C 3/8" HOLE	CLAMP TRIM HOSES UNDER FEEDER HOUSE
NS	HC-143601	2	CLAMP, HOSE 1-1/8" R/C 3/8" HOLE	CASE DRAIN HOSE
NS	MC-101343	2	CLAMP, HOSE 2-7/16" R/C 3/8" HOLE	PRESSURE AND RETURN HOSES ABOVE HYDRO HOSES
NS	F-HCF-8M020E	2	FLHC-10.9 M8 X 1.25 X 20	HOSE CLAMPS FROM MANIFOLD TO OC
NS	F-HNF-8ME	2	FLHN-10.9 M8 X 1.25	HOSE CLAMPS FROM MANIFOLD TO OC
NS	MC-135791	4	CLAMP, HOSE 7/8" R/C W/ 3/8 HOLE	SHIFTING CABLE & HDR LIFT CYL HOSE
NS	HC-133541	1	ABRASION SLEEVE	LEVELING AND TRIM HOSES FROM OC
NS	HC-143581	2	SLEEVE, ABRASION	MASTER & SLACE CYLINDER HOSES

## 8 PART NUMBER INDEX

PART NUMBER	PAGE NUMBER		PART NUMBER	PAGE NUMBER		PART NUMBER	PAGE NUMBER
D-060609SGD01	7-1		F-HNF-04C	5-2		HA-L-4MF6MO	6-9
D-080912ADL01A	7-1		F-HNF-05F	6-4		HA-L-6FF6MF	6-9
EC-100557	5-2		F-HNF-08ME	2-4, 3-4, 7-1		HA-L-6MF6MO	6-9
EC-100692	5-2		F-HNF-10ME	3-4, 6-6		HA-L-6MO6MO	6-9
EC-138781	5-2		F-HNF-16ME	2-4, 3-4		HA-L-8MF8MO	6-9, 6-10
EC-142101	5-2		F-HNF-8ME	6-4, 7-1		HA-M-10FF10MF	6-9
EC-142121	5-2		F-HNF-8MF	3-4		HA-M-10MF10MO	6-10
EC-146481	5-2		F-HNN-06MF	3-4		HA-M-16FF16MF	6-9
F-CB-10M050F	2-4		F-HNN-10MF	2-4		HA-M-6FF6MF	6-9
F-CB-16M050E	2-4		F-HNN-8MF	3-2		HA-NJ-2FN	6-9
F-FHS-8M030E	2-4		F-HNS-12C	3-4		HA-S-12MF10MO	6-10
F-FWF-06020	3-4		F-HNS-12ME	2-4, 3-4		HA-S-12MF12MO	6-9
F-FWH-10	3-4		F-HNS-16ME	2-4		HA-S-16FF12MF	6-9
F-HC-06M035E	3-4		F-HNS-8ME	2-4		HA-S-2FP2MN	6-9
F-HC-08M100F	7-1		F-HNSF-16ME	4-2		HA-S-4MF4MO	6-9
F-HC-08M120F	7-1		F-LW-#10	6-4, 6-6		HA-S-6FO10MO	6-10
F-HC-10M070E	2-4		F-LW-04	5-2		HA-S-8FF4MF	6-9
F-HC-16M050E	2-4		F-LWH-07	6-2		HA-S-8MF8MO	6-9
F-HC-16M110E	3-4		F-LWHC-07	6-2		HA-T-16MF16MO	6-9
F-HC-16M120E	2-4, 3-4		F-MB-14NR40	2-4		HA-T-6MF6MO	6-10
F-HC-16M250E	4-2		F-PCT-02X16	2-4		HA-Y-4MF4MF	6-9
F-HC5-04C12	5-2		F-PHM-#10C08	5-2		HC-101264	6-4
F-HC8-07C24	6-2		F-PHM-#10C16	5-2		HC-101843	6-2
F-HC8-07C44	6-2		F-PHM-#10C28	5-2		HC-133541	7-1
F-HC8-07C52	6-2		F-PHM-#6C06	5-2		HC-134201	6-2
F-HC8-12C240	3-4		F-PHM-#6C08	5-2		HC-134911	6-2
F-HC-8M020E	2-4		F-PHM-04C24	5-2		HC-135771	6-9
F-HCF-05C08	6-4, 6-6		F-PHM-04C36	5-2		HC-137891	6-2
F-HCF-06M016E	5-2		F-SHC-#10C32	6-6		HC-137901	6-2
F-HCF-08M035E	6-4		F-SHC-#10C52	6-4		HC-138011	6-9
F-HCF-08M090F	7-1		F-SHC-04C28	6-4		HC-138581	2-2, 6-2
F-HCF-10M020E	6-4		F-SHC-07C20	6-2		HC-138861	6-4
F-HCF-10M030E	6-6		F-SHC-24M080E	3-4		HC-138901	3-2, 6-2
F-HCF-10M040E	3-4		F-SSS-04F04	6-2		HC-139161	6-2
F-HCF-12M035E	3-4		F-UDS-#7X06	3-4		HC-139171	6-2
F-HCF-12M040E	2-4		HA-133131	6-7		HC-139221	7-1
F-HCF-12M040F	3-4		HA-C-6FF	6-10		HC-139231	7-1
F-HCF-16M040E	2-4		HA-E-10MO	6-10		HC-140312	3-2, 6-2
F-HCF-16M060E	4-2		HA-E-12MO	6-9		HC-140341	3-2, 6-2
F-HCF-16M070E	4-2		HA-E-8MO	6-9		HC-140361	6-2
F-HCF-8M020E	2-4		HA-K-6MF6MO	6-9		HC-140411	6-4
F-HCF-8M020E	3-4, 7-1		HA-L-10FF10MF	6-9		HC-141281	6-2
F-HCF-8M020F	3-4		HA-L-12MF10MO	6-10		HC-142061	7-1
F-HCF-8M050E	7-1		HA-L-12MF12MO	6-9		HC-142451	6-2
F-HN-#10C	5-2		HA-L-12MF16MO	6-9		HC-142991	6-4
F-HN8-07C	6-2		HA-L-16MF16MO	6-9, 6-10		HC-143001	6-4
F-HNF-#10C	5-2		HA-L-2FP2MP	6-9		HC-143011	6-6
F-HNF-#6C	5-2		HA-L-4MF4MO	6-9, 6-10		HC-143071	6-4

Model 2970S Hillco Leveling System  
For Serial Numbers 2970S-1301 thru 2970S-1399  
**PART NUMBER INDEX (CONTINUED)**

PART NUMBER	PAGE NUMBER		PART NUMBER	PAGE NUMBER		PART NUMBER	PAGE NUMBER
HC-143101	6-2		LA-255631	5-4		LM-250534	2-2
HC-143361	6-2		LA-255643	5-4		LM-250541	2-2
HC-143371	6-2		LA-255821	5-4		LM-250561	2-2
HC-143441	6-4		LA-255961	3-2, 7-1		LM-250571	2-2
HC-143581	7-1		LA-260222	5-4		LM-250581	2-2
HC-143601	7-1		LA-260242	5-4		LM-255331	5-2
HC-143981	6-4		LA-260721	2-2		LM-260301	5-2
HC-143991	6-4, 6-6		LA-260772	2-2		LM-260591	3-2
HC-145431	6-6		LA-260851	2-2		LM-260821	2-2
HC-145441	6-6		LA-260861	2-2		LM-261081	6-2
HC-145501	6-6		LA-261021	2-2		LM-261091	3-2
HC-145511	6-6		LA-261191	5-2		LM-265501X	5-2
HC-145861	6-8		LA-261371	3-2		LM-265511X	5-2
LA-130371	6-7		LA-262021	3-2		LP-230241	3-2
LA-134822	6-8		LA-263261	6-4		LP-234653	5-2
LA-134832	6-8		LA-263411	6-7		LP-235092	4-2
LA-134862	6-8		LA-263521	6-6		LP-247961	3-2
LA-134872	6-8		LA-263531	6-7		LP-250522	2-2
LA-138942	6-7		LA-263542	6-7		LP-250551	2-2
LA-138951	6-7		LA-263551	6-7		LP-252241	3-2
LA-138962	6-7		LA-263562	6-7, 6-8		LP-258221	3-2
LA-138972	6-7		LA-263571	6-7, 6-8		LP-260791	2-2
LA-138981	6-7		LA-263601	5-4		LP-260801	2-2
LA-139113	6-7		LA-263611	5-4		LP-260811	2-2
LA-139132	6-7		LA-263621	5-4		LP-261121	3-2
LA-140383	6-7		LA-263651	6-2, 6-10		LP-261351	2-2
LA-140402	6-7		LA-263671	5-4		LP-261431	3-2
LA-141093	6-7		LA-263681	5-4		LP-261531	3-2
LA-143472	6-7		LA-264171	3-2		LP-263311	6-4
LA-143482	6-7		LA-264501	3-2		LP-263321	6-4
LA-143681	6-7		LA-264511	3-2		LTP-241721	2-2
LA-145721	6-8		LA-265581	5-4		MC-101343	7-1
LA-145731	6-8		LA-265771	5-4		MC-135531	2-2
LA-145741	6-8		LA-265781	5-2		MC-135631	7-1
LA-145751	6-7		LA-265801	5-2		MC-135791	7-1
LA-145761	6-7		LA-265831	5-2, 5-4		MC-137521	7-1
LA-145901	6-8		LA-267621	5-4		MC-137531	7-1
LA-230552	3-2		LA-270092	5-2		MC-138641	3-2
LA-235711	3-2		LL-133741	7-1		MC-138651	3-2
LA-247093	3-2		LL-141301	7-1		MC-140261	2-2
LA-247284	3-2		LL-143621	7-1		MC-141551	3-2
LA-247482	3-2		LL20-100782	7-1		MC-142261	2-2
LA-249684	6-4		LL20-100783	7-1		MC-142921	3-2
LA-250163	2-2		LL20-100784	7-1		MC-143461	2-2
LA-250243	2-2		LL20-100786	7-1		MC-143591	2-2
LA-250713	2-2		LL20-100787	7-1		MC-143632	2-2
LA-252462	5-4		LL20-100788	7-1		MC-143641	2-4
LA-253131	3-2		LM-226841	2-2		MC-143711	3-4
LA-253883	2-2, 3-2		LM-229192	2-2		MC-143721	3-4
LA-254013	4-2		LM-248781	3-2			