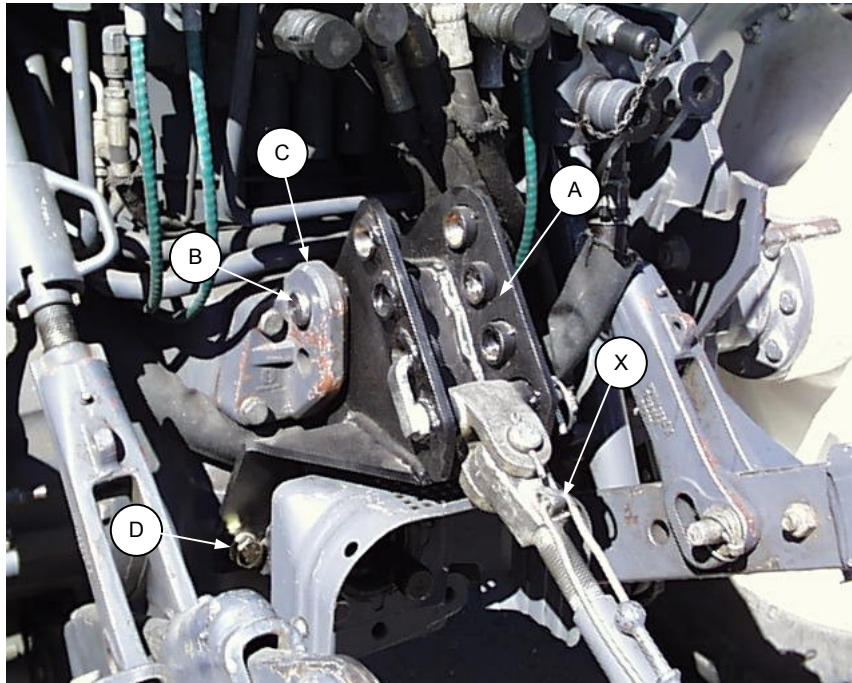


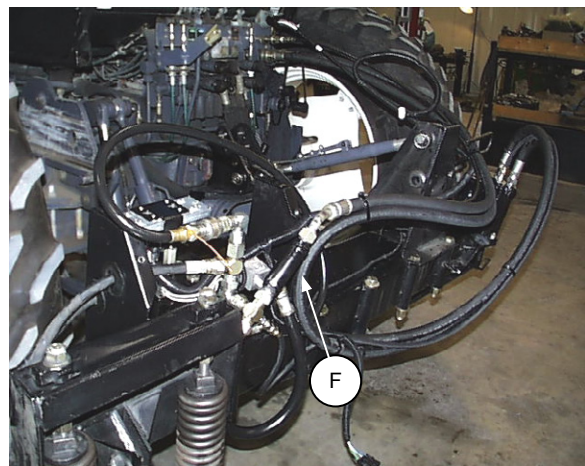
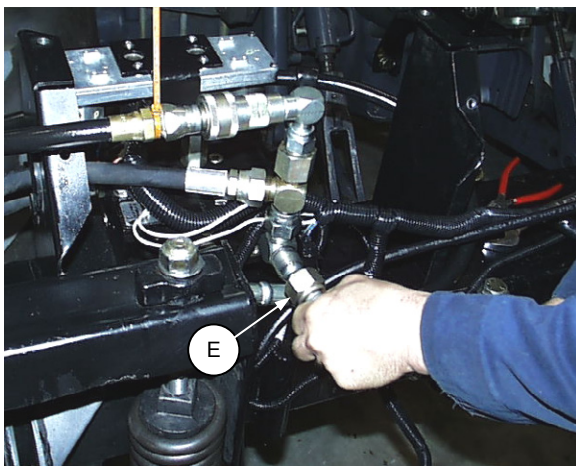
Model 801 Adapter For TV 140 with Auxiliary Pump REWORK INSTRUCTIONS

NOTE: This rework applies to all 801 adapters mounted on TV 140 tractors, plus all MacDon inventory.
Provide Operator's Manual 46479 Issue 05/99 plus insert 46755 with all reworked 801 Adapters.

1. a. Replace the 3-point hitch center link supplied with adapter with original New Holland center link support (C) and spacer plates that came with the tractor.
NOTE: Do not tighten hardware.
 - b. Install new support (A) using 28mm clevis pin (B) and lynch pin supplied with kit.
 - c. Bolt new support (A) to back of tractor using two 3/4 NC x 1-3/4" bolts and lockwashers (D) as shown.
 - d. Install center link (X) in the lowest hole in center link support, using the New Holland pin as shown.
 - e. Tighten all hardware.
- NOTE:** To prevent damage to the center link support, use New Holland pin supplied with tractor to secure the center link to the support. Use the MacDon pin (B) supplied in kit in place of the N.H pin.

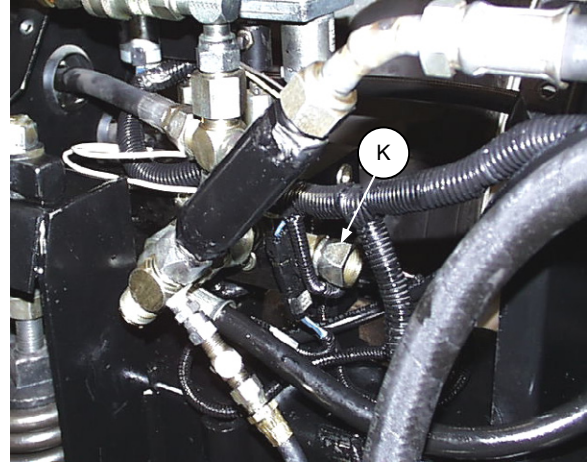
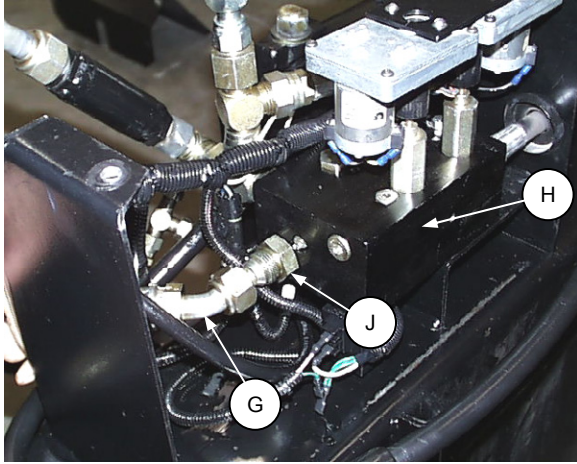


2. Remove and discard return hose (E) & pressure hose (F) from adapter (salvage the couplers).

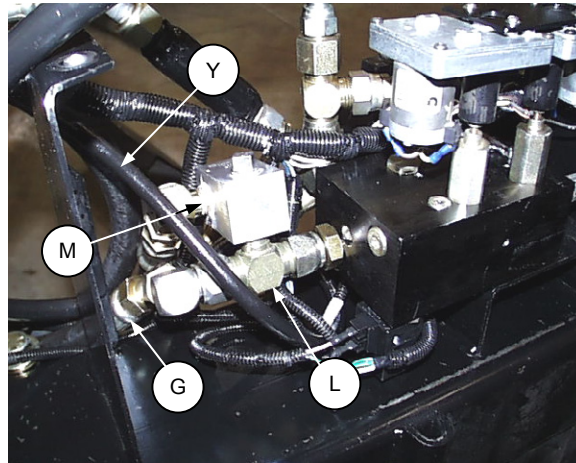


Model 801 Adapter For TV 140 with Auxiliary Pump REWORK INSTRUCTIONS

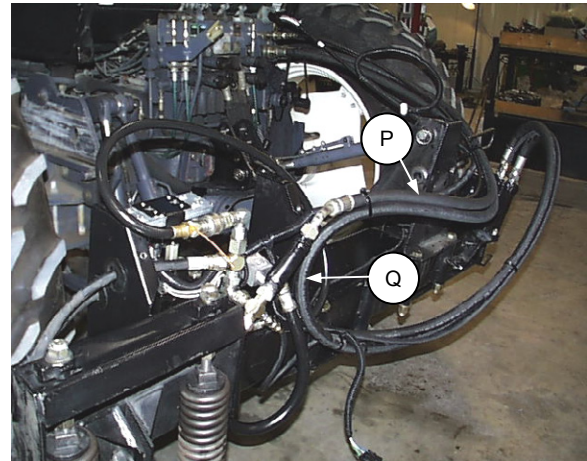
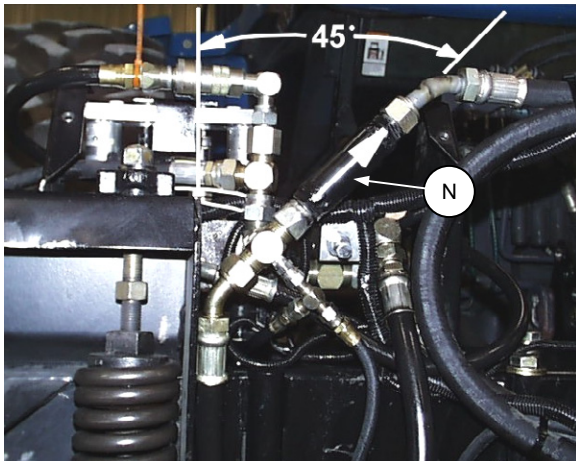
3. At valve (H), disconnect hose (G) that runs between the sickle motor and valve (H). Remove fitting (J) from the valve and replace it with larger fitting (K) (#12 orb) supplied with the kit.



4. Install relief valve assembly (L) and replace hose (G) removed in step 3. The hose may have to be loosened at the sickle motor end and then retightened after the hose is assembled.
NOTE: (M) depicts port #2 on the relief valve, to be used in step 6.

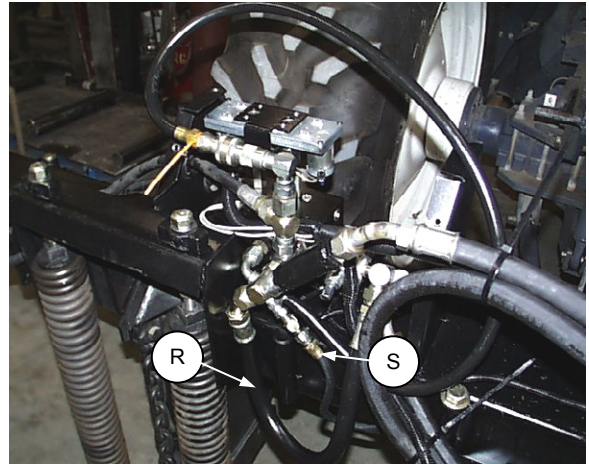
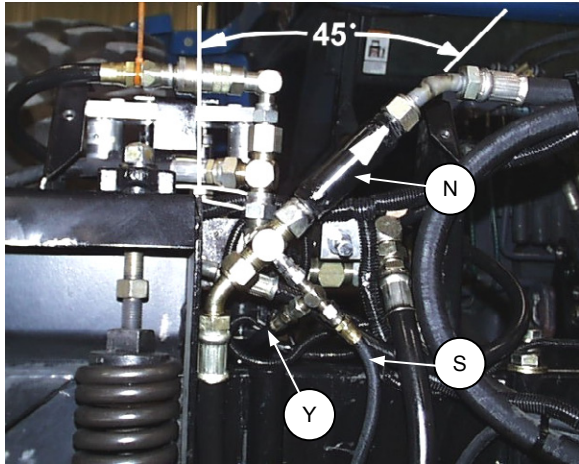


5. Install check-valve assembly (N) supplied with kit and orient as shown. Install new return hose (P) and pressure hose (Q) supplied with kit.

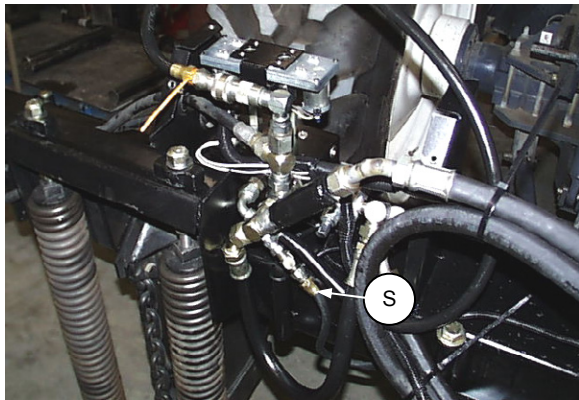


Model 801 Adapter For TV 140 with Auxiliary Pump REWORK INSTRUCTIONS

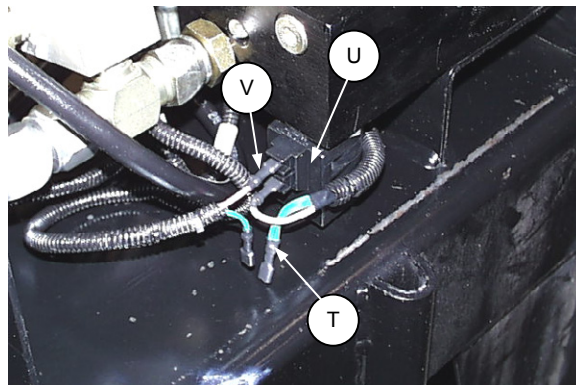
6. Install the new relief bypass hose (R) and case drain hoses (S) & (Y) supplied with kit. (Hose Y) has a female coupler - see step 4 for routing). Place the couplers removed in step 2 onto the new hoses (P) & (Q) (see step 5). Tie hose (Y) to hoses (P) & (Q), using the cable ties supplied with the kit.
NOTE: To prevent damage to hoses when attaching to header, ensure that they are as close to frame as possible before tightening.
NOTE: Arrow on relief valve in picture below shows the free flow direction.
NOTE: Hose (R) goes to port #2 on the relief valve at the elbow (see (M) in picture in step 4).



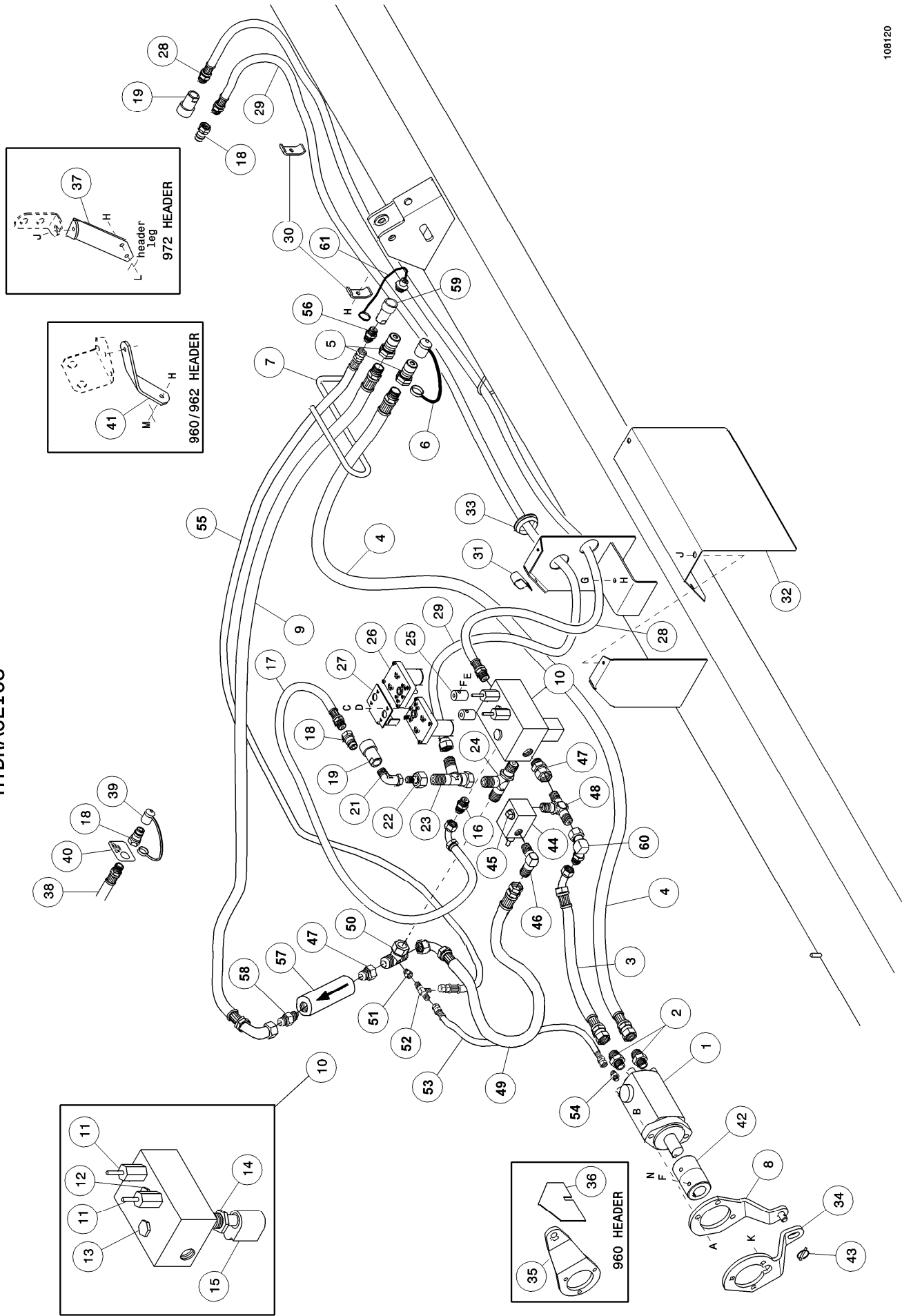
7. Install the smallest fitting (#4 orb) in the kit in the sickle motor case drain port.
8. Install the open end of the remaining 1/4" hose (S) on the case drain fitting on the sickle motor.
NOTE: Cable tie hose (S) to the 3/4" hoses going to motor as shown.



9. This step should **NOT** be completed unless the adapter is installed on a TV 140 tractor with an Auxiliary Pump.
Remove the double green wire (T) from solenoid (U) and install pink wire (V).
NOTE: White wire remains on solenoid.



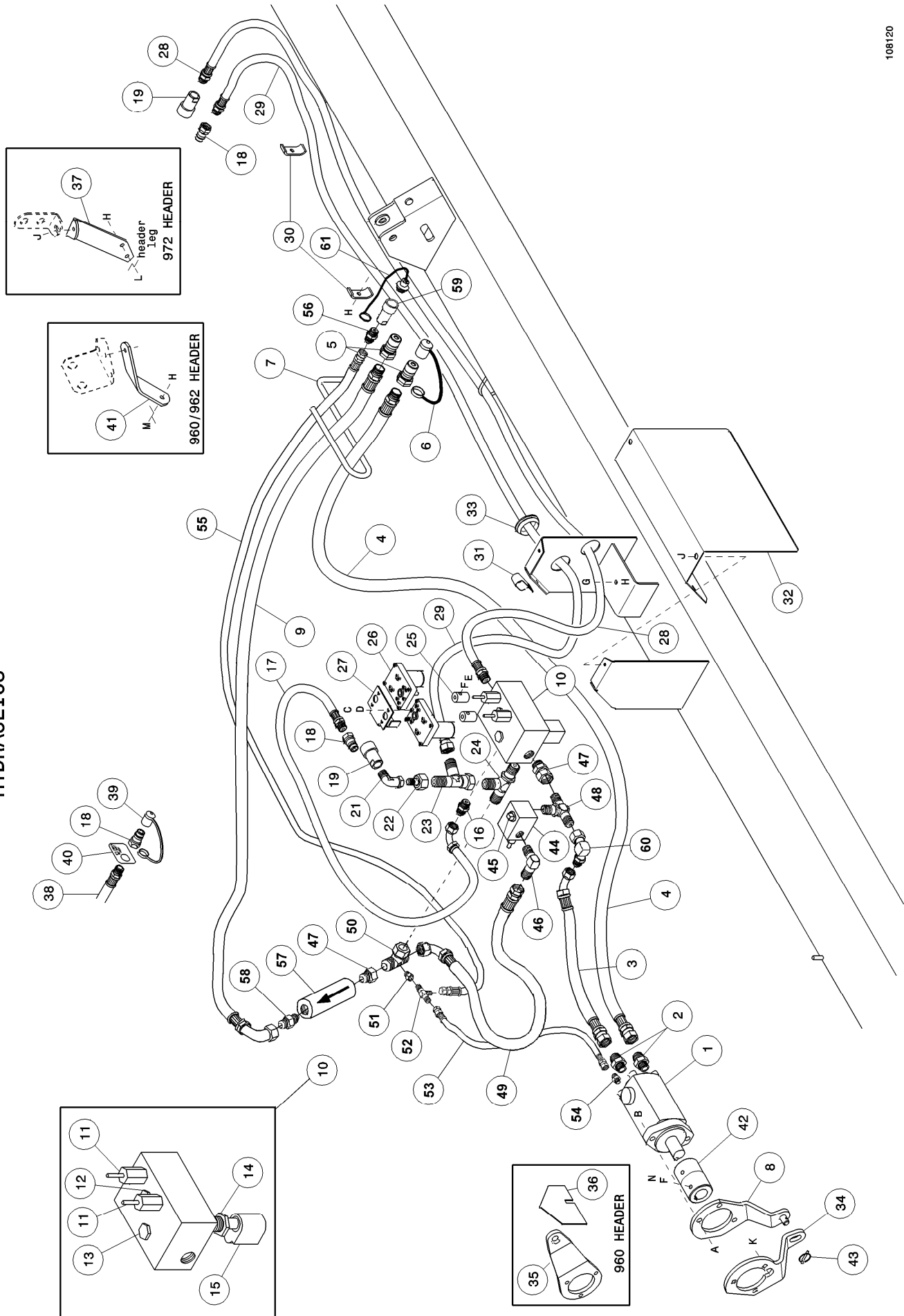
HYDRAULICS



**Model 801 Adapter For TV 140 with Auxiliary Pump
REWORK INSTRUCTIONS**

REF	PART NUMBER	DESCRIPTION	QTY.	SERIAL NUMBER
1	108063	MOTOR – hydraulic	1	
	40569	SEAL KIT – for motor 108063		
2	30610	FITTING – adapter, 7/8 O-ring x 3/4 tube.....	2	
	44210	O-RING – for 7/8 fitting		
3	108093	HOSE – motor “A” port to valve “P” port.....	1	
4	108515	HOSE – motor “B” port to tractor PRESSURE coupler	1	
5	30871	COUPLER – male, 1 1/16 ORB.....	2	
6	50105	CAP – dust, for coupler 30871	2	
7	108160	SUPPORT – hose.....	1	
8	108133	ARM – torque, motor mounted	1	
9	108516	HOSE – tractor RETURN coupler to valve “T” port.....	1	
10	108519	VALVE – combination, includes items 11-15	1	
	45101	SEAL KIT – repairs <i>one</i> valve cartridge		
11	45109	FLOW CONTROL	2	
	45123	SETSCREW – for flow control 45109		
12	45110	VALVE – shuttle.....	1	
13	45111	VALVE – regulator	1	
14	45107	VALVE – N.C.	1	
15	45104	COIL – DS, 12VDC.....	1	
16	30695	FITTING – adapter, 7/8 O-ring x 5/8 tube.....	1	
	44210	O-RING – for 7/8 fitting		
17	40512	HOSE – valve “C” port to header draper pressure hose	1	
18	21855	COUPLER – male, 1/2 NPT	3	
19	21857	COUPLER – female, 1/2 NPT	2	
	50082	O-RING – for coupler 21857		
20	21830	FITTING – adapter, 1 1/16 O-ring x 3/4 tube.....	1	
	30971	O-RING – for 1 1/16 fitting		
21	50018	FITTING – elbow, 90°, 5/8 tube female x 1/2 NPT male	1	
22	30973	FITTING – reducer, 5/8 tube male x 3/4 tube female	1	
23	50086	FITTING – swivel run tee, 3/4 tube male (2) x 3/4 tube female.....	1	
24	30858	FITTING – straight thread run, 3/4 tube male (2) x 1 1/16 O-ring	1	
	30971	O-RING – for 1 1/16 fitting		
25	40567	HUB – connector, electric motor to valve	2	
26	42369	MOTOR – electric	2	
27	40682	STOP – motor	1	
28	43617	HOSE – valve “R” port to header reel pressure hose.....	1	
29	108141	HOSE – header reel return to tee at valve	1	
30	32225	HOLDER – hose	2	
31	103738	HOLDER – hose	1	
32	108110	COVER – valve assembly	1	
33	45298	GROMMET	2	
34	108134	ARM – torque, header mounted, 962 & 972 Headers	1	
35	108136	ARM – torque, header mounted, 960 Header	1	
36	108155	SHIELD – motor drive, 960 Header.....	1	
37	108175	SUPPORT – reel coupler mount, 972 2-Reel Arm Headers	1	
38	36848	HOSE – reel lift extension, 960 & 962 Headers	1	
	40333	HOSE – reel lift extension, 972 Header.....	1	
39	21856	CAP – dust, for coupler 21855	1	
40	49417	TAG – hose routing instruction	1	
41	40695	SUPPORT – reel drive coupler mount, 960 & 962 Headers	1	
42	108065	COUPLING – motor, 1 3/8 inch shaft, 962 & 972 Headers	1	
	108066	COUPLING – motor, 1 3/16 inch shaft, 960 Header	1	
43	50193	PIN – lynch	1	

HYDRAULICS

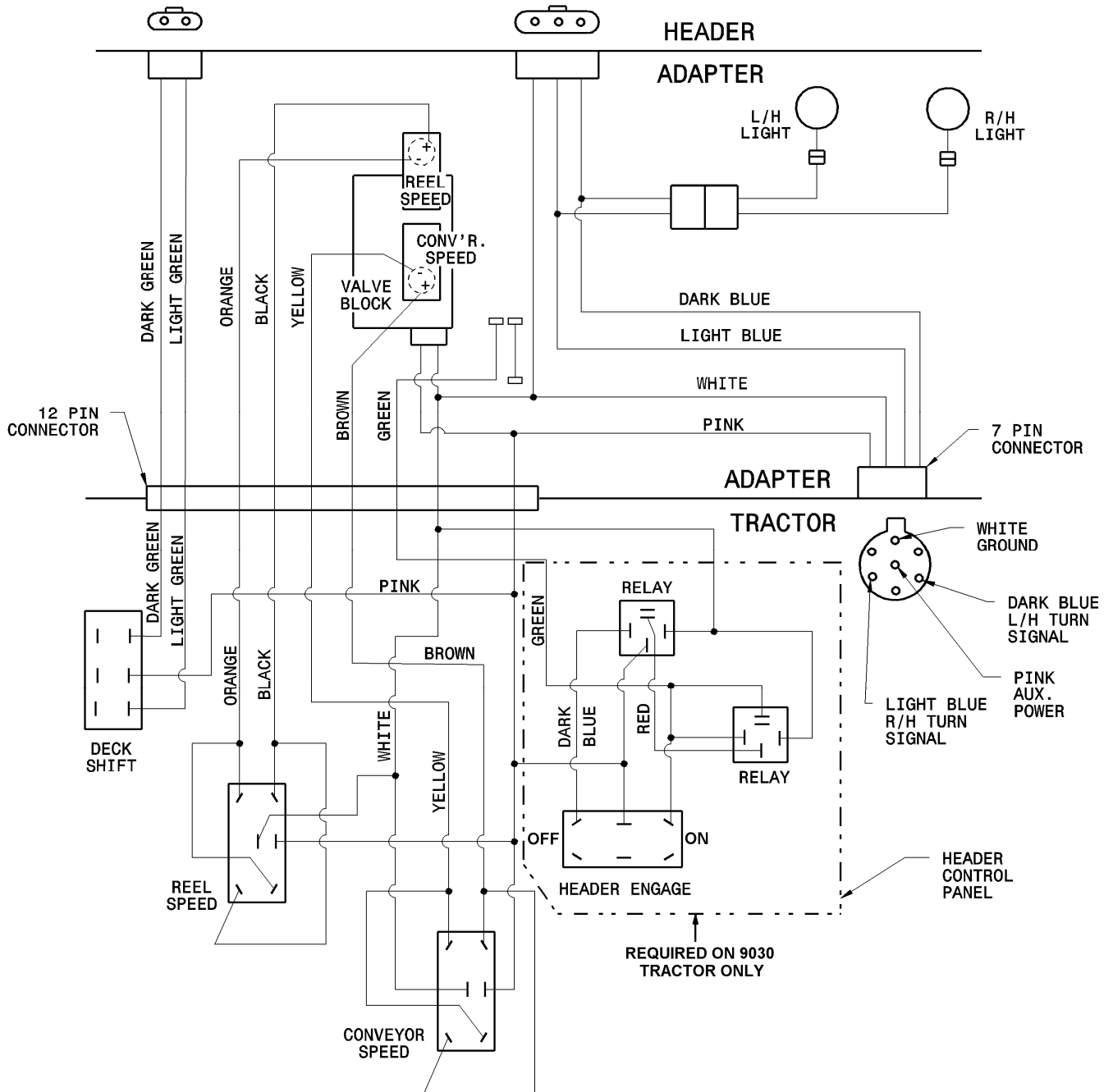


**Model 801 Adapter For TV 140 with Auxiliary Pump
REWORK INSTRUCTIONS**

REF	PART NUMBER	DESCRIPTION	QTY.	SERIAL NUMBER
44	24508	VALVE – hydraulic.....	1	
45	30262	FITTING – plug, magnetic pipe, ½ NPT.....	1	
46	50077	FITTING – hydraulic, elbow, SAE #12-8.....	1	
47	40241	FITTING – adapter.....	2	
48	21832	FITTING – tee.....	1	
49	44195	HOSE – hydraulic.....	1	
50	108513	FITTING – tee.....	1	
51	108502	FITTING – restrictor.....	1	
52	135005	FITTING – hydraulic, tee.....	1	
53	31802	HOSE – hydraulic.....	1	
54	100790	FITTING – hydraulic, adapter.....	1	
55	31805	HOSE – hydraulic.....	1	
56	114141	FITTING – hydraulic, adapter.....	1	
57	108501	VALVE – check.....	1	
58	21830	FITTING – hydraulic, adapter.....	1	
59	108226	COUPLER – hydraulic, female.....	1	
60	50175	FITTING – elbow, 90° swivel, ¾ JIC male x ¾ female.....	1	
61	21858	PLUG – dust.....	1	
A	21565	BOLT – hex head, ½ NC x 1 ¾ inch		
B	18697	NUT – lock, ½ NC distorted thread		
C	30955	SCREW – machine, #8 x 5/16 inch		
D	21185	WASHER – lock, #10 internal tooth		
E	21248	SCREW – set, 3/8 NC x ¾ inch		
F	18664	NUT – hex jam, 3/8 NC		
G	21593	BOLT – hex head, 3/8 NC x 4 inch		
H	30228	NUT – lock, smooth flange, 3/8 NC distorted thread		
J	101898	SCREW – flange head, self-tapping, 3/8 x 5/8 inch		
K	19966	BOLT – round head, square neck, 3/8 NC x 1 ¼ inch		
L	19965	BOLT – round head, square neck, 3/8 NC x 1 inch		
M	21863	BOLT – round head, short square neck, 3/8 NC x ¾ inch		
N	18908	SCREW – set, 3/8 NC x 1 inch		

Model 801 Adapter For TV 140 with Auxiliary Pump REWORK INSTRUCTIONS

ELECTRICAL SCHEMATIC FOR TV 140 WITH AUXILLARY PUMP - REWORK:



Model 801 Adapter For TV 140 with Auxiliary Pump REWORK INSTRUCTIONS

801 ADAPTER – HYDRAULIC SCHEMATIC:

