



Electric Lift Kit

Model 50960

Installation Instructions With Parts List

INSTALLATION

Disconnect battery cable from negative (-) battery terminal.

Remove manual lift lever and lift shaft assembly.

Install new lift shaft assembly as follows:

1. Install lift shaft "A" Figure 1, by inserting long end into Right frame rail first. Install short end into bushing "B" in Left frame rail.

2. With flange to outside, install other bushing "B" over right end of lift shaft and press in frame until bushing flange bottoms against frame rail.

3. Place a shim washer "C" Figure 1, over each end of lift shaft as necessary (no more than two shims total) and secure assembly with retainer ring "D" on each end.

Secure support brackets "E" Figure 1, to Left frame rail with 3/8-16 x 1 flange capscrews and nuts as shown in Figure 1.

The mounting holes for this bracket are predrilled in the Left frame rail.

Position actuator "F" between the lift arms and secure with 1/2 x 2-1/4 clevis pin "G", two 1/2 flat washers and spring cotters as shown in Figures 1 and 2. Note: The flat washers are to be installed under the head of the clevis pin.

Position opposite end of actuator in support bracket as shown and secure with 1/2-13 x 2-1/4 hex capscrew and locknut "H". See Figures 1 and 2.

If a knockout is not provided in the instrument panel for the lift switch, layout and drill one 1/2 inch (13 mm) hole per dimensions in Figure 3.

Remove the backing from the decal packaged with the unit and install on instrument panel.

Unhook the two straps securing the fuel tank and tip the tank to the side to allow access to the rear of the instrument panel.

Attach the three wire leads to switch "I" Figures 2 and 4, as shown in wiring

diagram. Install switch into drilled hole in instrument panel.

Insert the polarized plug on the "Red" and "Yellow" lead into the polarized receptical "K" of the actuator. See Figure 2.

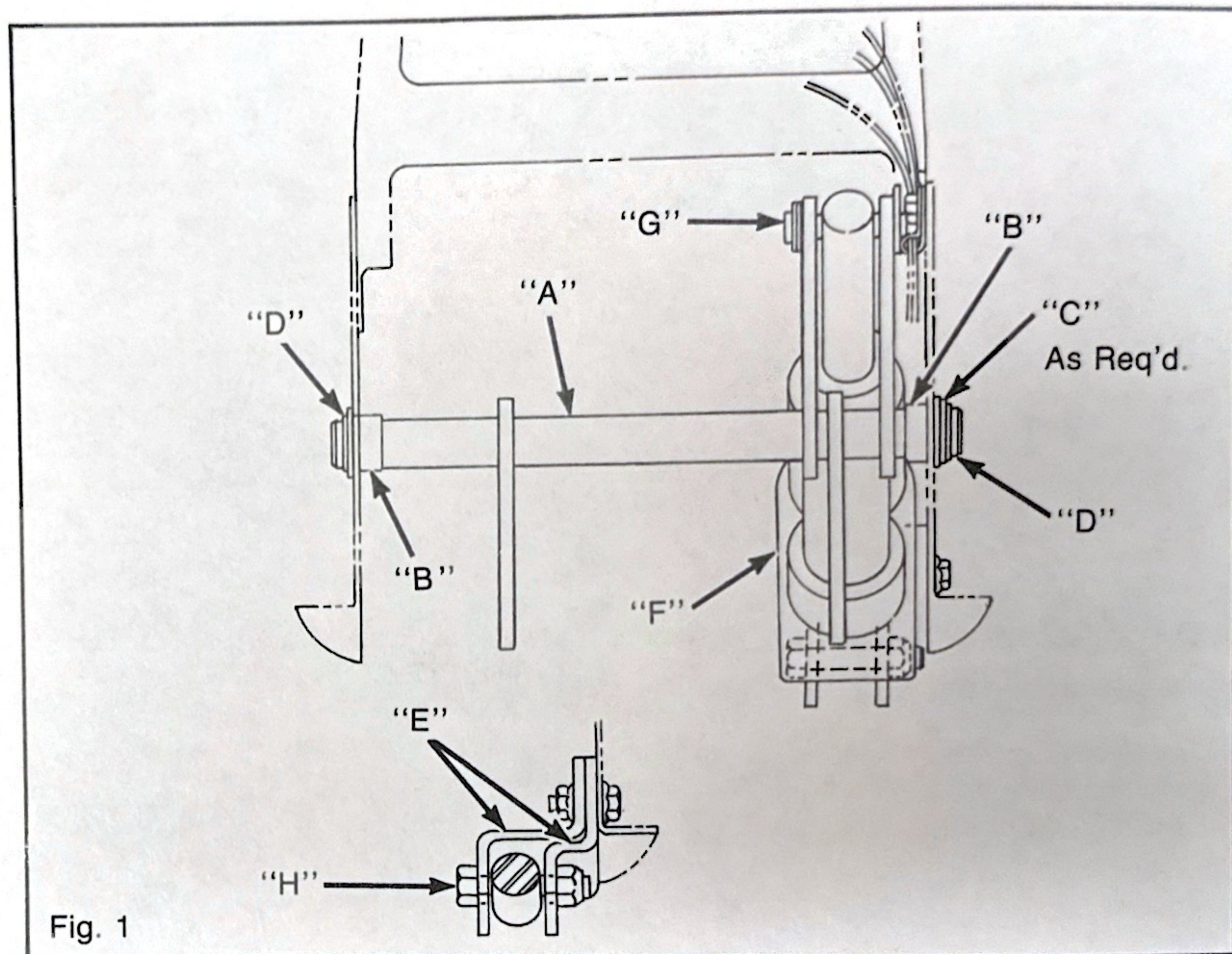


Fig. 1

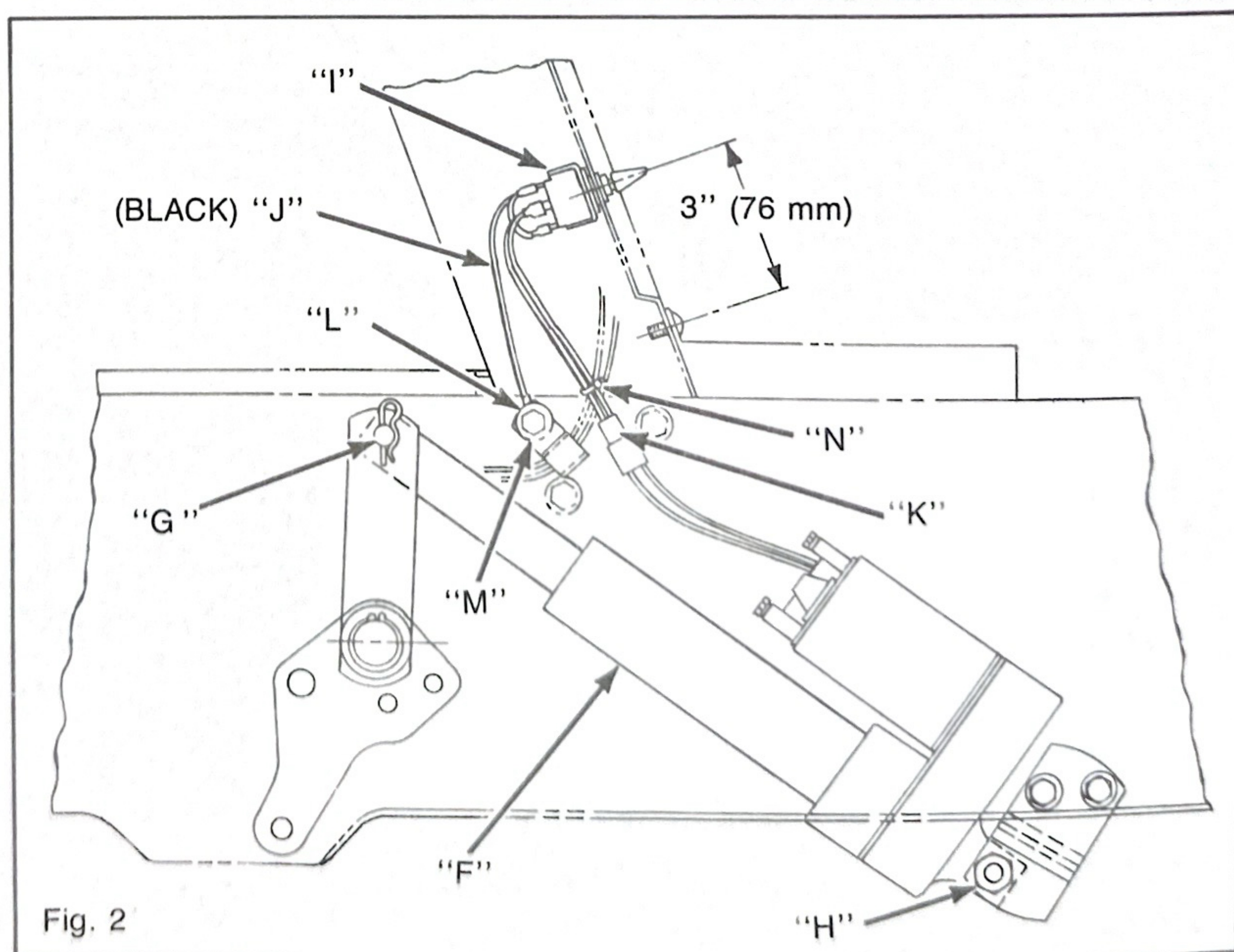


Fig. 2

Attach the free end of the "Red" lead to the "Red" wire from the ignition switch with splicing connector as shown in wiring diagram, Figure 4.

Remove screw from frame at hole "L", Figure 2. Location J-clip "M" in kit. Route throttle and choke cables through it. Slip black ground lead "J" and clip onto screw and fasten with nut removed earlier. It may be necessary to flatten the clip to avoid interference.

NOTE: Scrape paint away from area, the ring terminal will contact frame to insure a good ground connection.

Place tank into its original position and secure with the two holddown straps.

Secure actuator leads to throttle cable as shown in Figure 2 with cable tie "N" furnished.

Reinstall negative (-) battery cable.

Test lift for proper operation. Lift should raise attachment when switch is moved up and lower attachment when switch is moved down. If lift operates in the direction opposite to that described above, reverse the leads on the rear of the switch.

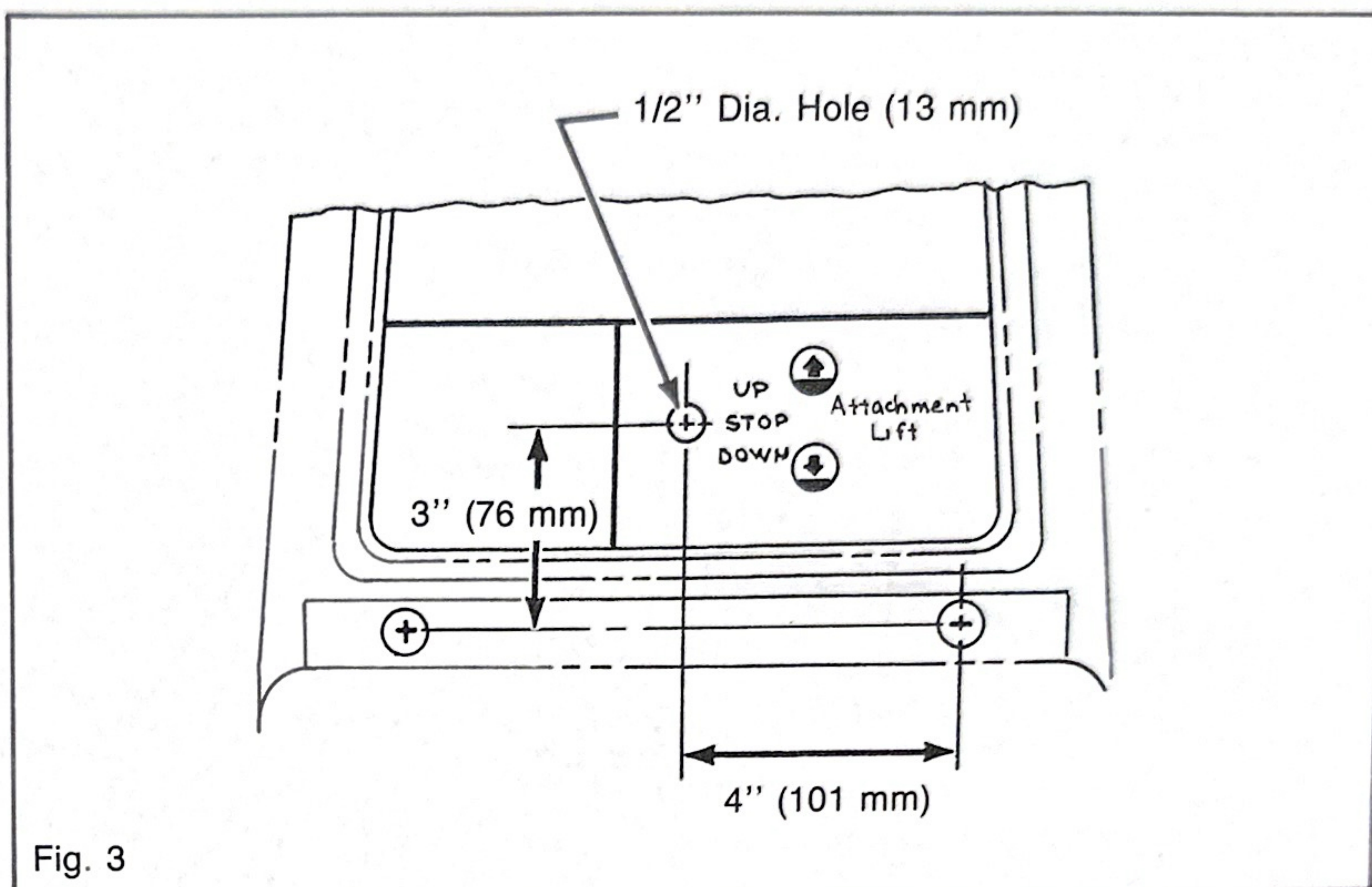


Fig. 3

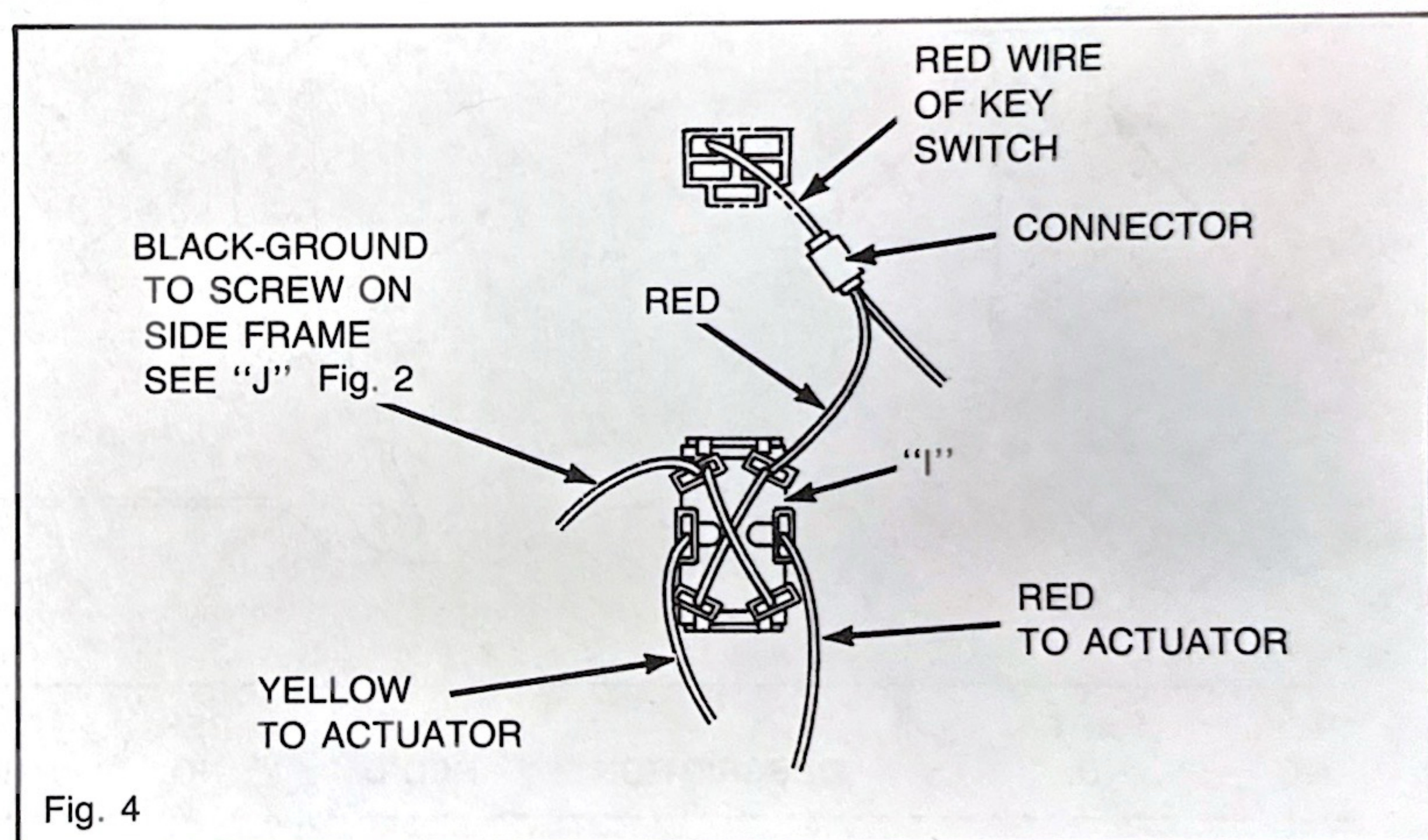


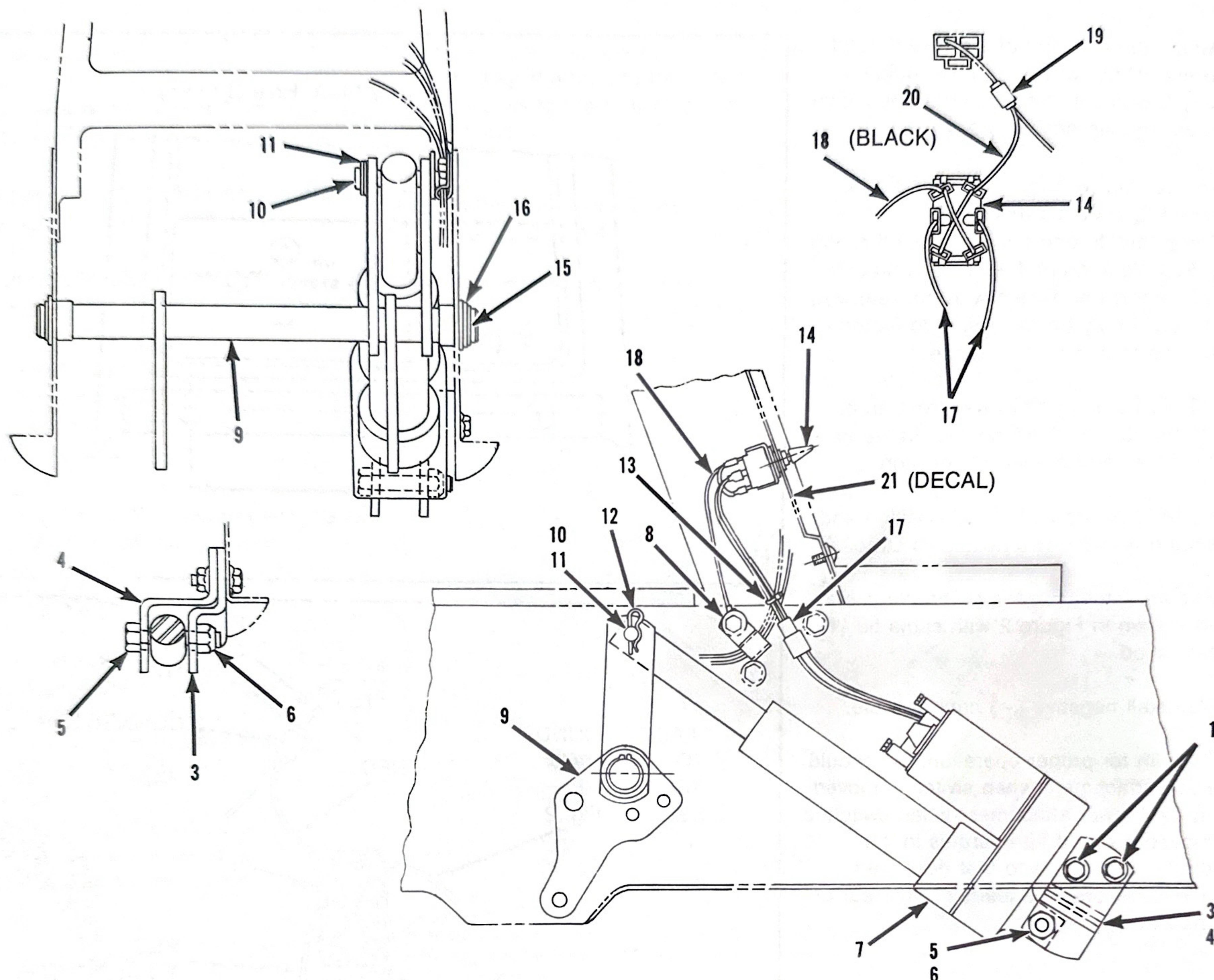
Fig. 4

TROUBLESHOOTING

PROBLEM	PROBABLE CAUSE	REMEDY
Lift does not operate	Main circuit-breaker in tractor tripped	Check tractor wiring for an open circuit or ground
Lift does not reverse direction immediately after operating in one direction	Circuit breaker in unit tripped	Will reset after approximately 10 to 15 seconds
Lift operates in only one direction, stalls and does not move	Wiring not correct on rear of switch	Compare wiring on the rear of switch with wiring diagram and correct as necessary

ELECTRIC LIFT KIT

MODEL 50960



REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.	REF. NO.	PART NO.	DESCRIPTION	NO. REQ'D.
1	• 1186347	Whiz Lock Screw 3/8-16 x 1	2	10	1708336	Clevis Pin 1/2 x 2-1/4	1
2	• 1186393	Whiz Lock Nut 3/8-16	2	11	• 1107385	Flat Washer 1/2	2
3	1742635	Actuator Bracket (Outer)	1	12	1185590	Hitch Pin	1
4	1742636	Actuator Bracket (Inner)	1	13	1805345	Cable Tie	1
5	• 1100075	Hex Hd. Screw 1/2-13 x 2-1/4	1	14	1729315	Switch	1
6	1734514	Locknut 1/2-13	1	15	1118554	Retaining Ring 1"	2
7	1744839	Electric Lift Actuator	1	16	1185816	Flat Washer 1-1/64 x 1-1/2	2
8	1732262	Clamp	1	17	1729319	Actuator Lead	1
9	1744809	Shaft Assembly, Lift	1	18	1729318	Ground Lead	1
				19	1721038	Connector	1
				20	1729317	Ignition Lead	1
				21	1746257	Lift Decal	1

• Common Hardware - Purchase Locally (Grade 5 where applicable)

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