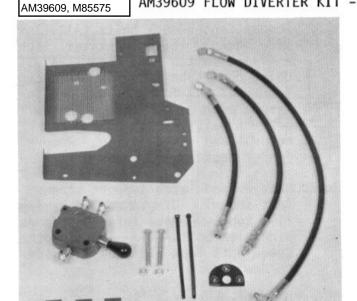
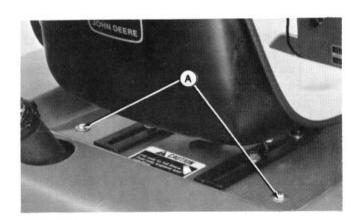
INSTALLATION INSTRUCTIONS FOR

AM39609 FLOW DIVERTER KIT - 318 LAWN AND GARDEN TRACTOR

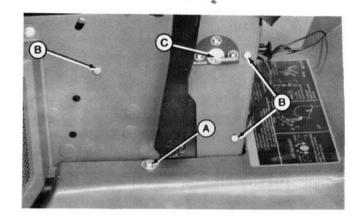


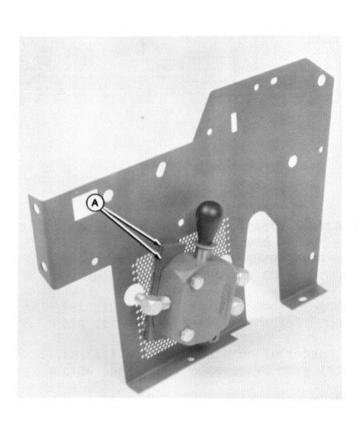
PARTS IN KIT

- (1) AM39637 Valve Hose
- (1) AM39638 Cylinder Hose
- (1) AM39639 Tube Hose
- (1) Valve Assembly
- (2) Nuts
- (2) Bolts
- (2) Tie Straps
 0-Ring and Connector
 Pedestal Side
 Decal
 90° Elbow



- Set parking brake. Raise hood and disconnect battery cables, negative (-) cable first. Remove both side panels.
- Remove fender deck bolts (A). Remove belly pan from under tractor.





3. Remove fender deck bolts (A), (left side shown). Disconnect tail lights and seat switch from under seat. Using duct tape, tape fender deck from bolt (A) forward as close to inside edge as possible. This will prevent paint damage during deck removal and installation. Remove fender deck.

Remove hood latch support screws (not shown). Disconnect transmission fill tube. Remove left-hand pedestal side with bolts (B). Transfer three speed nuts from old pedestal side to new side.

Loosen nut on fuel shut-off valve (C). Remove nut, washer and shut-off valve. Leave hoses connected to valve.

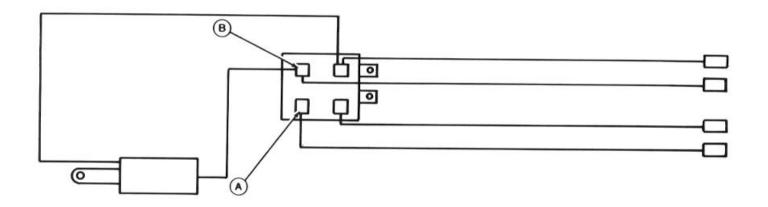
Remove battery and battery base.

- 4. Using a pressure washer, throughly clean area around hydraulic control valve and hydraulic lines. Keep area clean during installation. Keep hoses capped until installation.
- 5. Using two bolts, install valve assembly to pedestal side with two spacer straps (A) between pedestal side and valve. Install one spacer strap to the inside of the pedestal. Tighten nuts only finger tight. Install fuel decal on new pedestal side.

Install new pedestal side on tractor. Tighten nuts.

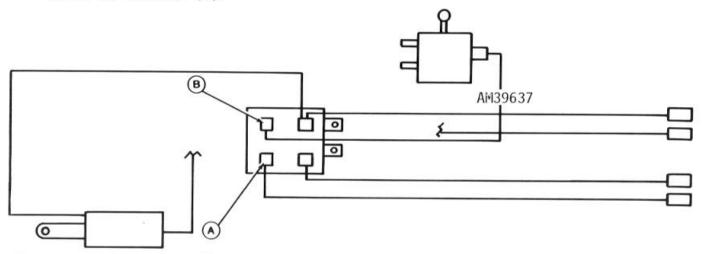
NOTE: When reinstalling fuel shut-off valve, be sure lever lines up properly with decal.

NOTE: Drive shaft may have to be rotated to reach control valve. Use a pry bar to turn shaft being sure not to damage grease fitting in drive shaft U-joint.

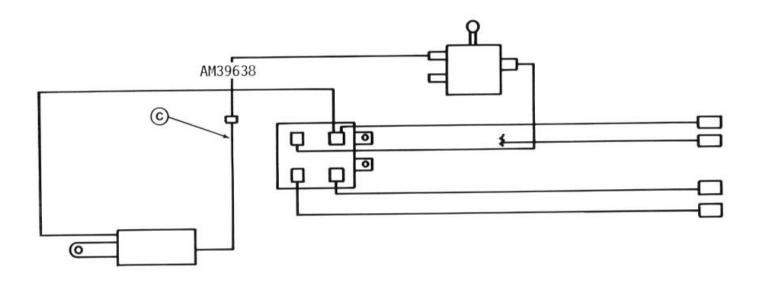


NOTE: All 45° ends of kit hoses are connected to valve selector assembly.

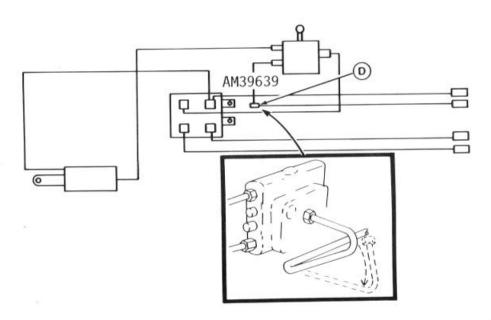
7. Disconnect tube and remove fitting at position (A). Disconnect tube, hose and T-fitting at position (B). Install straight connector with o-ring from bag of parts at location (B).



8. Install valve hose (AM39637) at location (B) and route to valve selector as shown. Route hose through steering lines being sure not to contact moving parts. Reconnect tube at location (A).



 At end of hose (C) connect cylinder hose (AM39638) and route as shown to selector valve assembly. Route alongside frame and behind valve support between steering lines.



10. Bend tube as shown in inset. Install $90^{\rm O}$ elbow at end of the tube (D). Install AM39639 (tube hose) at end of $90^{\rm O}$ elbow and route to last open port at valve selector as shown. Be sure hoses DO NOT contact any moving parts. Tighten all connections except valve selector hardware.

Put tie straps together end-for-end. At power steering bracket on tractor frame, tie strap new hoses to bracket. Make sure hoses DO NOT contact drive shaft.

Install side panels. On left-hand side be sure valve selector DOES NOT contact side panel. If necessary, move assembly back and tighten hardware.

11. Install battery and battery base, positive (+) cable first. Reconnect transmission fill tube to pedestal side. Install fender deck. Remove duct tape. Connect seat switch and tail lights. Install belly pan.