



TISCO MODEL TS300
SELECTOR / ISOLATOR VALVE

MASSEY-FERGUSON TRACTORS - MODELS 35, 50, 65, 135, 150, 165, 175, 178 and 180.
FOR

INSTALLATION INSTRUCTIONS

- Step 1 - Before installing the selector isolator valve check that tractor is stopped and:
- The hydraulic quadrant levers are in the down position.
 - The tractor lower 3-point arms are in the lowest down position.

Step 2 - Thoroughly clean around the cover plate (hydraulic cap plate) which is located on the right side of the transmission cover slightly in front of the seat.

Step 3 - Remove the cover plate by removing the two capscrews holding it.

NOTE 1- Twist the cover plate as you lift it off to avoid lifting out the hydraulic feed stand pipe. If the pipe does lift out, fit it back in and be sure to correctly locate the bottom end. To check this, turn over engine with the starter (have lift lever in raise position). Oil will pump out the top of the pipe.

NOTE 2 - Check O-rings at top of the stand pipe. If damaged, replace.

Step 4 - Carefully remove the O-ring from the 3 point hitch feed hole in the cover plate and install it in the recessed feed hole in the base of the new valve.

Step 5 - Install the new valve using bolts and washers from cover plate.

- Be very careful while installing to avoid damage to O-rings on the stand pipe

OPERATING INSTRUCTIONS

- Control lever in VERTICAL (Center) position - Feed is only to internal 3 point hitch system. Front and rear outlets on isolator valve blocked off. Use this position for normal operation of 3 point hitch mounted implements.
- Control lever in FORWARD position - Feed is only to front outlet on isolator valve. Internal 3 point hitch system and top rear outlet are blocked. This position is normally used for the operation of front end loaders equipped with single acting lift cylinders and manual trip buckets. Loader is controlled by the regular tractor hydraulic levers.
- Control lever in REAR position - Feed is only to rear top outlet on the isolator valve. Internal 3 point hitch system and front outlet on isolator valve blocked off. This position is used to feed control valves for the operation of single or double acting external cylinders. (Open center only)

NOTE 1 - Do not attempt to change position of the isolator valve lever with tractor draft control lever in full up position. Move the draft control lever to the central (neutral) position before changing the position of the isolator valve lever.

NOTE 2 - To couple hydraulic hoses (for external cylinders), shut down tractor engine OR move draft control lever to DOWN position. To further relieve pressure in feed hoses, move control valve lever back and forth. These steps will permit much easier coupling of hoses.