

MODEL AH FOR TOHATSU / NISSAN SERIES
ASSEMBLY INSTRUCTIONS
40-50 HP, 3 CYLINDER, STARTING IN 1991

MODEL AH
Shift Rod and Handle Assembly Instructions
Short Shaft #1295

1. Place the pressed steel shift handle on the motor shift handle and clamp in place, spaced $\frac{3}{8}$ inch as shown in the diagram. Using a $\frac{3}{16}$ inch drill, drill through the shift handle for the #10-32 fil head screws. Install the screws and fiber lock nuts.
2. Attach the shift spring inside the motor cover to urge the shift handle into the forward position. The forward hook secures inside the threaded hole. The rear hook is held by a cotter pin through the hole in the shift arm. Place the shift handle in neutral.
3. Using a light finger pressure on the reverse gate, move the gate toward reverse until the cam roller is nested in the neutral notch of the cam. Adjust the length of the shift rod until it engages the cam and shift arm with this neutral setting. Temporarily install a cotter pin in each rod end.
4. Shift to forward. The roller should be at the end of the cam slot such that the gate cannot be forcibly rotated toward reverse. Pull on the gate by hand to verify this.

If this forward lock condition is not met, readjust the rod length giving less importance to the roller position in neutral. When the adjustment is correct, tighten the rod end nuts, and install the coil springs, flat washers and cotter pins in the rod ends.

5. CAUTION! Remove the reverse throttle limiting cam and cut the stop off as shown. If this is not done, shifting to reverse can cause the throttle to advance without warning.
6. Seal the 2 holes in the main housing, where the remote control cable normally mounts, with 2 - $\frac{1}{4}$ -20 x $\frac{1}{2}$ hex hd bolts.
7. Return to paragraph 13 and proceed with setting motor height.

