

SERVICE KIT

753-0601

CODE: T-115
 DATE: March 23, 1994
 SUBJECT: 2 Speed Transaxle
 800 Series
 Garden Tractor

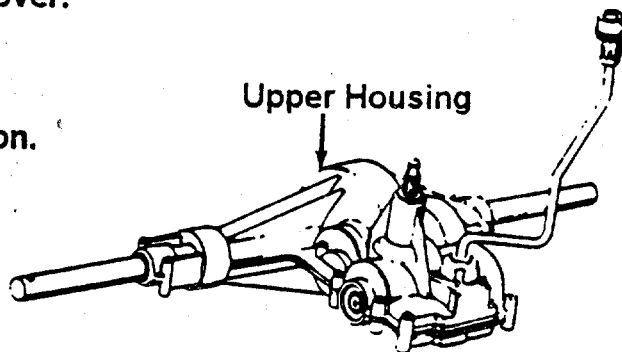
[Replaces Part No. 717-1164 Upper Housing and/or Shifter 717-0985B] *1" LONGER*

1. Remove the shift knob and parking brake knob.
2. Remove shift cover from unit.
3. Remove the reverse safety switch assembly from the old shift cover and discard shift cover.
4. Install the reverse safety switch assembly to the new shift cover provided in the kit.

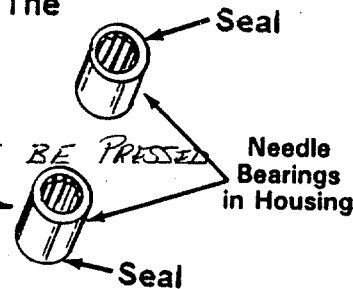
783-0246A
Style 4x W.O.P.

NOTE: Be careful not to damage the insulator nut when attaching the switch to the cover. This could result in a grounding out of the unit regardless of the shifter position.

5. Apply the label provided in the kit to the new shift cover.
6. Remove the old transmission from the unit.
7. Remove the Upper Housing from the old transmission.
8. Remove the input shaft and brake assembly from the upper housing. Retain all related hardware and components for re-assembly on the upper housing. Discard old upper housing and shifter.



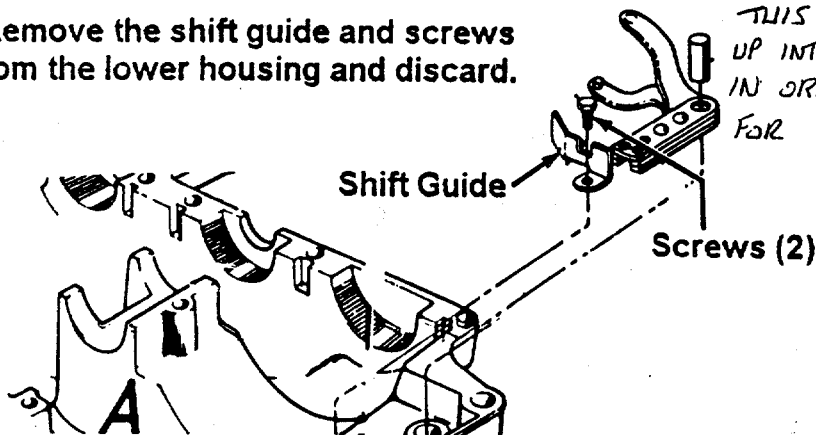
9. Press the needle bearings provided in the kit into the new housing. The bearing on the top end of the input shaft is positioned with the seal pointed up. The lower needle bearing should have the seal positioned downward.



10. Re-assemble input shaft assembly in the upper housing.

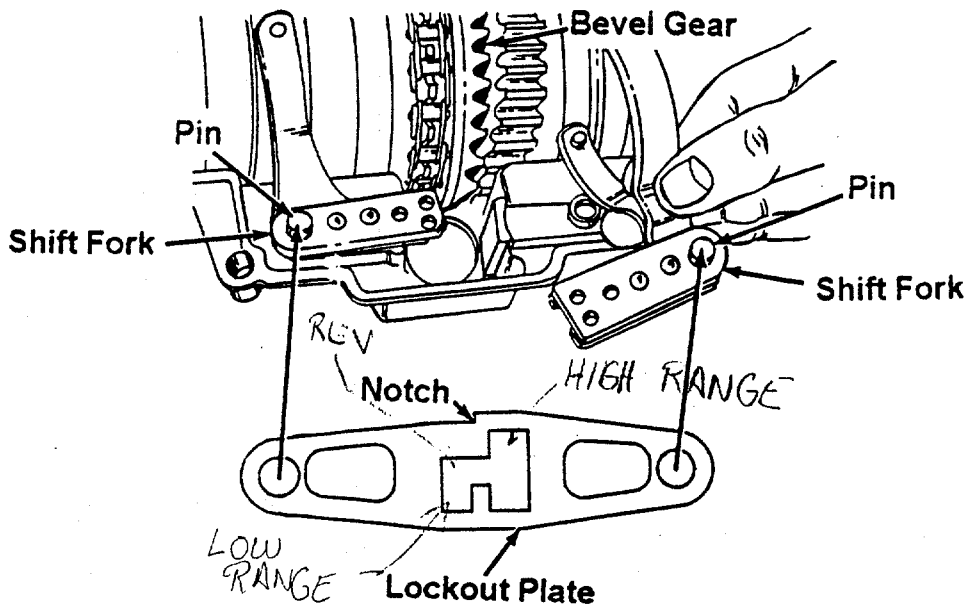
11. Remove the shift guide and screws from the lower housing and discard.

THIS BEARING MUST BE PRESSED UP INTO THE HOUSING IN ORDER TO ALLOW FOR FIT OF SEAL (.140)



12. Slide lockout plate over the pins located on the shift forks.

NOTE: The notch in the lockout plate must be positioned towards the bevel gear otherwise the assembly cannot be completed.



13. Install new upper housing on transmission.

14. Install screws in transmission and finger tighten. Plug shifter hole in housing with a rag and turn transmission over. Torque screws to 90 - 110 in. lbs.

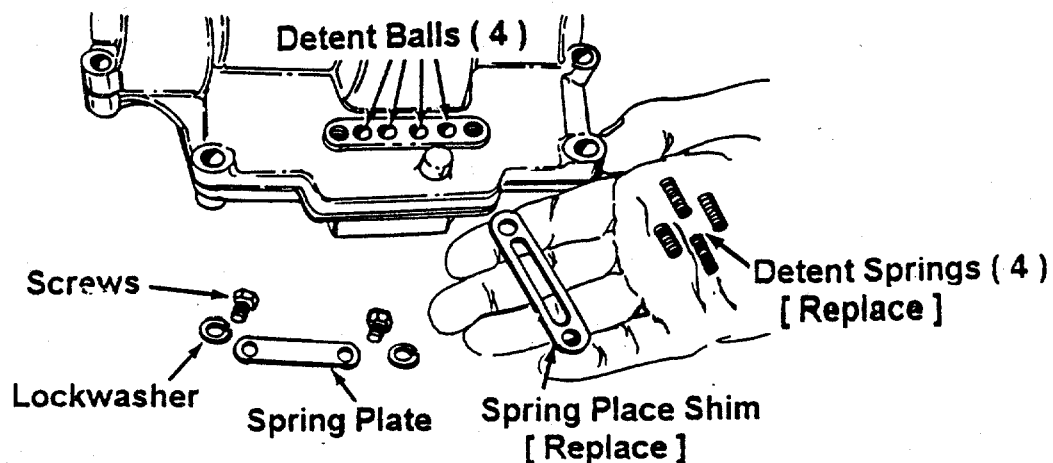
15. Remove the screws which secure the spring plate to the lower housing.

16. Remove the spring plate and spring plate shim from the housing. Next remove the (4) four new detent springs in the lower housing.

17. Install (4) new detent springs in the lower housing.

18. Place the spring plate shim provided in the kit against the detent springs. Position the spring plate over the spring plate shim and secure to the housing with the screws removed in Step 15. Tighten screws to 90 - 110 in. lbs.

NOTE: Screws for the spring plate MUST have a lockwasher on each screw prior to installation. A screw which fails to have a lockwasher WILL result in damage to the shift forks.



9. Turn the transmission over and remove the rag plug.

J. Install the new shifter assembly provided as follows:

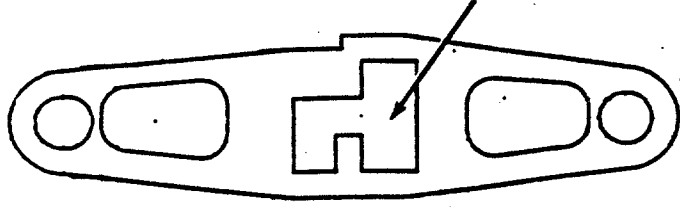
- A. Place the "O" ring in the lower snout groove.
- B. Check to make certain the "O" ring is properly positioned in the upper snout.
- C. Apply "Never Seize" to the ball on the shifter.
- D. Install the lower snout on the shifter. Make certain the "O" ring remains in position on both the upper and lower snout.

O/E: The upper and lower snout will have a small gap between the surfaces caused by the "O" rings. This gap will be taken up when the shifter is secured to the upper housing.

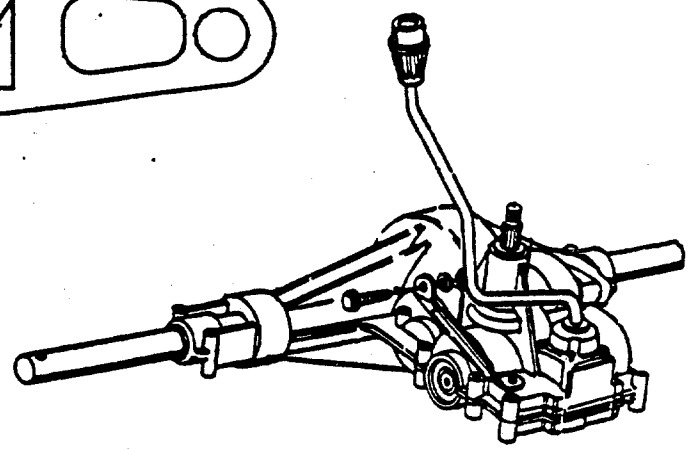
- E. Install (4) screws through both snouts.
- F. Make certain both forks are lined up equally. The transmission MUST be in neutral position prior to shifter installation.
- G. Approaching the transmission from the front position with the shifter to the left, insert the shifter into the transmission. The shifter can only be installed in the transmission one way, which is left of the neutral position in the low range quadrant.
- H. Secure the shifter by tightening all four screws to 60-90 In. Lbs.
- I. Shifter must have free movement to the left and right for proper installation.

INSTALL SHIFTER IN THIS LOCATION

NOTE: THE SHIFT LEVER IN YOUR TRANSMISSION MAY APPEAR SLIGHTLY DIFFERENT THAN THE DRAWING.



SHIFT QUADRANT LOCATED IN TRANSMISSION CASE ABOVE THE SHIFT FORKS



- . Install the new transmission in the unit.
- . Attach the Yellow kill wire to the reverse safety switch and secure the shift cover to the unit.
- . Install the parking brake rod through the shift cover.
- . Install the shift knob and parking brake knob.
- . Test the transmission for proper shift pattern and operation. Test reverse kill switch feature.



THE 753-0601 CONSISTS OF THE FOLLOWING:

QTY	PART NO.	DESCRIPTION
1	619-0013	Upper Housing
1	783-0245A	Shift Cover
1	718-0258	Lockout Plate
1	618-0155	Shifter
1	777-2394	Shift cover Label 777-2548
4	710-0886	Screws
4	732-0496	Springs
1	717-1148	Spring Plate Shim
1	737-0290	Never Seize
1	718-0256	Snout
1	721-3033	"O" Ring
2	741-0525	Needle Bearing

W.O.P
SHIFT COVER
783-0246A

