



Service Kit

753-0448

CODE No. SP-066/YM-212
 DATE September 25, 1987
 SUBJECT Transmission Pulley
Shaft for Drive Gear Box 717-0417
- Used on 560 Hi-Wheel Mower &
Other Models.

Engineering changes have been made on the pulley shaft on the gear box for the 1987 production season. The new transmission pulley shaft has an extended hex shoulder section next to the threads, and the threads have been changed to fine thread. A new hardened hex washer has been placed above the transmission pulley. If service is required on older units, we suggest that kit 753-0448 be installed as follows.

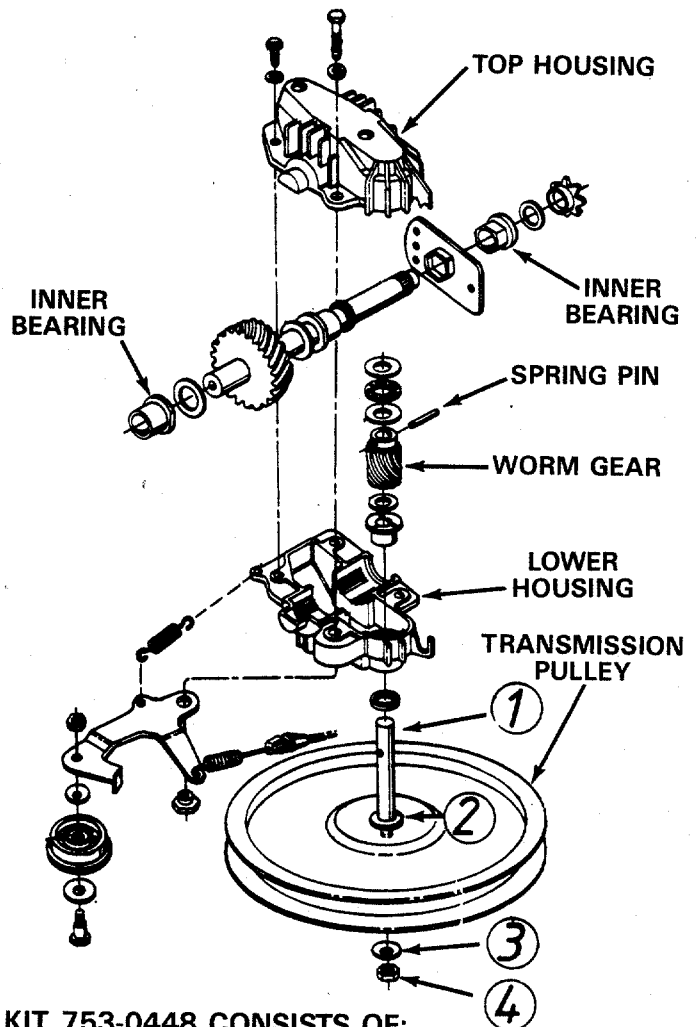
INSTALLATION INSTRUCTIONS

NOTE: Make certain parts (especially washers) are correctly assembled as shown in the illustration.

1. Remove the top housing of the gear box by removing four screws. Remove the spring pin in worm gear, and remove old shaft. Install the new transmission pulley shaft, and replace spring pin, making certain all parts are in correct location.
2. Clean the gear box of all grease to remove any dirt or metal filings. Fill gear box half with 2 ounces of grease, part number 737-0168 (same grease used in our snow throwers' gear boxes).

IMPORTANT: When reassembling the housing halves, note that the inner bearings, part numbers 741-0414 and 741-0415, have keyed flanges which must be fitted into notches in the lower gear box housing. If these bearings are not installed properly, they will be crushed when the top housing is assembled to the lower housing and tightened.

3. Before reassembling the two housing halves, apply loctite LO-820 (part number 721-0188) to the housing halves, tightening securely.
4. After reassembling the gear box, place the hardened hex washer (Ref. 2) on the hex shoulder of the shaft. Then reinstall the pulley, and secure with belleville washer (Ref. 3) (cupped side against the pulley) and hex lock nut (Ref. 4). Make certain the hardened hex washer is above the pulley, and that pulley is seated against the hardened washer and on hex shoulder of shaft. Tighten nut to between 130 and 160 inch lbs.



KIT 753-0448 CONSISTS OF:

Ref. No.	Part No.	Description
1	738-0708	Transmission Pulley Shaft
2	736-0410	Hardened Hex Washer .26" x .88" x .04"
3	736-0270	Belleville Washer .265" x .75"
4	712-0351	Hex Lock Nut 1/4-28 Thread (L.H. Thread)

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