



INSTRUCTIONS

-J00074

REV. 1-1-94

Kit Number 33178-90A

SHIFTER DRUM RETENTION PLATE KIT

General

Due to a late 1994 running change, the retaining pin (previously a part of the transmission access door assembly) has now become an integral part of the shifter drum retention plate on all XLH model vehicles. As a result, the retaining pin must be removed from the earlier style transmission access door (HD Part No. 25238-90) on all 1991 to early 1994 models before the new style shifter drum retention plate can be installed.

The new Shifter Drum Retention Plate Kit is HD Part No. 33178-90A.

Removal

1. Remove the transmission assembly and disassemble the shifter forks and drum. See the appropriate XLH Service Manual for detailed instructions.
2. Using a pliers or a brass drift, remove the existing retaining pin from the transmission access door. Discard the retaining pin.

Installation

1. Using the appropriate XLH Service Manual, assemble the shifter forks and drum incorporating the following steps:
 - a. See Figure 1. At the inside of the access door, place the new style shifter drum retention plate in the groove of the drum shaft while fitting the retaining pin in the bore of the transmission access door.
 - b. Insert the detent screw through the detent arm, transmission access door, shifter drum retention plate, drum reinforcement plate and washer. Thread nut on detent screw and tighten to 13-17 ft-lbs (18-23 Nm).

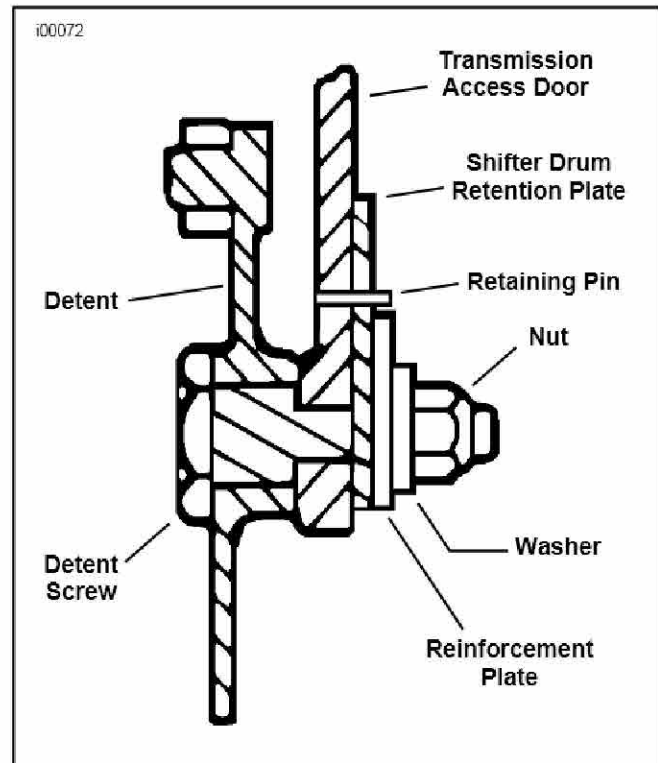


Figure 1. Detent Mounting Assembly

4. Install the transmission assembly. For detailed instructions, see Transmission Installation and Shifter Pawl Adjustment in the appropriate XLH Service Manual.