

Mainshaft Assembly

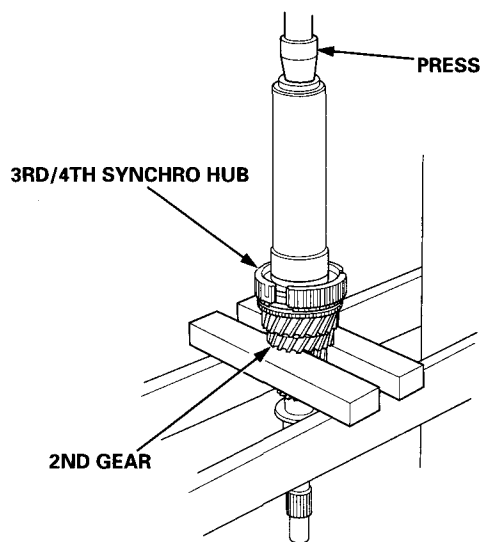
Reassembly

CAUTION:

- Prior to reassembling, clean all the parts in solvent, dry them, and apply lubricant to any contact parts.
- Press the 3rd/4th and 5th/6th synchro hubs on the mainshaft without lubrication.
- When installing the 3rd/4th and 5th/6th synchro hubs, support the shaft on steel blocks, and install the synchro hubs using a press.
- Install the 3rd/4th and 5th/6th synchro hubs with a maximum pressure of 1,000 kg (2,205 lbs), then press both the 3rd/4th and 5th/6th synchro hubs with a pressure of 2,000 kg (4,409 lbs).
- The clutch housing ball bearing is installed when it's time to check the mainshaft clearances.

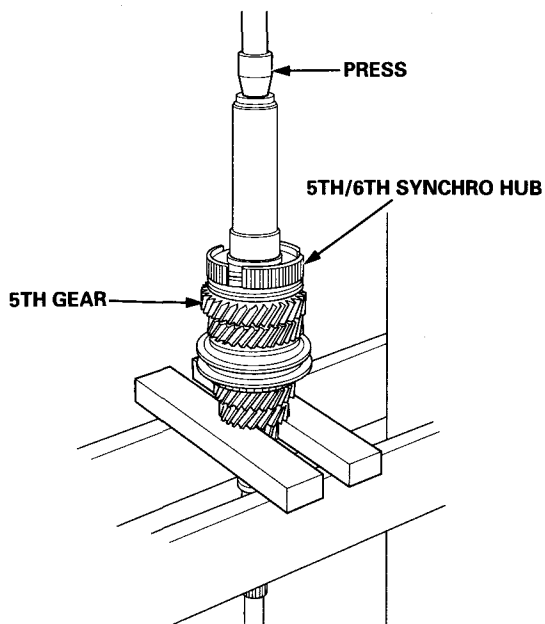
NOTE: To reassemble, see page [13-31](#).

1. Support 2nd gear on steel blocks, then install the 3rd/4th synchro hub using a press.



2. Install the 3rd/4th synchro sleeve by aligning the stops on the 3rd/4th synchro sleeve and hub. After installing, check the operation of the 3rd/4th synchro hub set.

3. Install the 5th/6th synchro hub using a press.



4. Install the transmission housing side ball bearing with the tapered end facing down using a press.

