



# INSTALLATION INSTRUCTIONS

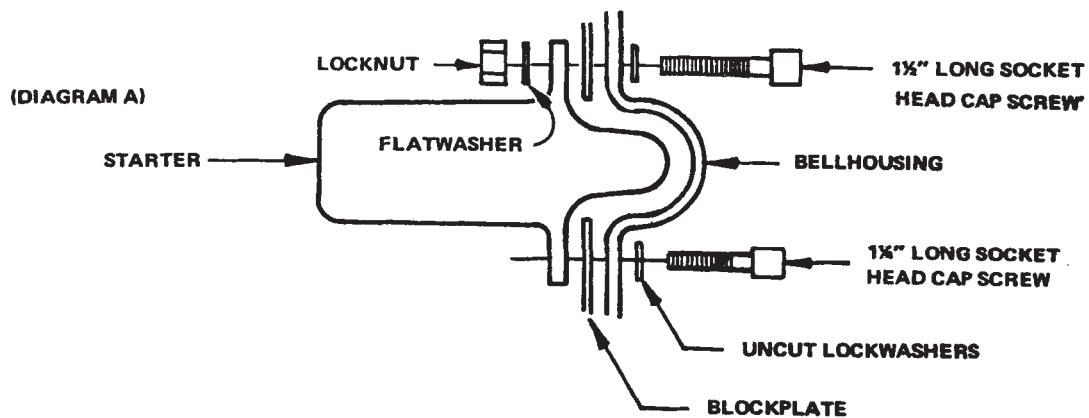
## #15320 #15330

### STARTER INSTALLATION INSTRUCTIONS

1. Disconnect all linkage necessary to remove transmission and bellhousing. Be sure to disconnect cable from battery before removing starter.
2. Remove pressure plate and disc from flywheel.
3. Bolt Lakewood bellhousing to engine for preliminary check for alignment by mounting a magnetic base dial indicator on the flywheel so that its dial is reading directly on the transmission register bore of the bellhousing. (Make sure that the indicator stand is steady and tight to eliminate any error or fluctuation from the weight of the indicator.) While turning crank, note indicator dial. If runout exceeds .010 total, refer to back page for detailed instructions on how to install offset dowel pins for proper alignment.
4. If register bore alignment is satisfactory, remove bellhousing and flywheel.
5. Remove clutch release arm and spring clip from the stock bellhousing and install in the Lakewood unit.
6. Determine which flywheel and starter combination you are using.
  - A. Direct drive starter and 172 tooth flywheel.
  - B. Gear reduction starter and 143 tooth flywheel.
  - C. Gear reduction starter and 132 tooth flywheel.
  - D. 273"-340" Engines with gear reduction on starter (15320).

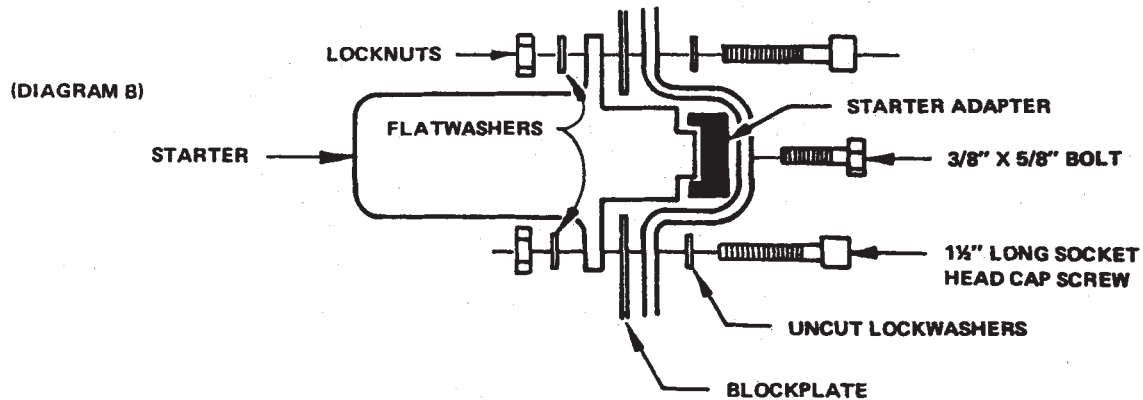
#### "A" SET UP (BLOCKPLATE)

7. Discard starter nose adapter.
8. Remove knockout from blockplate (see Knockout Instruction Sheet).
9. Install blockplate on engine.
10. Install flywheel, clutch cover and disc.
11. Install Lakewood unit to your engine. Be sure to use throw-out bearing. Use Bolt Package #635. Torque 3/8" bolts to 35 foot pounds. Torque 7/16" bolts to 40 foot pounds. Install maximum containment bolts using kit #638, torque 3/8" bolts to 35 foot pounds.
12. Install starter using Bolt Package #628. Use Diagram A.



## "B" SET UP (BLOCKPLATE)

7. Remove knockout from blockplate.
8. Install starter adapter in outer starter pilot hole. Be sure adapter is seated and bolt does not protrude past adapter. Use Diagram B.
9. Install blockplate on engine.
10. Install flywheel, clutch cover and disc.
11. Install Lakewood unit to engine using Bolt Package #635 and #638.
12. Install starter carefully as the aluminum casting can be misaligned and damaged. Use Bolt Package #628 and Diagram B for proper bolt installation.



## "C" SET UP (BLOCKPLATE)

7. Install starter adapter in inner pilot hole. Be sure adapter is seated and bolt does not protrude past adapter.
8. Install blockplate on engine.
9. Install flywheel, clutch cover and disc.
10. Install Lakewood unit to your engine. Be sure to use the throw-out bearing. Use Bolt Package #635 and #638.
11. Install starter carefully as the aluminum casting can be misaligned and damaged. Using Bolt Package #628, install top bolt first. Rotate bottom of starter as close to the block as possible. Make sure holes are aligned before installing clamp bolt.