



SAFETY BELLHOUSING

Chevrolet Applications

INSTALLATION INSTRUCTIONS

15000LKW, 15003LKW, 15020, & 15050

NOTICE:

This safety bellhousing meets S.F.I. (Safety Foundation Institute) specification 6.1 when used with the enclosed engine block plate and maximum containment fasteners supplied. It is highly recommended that an S.F.I. approved flywheel and clutch assembly be used in conjunction with this bellhousing for additional safety precautions.

WORK SAFELY!

Installation of this safety bellhousing requires working underneath vehicle. **USE EXTREME CAUTION WHEN WORKING UNDERNEATH THE VEHICLE.** Never get near or underneath the vehicle until you are confident that it is safely supported and will not move or fall from its raised position.

DO NOT USE A BUMPER JACK!

PREPARATION FOR INSTALLATION

1. Place the vehicle on a solid, level surface such as a garage floor to ensure safe installation.
2. Raise the vehicle using appropriate lifting device and support it using automotive approved support stands having adequate load capacity.
3. Disconnect the negative (-) cable from the battery.

CAUTION: DO NOT BEGIN THIS INSTALLATION UNTIL YOU ARE CONFIDENT THAT THE VEHICLE IS SECURE AND SAFELY SUPPORTED!

Installation Instructions

1. Remove driveshaft, starter motor, transmission, and stock bellhousing.
2. Remove pressure plate and clutch disc from flywheel.
3. At this point, we recommend that you check your Lakewood Safety Bellhousing for proper alignment with the crankshaft. This is not a difficult procedure. A detailed instruction sheet outlining the necessary steps along with recommendations for correcting any misalignment is included. Please refer to this sheet now.
4. After checking and correcting bellhousing alignment, remove flywheel and prepare blockplate for installation. On all applications using a block mounted starter, you must remove the knockout in the starter hole of the blockplate (see illustration). If an early style bellhousing mounted starter is used, DO NOT remove the knockout. Use the blockplate as is (the round hole in the blockplate will correctly locate the starter nose assuring proper alignment). Install blockplate over the crankshaft flange and place over dowel pins in the block.

IMPORTANT: In order to comply and meet S.F.I. bellhousing specification 6.1, it is mandatory that the safety blockplate be installed with this bellhousing and all containment fasteners supplied be used in their correct location (see illustration).

5. Reinstall flywheel and clutch assembly. Be sure to tighten fasteners using manufacturers recommended torque specifications.

Note: We recommend the use of Mr. Gasket Ultra-Seal premium fasteners for clutch and flywheel installation.

Flywheel bolts	Mr. Gasket #912
Pressure plate bolts	Mr. Gasket #911

IMPORTANT: Do not reuse the factory cast iron flywheel! A high performance quality billet flywheel that meets S.F.I. specifications is recommended for safety purposes. Hays offers a complete line of high performance clutches and flywheels to meet safety requirements.

6. Remove clutch release bearing fork and pivot ball from stock bellhousing. Reinstall the pivot ball into the Lakewood bellhousing and attach fork clip onto the pivot ball. **NOTE:** It is recommended to use Lakewood #15501 adjustable pivot ball in order to obtain the proper fork geometry. A heavy duty clutch fork #15500 is also available to fit most applications.

7. Position your Lakewood Bellhousing over the flywheel/clutch assembly and slide onto dowel pins in engine block. Fasten the bellhousing to the engine block using the 3/8"-16 x 1" grade 8 bolts supplied. Secure the blockplate to the bellhousing using the supplied 1/2"-13 and 3/8"-16 grade 8 fasteners installed in the order shown on the illustration.

IMPORTANT: All fasteners must be used in their proper location for the bellhousing to meet S.F.I. specification 6.1.

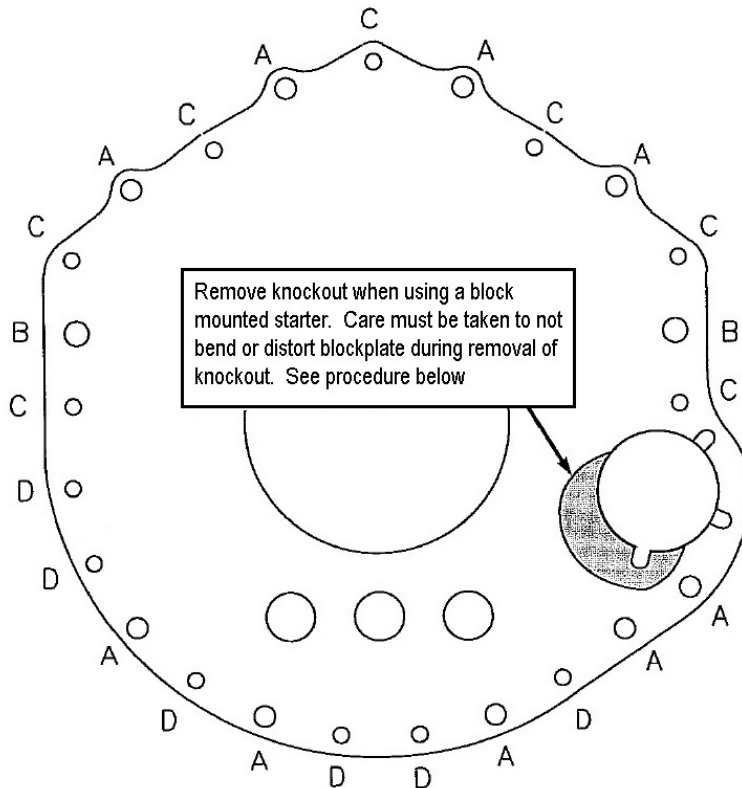
8. Replace starter motor, transmission, and driveshaft. Attach clutch linkage and check for proper adjustment.
9. Reconnect battery cable.

RETAIN THIS INSTRUCTION SHEET FOR FUTURE REFERENCE.



SAFETY BLOCKPLATE FASTENER REQUIREMENTS AND LOCATION

IMPORTANT: All fasteners must be used in their proper location for the bellhousing to meet S.F.I 6.1 safety requirements.



POSITION:

- A = 1/2 - 13 x 1" GRADE 8 BOLTS, WASHERS, & NUTS.
- B = BELLHOUSING LOCATING PINS (NOT INCLUDED).
- C = 3/8 - 16 x 1" GRADE 8 BOLTS & WASHERS
- D = 3/8 - 16 x 1" GRADE 8 BOLTS, WASHERS, & NUTS.

KNOCKOUT REMOVAL INSTRUCTIONS

CAUTION! Wear safety glasses!

1. Place blockplate on heavy table or solid surface with notched side of "knockout" facing up.
2. Support underside of "knockout" around outside perimeter area.
3. Using a heavy hammer and blunt tool such as a drift pin, start at recessed corner and strike "knockout" sharply. Continue until part drops out.

NOTE: If distortion to blockplate occurs, lay on flat surface and straighten before installing. Area should be filled smooth if any rough edges or burrs remain.

