

SUPER661 HD MUNCIE CASE INSTRUCTIONS

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The case uses a standard sealed front bearing which increases the case length by .157 inches. This poses no problems for normal installations but may be an issue if you are using a steel backing plate and scattershield. Block plates can move the transmission back an additional 1/8" and an extended crankshaft pilot bushing will be needed.

You must use the sealed front bearing, gasket set, countershaft and thrust washers supplied with this case kit.

The front washer is bonded to the front countershaft stabilizer plug to ease countergear installation. We prefer to install the gear with the case facing down and then slide the rear washer in place once the gear is positioned.

The stabilizer plug increases the load bearing area of the countershaft to prevent common front bore elongation and leaks. There is no need to remove the plug.

Before installing the counter gear, squeeze any excess grease out of the bearings by pushing the countershaft thru the gear outside of the case.

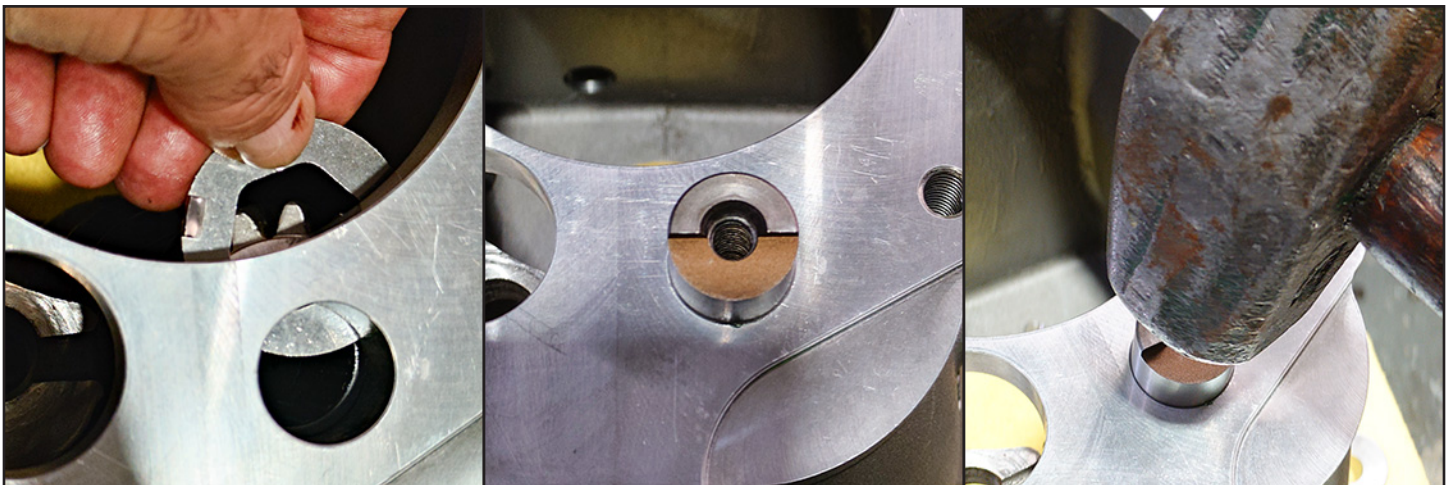
Once the countergear is in place install the rear thrust washer.

Slide the countershaft into the bore. The extended fit shaft will contact the front plug at the same time it makes contact with the rear of the case.

Countershaft flat should be installed in a horizontal position.

Supplied fill and magnetic drain plugs should be torqued to 28 ft-lbs.

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Slide thrust washer into place.

Push shaft in until it contacts front plug. Use a dead blow hammer to seat shaft.



Counter shaft shown pressed in proper position.

Shaft Removal. Make a puller using a socket and 3/8-16 threaded bolt to remove countershaft.

Make sure that the socket you use has enough internal clearance to allow shaft to pull out into socket.