

BENDTSEN'S

GMC V6 Installation instructions



Important! Do this first.

Bolt the adapter plate onto the Chev transmission you intend to use. Look through the starter hole at the corner of the Chev transmission case. You can now see the area that needs to be removed so the starter drive gear can extend out (about 1 inch) in order to engage the flexplate teeth. Once this is done, bolt the starter onto the adapter plate and with a battery hooked up to the starter, engage the starter and make sure that it does not hit the case and can extend all the way without the case interfering with its outward travel. Once you are satisfied that the starter is going to work correctly, remove all the parts from the transmission case and you are ready to begin the installation.

Make sure all mating parts are clean and free of burrs.

Clean the crankshaft flange and bolt the crank adapter on using the provided 1/2 x 20 x 1 inch socket head capscrews. Using loctite is a good idea. Bolt the adapter plate to the engine using the eight 1/2 x 13 x 2 inch socket head capscrews. Bolt the starter onto the adapter plate with the provided bolts. Bolt the flywheel onto the crank adapter. Now you should be ready to bolt on any Chev V8 style transmission.

Note: The V12 crank adapter only uses 6 bolts out of the 10 normally utilized by the manufacturer. This is so we can also utilize the Chev flywheel bolt pattern.

The starter that we ship with this kit is a 3 HP high-torque mini starter.