

2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:

Fuel Delivery: | Fuel:

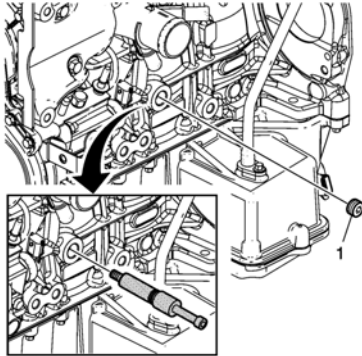
Special Tools

EN-50030 Crankshaft Locking Tool

For equivalent regional tools, refer to Special Tools.

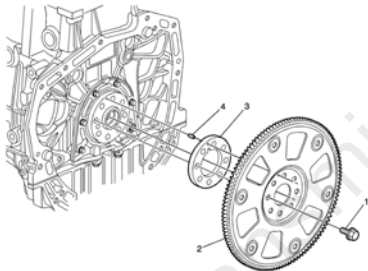
[Removal Procedure](#)

1. Remove the transmission. Refer to Transmission Replacement.



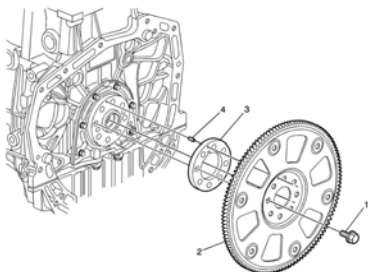
Note: Ensure the engine is at 90 degrees ATDC before installing the tool.

2. Remove the plug (1) and rotate the aligned tool EN-50030. Ensure the crankshaft is at 90 degrees ATDC before trying to install the crank locking tool.

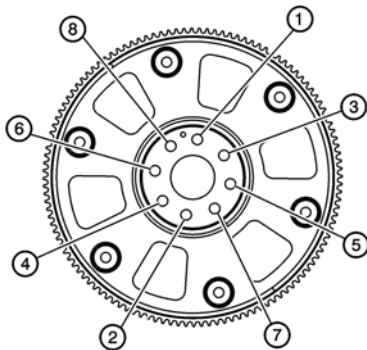


3. Remove the automatic transmission flex plate bolts (1).
4. Remove the flex plate (2), locating pin (4), and adapter plates (3).
5. For engine flywheel / automatic transmission flex plate cleaning and inspection. Refer to Engine Flywheel Cleaning and Inspection.

[Installation Procedure](#)

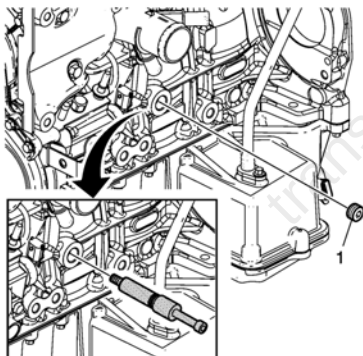


1. Install the automatic transmission flex plate (2) and bolts (1).



Caution: Refer to Fastener Caution.

2. Tighten the flex plate bolts in sequence to **50 Y (37 lb ft)**.
3. Loosen the flex plate bolts one at a time and then retighten in sequence to **25 Y (18 lb ft)** plus 60, 75, and 90 degrees respectively for bolts of 40, 50, 60 mm.
4. After each bolt is tightened, mark the head with a dot of brown paint as evidence of correct tightening.



5. Remove the *EN-50030* Crank locking tool .
6. Install the block plug (1) and tighten to **79 Y (58 lb ft)**.
7. Install the transmission. Refer to Transmission Replacement.