2012 Engine Engine Mechanical - 3.7L - Repair Instructions - Off Vehicle - Canyon, Colorado

ENGINE FLYWHEEL REMOVAL (WITH AUTOMATIC TRANSMISSION)

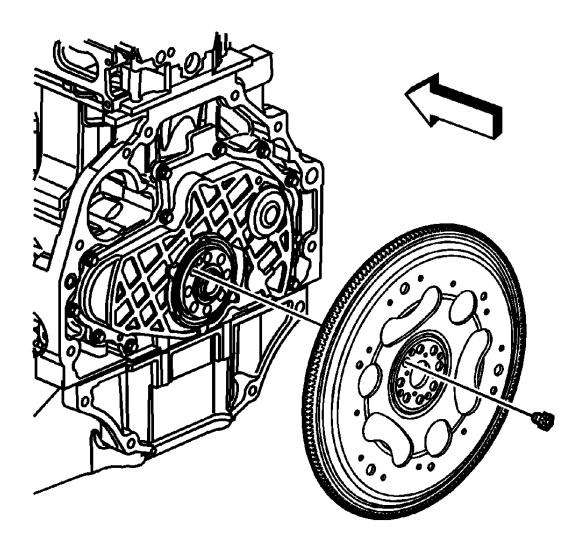


Fig. 1: View Of Engine Flywheel (Automatic Transmission) Courtesy of GENERAL MOTORS COMPANY

- 1. Remove and discard the flywheel bolts.
- 2. Remove the flywheel.

ENGINE FLYWHEEL REMOVAL (WITH MANUAL TRANSMISSION)

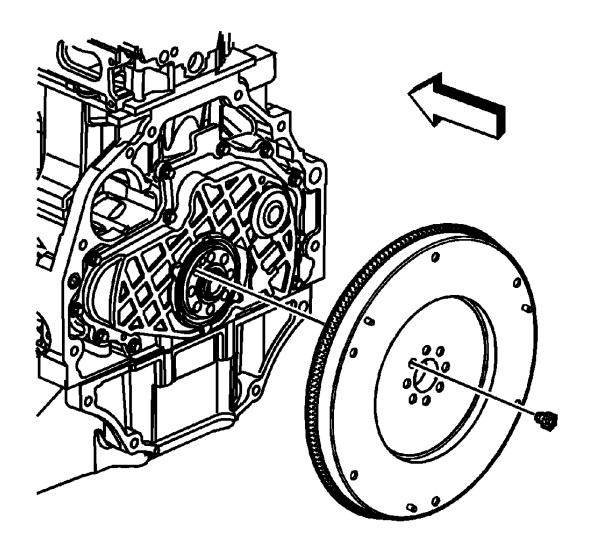


Fig. 2: View Of Engine Flywheel - Manual Transmission Courtesy of GENERAL MOTORS COMPANY

- 1. Remove and discard the flywheel bolts.
- 2. Remove the flywheel.

DRAINING FLUIDS AND OIL FILTER REMOVAL

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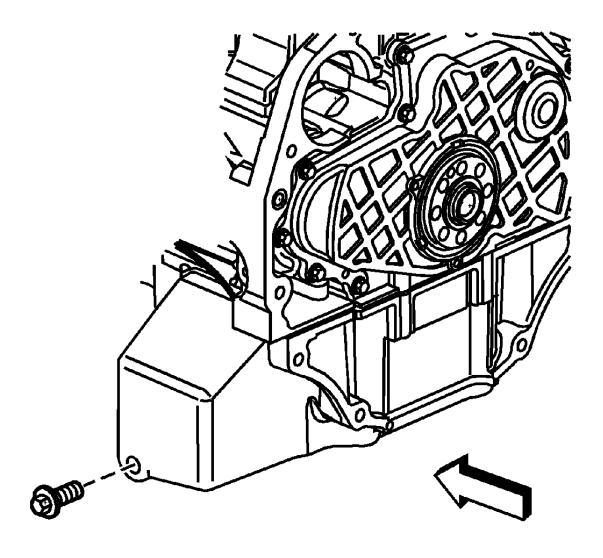


Fig. 3: Oil Pan Drain Plug Courtesy of GENERAL MOTORS COMPANY

- 1. Remove the oil pan drain plug.
- 2. Drain the engine oil.

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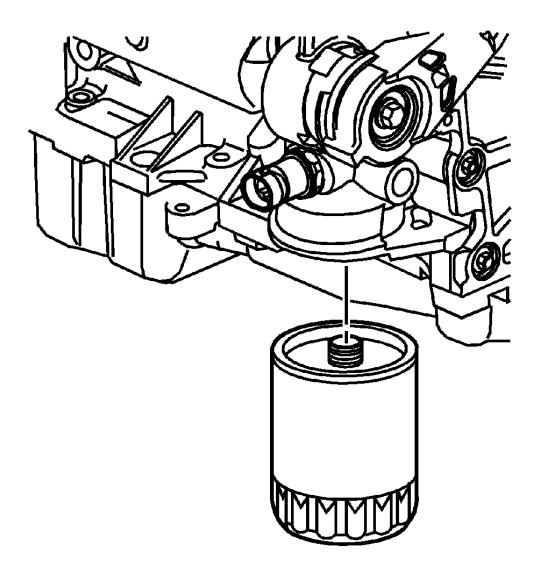


Fig. 4: View Of Oil Filter Courtesy of GENERAL MOTORS COMPANY

3. Remove the oil filter.

DRIVE BELT TENSIONER REMOVAL

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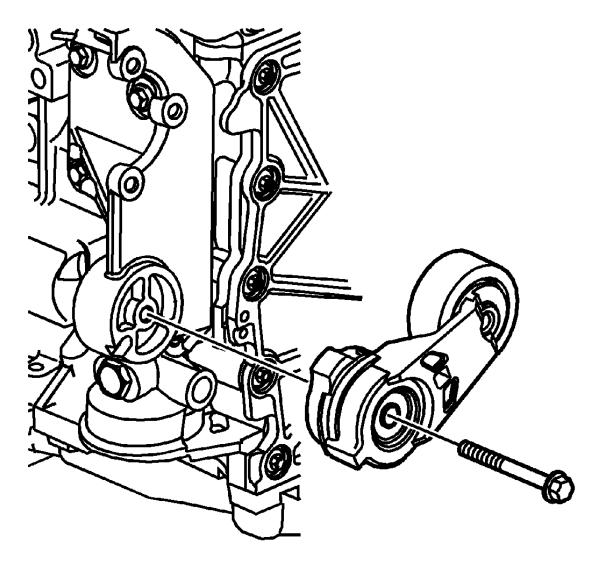


Fig. 5: View Of Drive Belt Tensioner Courtesy of GENERAL MOTORS COMPANY

- 1. Remove the drive belt tensioner bolt.
- 2. Remove the drive belt tensioner.

POWER STEERING PUMP BRACKET REMOVAL

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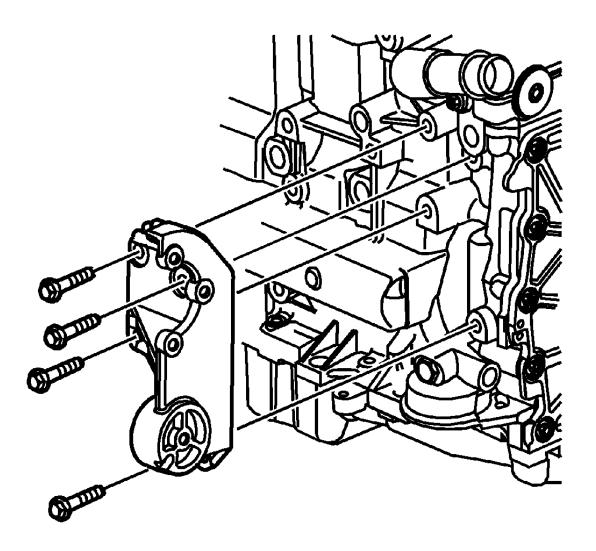


Fig. 6: View Of Power Steering Pump Bracket Courtesy of GENERAL MOTORS COMPANY

- 1. Remove the power steering pump bracket bolts.
- 2. Remove the power steering pump bracket.

DRIVE BELT IDLER PULLEY REMOVAL

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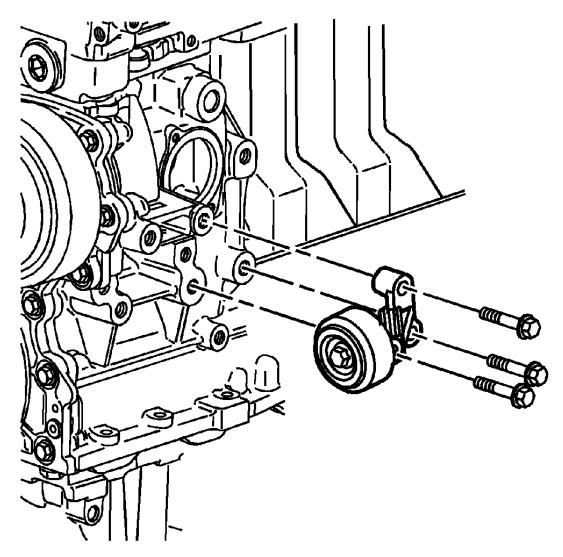


Fig. 7: View Of Drive Belt Idler Pulley
Courtesy of GENERAL MOTORS COMPANY

- 1. Remove the drive belt idler pulley bolts.
- 2. Remove the drive belt idler pulley.

OIL LEVEL INDICATOR AND OIL LEVEL INDICATOR TUBE REMOVAL

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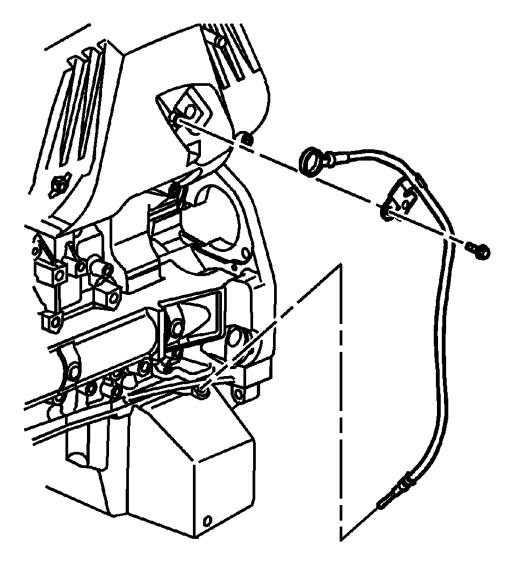


Fig. 8: View Of Oil Level Indicator & Tube Courtesy of GENERAL MOTORS COMPANY

- 1. Remove the oil level indicator.
- 2. Remove the oil level indicator tube bolt.
- 3. Remove the oil level indicator tube.

EXHAUST MANIFOLD REMOVAL