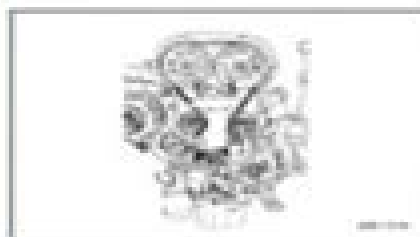
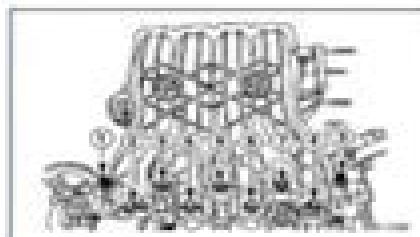


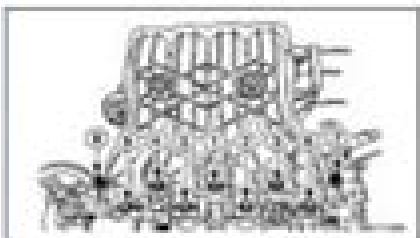
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12. Remove the alternator. Refer to Section 10, Engine Electrical.
13. Remove the intake manifold support bracket.



14. Remove the intake manifold retaining bolts/nuts in the sequence shown.
15. Remove the intake manifold and gasket.
16. Clean the seating surfaces of the intake manifold and the cylinder head.



Installation Procedure

1. Install the fuel rail.
Tighten
Tighten the fuel rail bolts to 25 ft-lb (34 Nm).
2. Install the new intake manifold.
Tighten
Tighten the intake manifold bolts and nuts to 25 ft-lb (34 Nm).



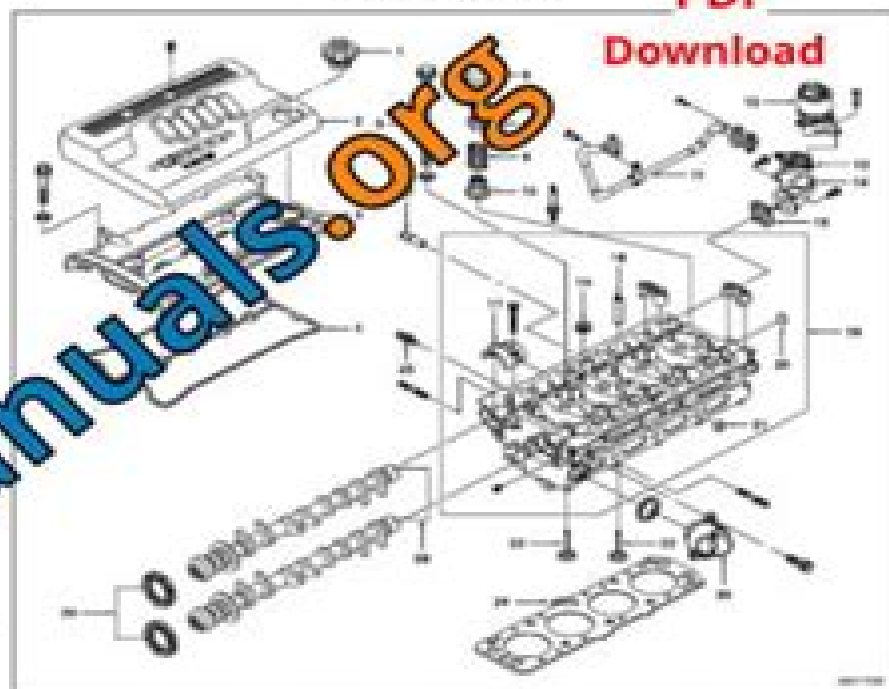
3. Install the exhaust gas recirculation (EGR) pipe.
Tighten
Tighten the exhaust gas recirculation (EGR) pipe bolts to 15 ft-lb (20 Nm).

COMPONENT LOCATOR

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Chevrolet Optra Engine Repair Manual

Phil Edmonston



Chevrolet Optra Engine Repair Manual:

Reviewing **Chevrolet Optra Engine Repair Manual**: Unlocking the Spellbinding Force of Linguistics

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