

SPECIFICATIONS

Description	N-m	Lb-Ft
Lower Intake Manifold to Head	32	23
Upper Intake Manifold to Lower Intake Manifold Bolts	—	4
Throttle Body to Upper Intake Manifold	25	19
Air Control Valve to Throttle Body	9.5	7
Throttle Position Sensor to Throttle Body	2.4-3.8	21-34 Lb-in
Fuel Pressure Regulator to Fuel Rail Assembly	4	34 Lb-in
Fuel Rail Assembly to Intake Manifold	10	8
Throttle Cable Bracket to Manifold	17	13
Manifold Support Bracket	25	19
Generator Brace to Generator	51	37
Generator Brace to Water Pump and Upper Manifold	25	19
EGR Valve to Upper Manifold	25	19
EGR Tube to EGR Valve and Exhaust Manifold	41	30

SPECIAL SERVICE TOOLS

Tool Number	Description
D87L-9280-A	Spring Lock Coupling Disconnect Tool (3/8 inch)
D87L-9280-B	Spring Lock Coupling Disconnect Tool (1/2 inch)

ROTUNDA EQUIPMENT	
Model	Description
113-00001	Injector Tester / Cleaner

PARTS CROSS-REFERENCE

Base Part #	Part Name	Old Part Name
9424	Intake Manifold	
9B989	Throttle Position Sensor	Throttle Potentiometer
9C968	Fuel Pressure Regulator	
9D475	EGR Valve	
9E926	Throttle Body	
9E936	Air Charge Control to Intake Manifold Gasket	
9F593	Fuel Injector	
9F715	Idle Air Control Valve	Throttle Air Bypass Valve
9F792	Fuel Injection Supply Manifold	
9H307	Fuel Tank Sending Unit and Pump	
9H321	Fuel Pressure Relief Valve	
9J444	Intake Manifold Support	
9J460	EGR Pressure Valve Sensor	



CRACKS PARALLEL TO BACKING ARE NOT ACCEPTABLE. CRACKS ACROSS BACKING ARE ACCEPTABLE.

4 Tighten bolts and studs in three steps: 10 N-m (8 Lb-Ft) 20 N-m (15 Lb-Ft) 32 N-m (24 Lb-Ft)