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Specifications

General Specification

Item	Description
* Recommended fuel	Diesel or Automotive Gas Oil (AGO) to EN590 Specification

* This engine is NOT compatible with 'Bio-diesel' fuel **Torque Specifications**

Description	Nm	lb-ft
High pressure fuel supply lines to injector and supply manifold unions:		
Stage 1 - Union to injector	15	11
Stage 2 - Union to supply manifold	15	11
Stage 3 - Union to injector	30	22
Stage 4 - Union to supply manifold	30	22
High pressure fuel supply lines to supply manifold and diverter rail unions:		
Stage 1 - Union to supply manifold	15	11
Stage 2 - Union to diverter rail	15	11
Stage 3 - Union to supply manifold	30	22
Stage 4 - Union to diverter rail	30	22
Fuel injection diverter rail studs	23	17
Fuel supply line retaining bolts	10	7
Crankcase vent oil separator locating stud	10	7
EGR coolant cross-over pipe bolts	13	10
Intake air shut-off throttle retaining stud	10	7
Intake air shut-off throttle elbow retaining bolt	10	7
Fuel injection pump pulley nut	50	37
Fuel injection pump securing bolts	23	17
Fuel injection pump belt rear cover retaining bolt	7	5
Fuel injection pump belt tensioner retaining bolt	25	18
Fuel injector retaining bolts	10	7

Fuel Pressures

Component	bar	psi
Fuel pump	0.5	7.25
High pressure fuel injection pump	1650 maximum	23931 maximum