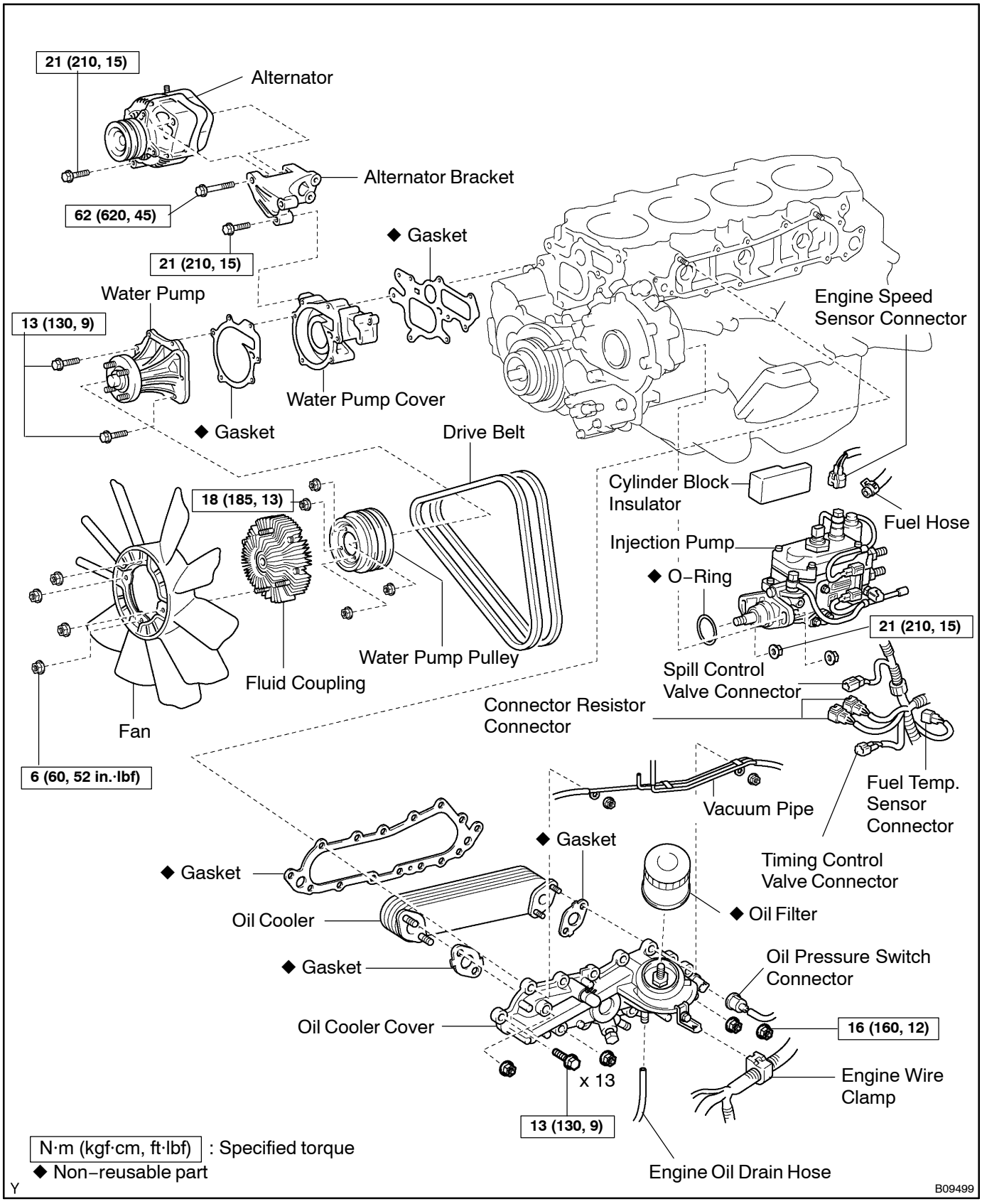
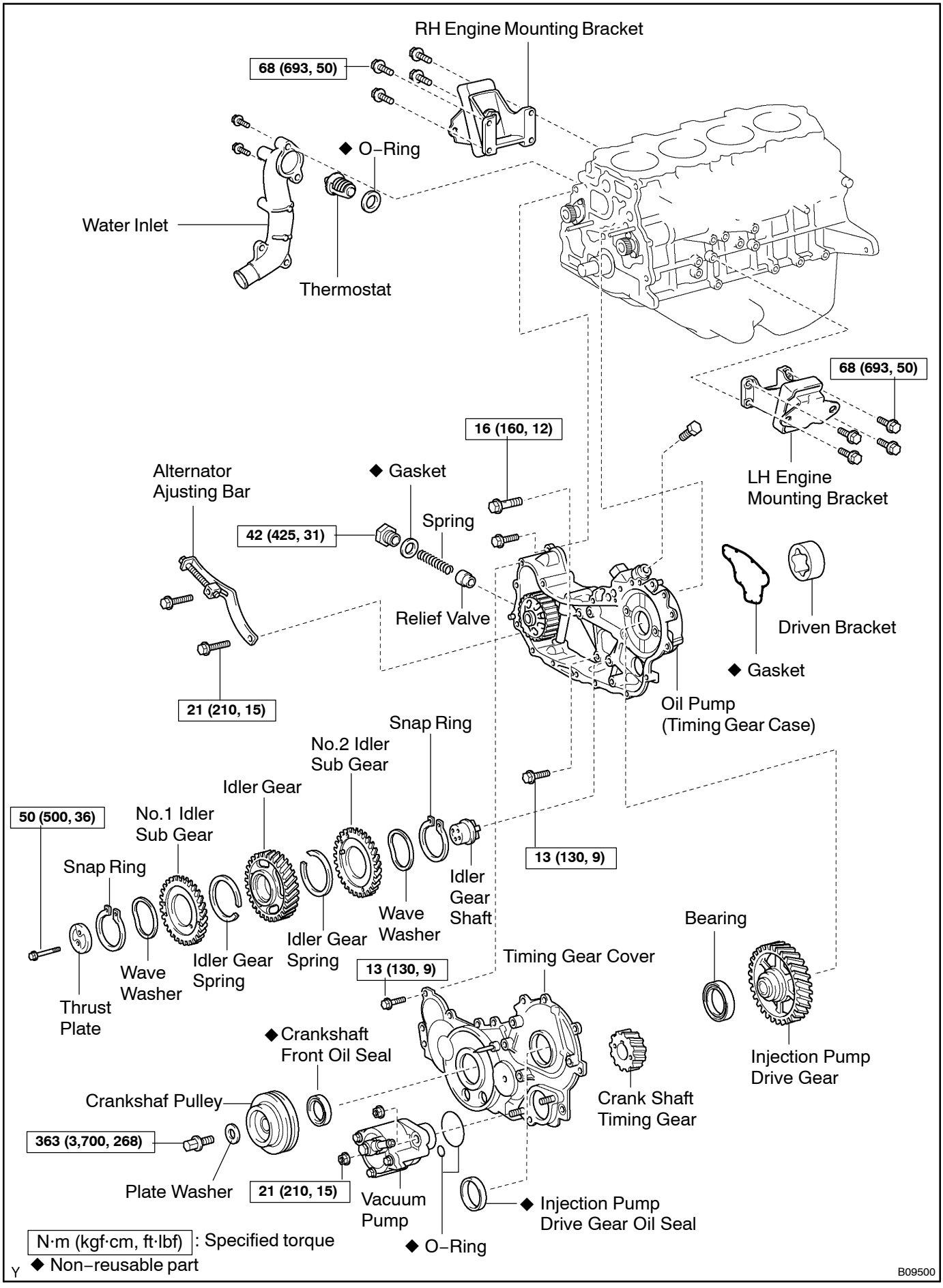
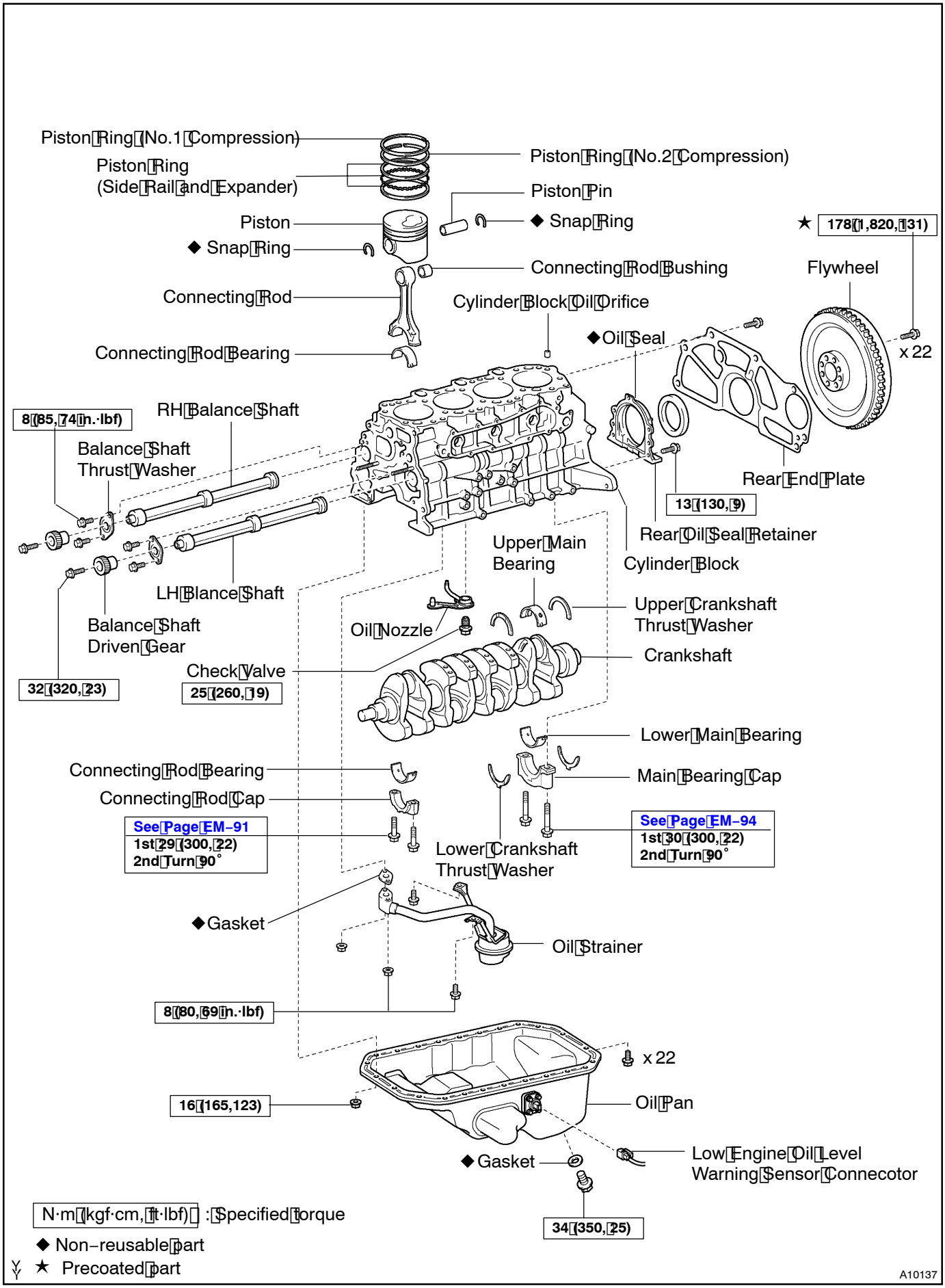
CYLINDER BLOCK

COMPONENTS

EM15J–01




RH Engine Mounting Bracket
68 (693, 50)
◆ O–Ring
Water Inlet
Thermostat
68 (693, 50)
LH Engine
Mounting Bracket
16 (160, 12)
◆ Gasket
Alternator
Ajusting Bar
42 (425, 31)
Spring
Relief Valve
Driven Bracket
◆ Gasket
Oil Pump
(Timing Gear Case)
21 (210, 15)
Snap Ring
No.2 Idler
Sub Gear
Idler Gear
No.1 Idler
Sub Gear
50 (500, 36)
Snap Ring
Idler
Gear
Shaft
13 (130, 9)
Wave
Washer
Idler Gear
Spring
Idler Gear
Spring
Wave
Washer
Thrust
Plate
Bearing
Timing Gear Cover
13 (130, 9)
◆ Crankshaft
Front Oil Seal
Injection Pump
Drive Gear
Crankshaf Pulley
Crank Shaft
Timing Gear
363 (3,700, 268)
Plate Washer
21 (210, 15)
Vacuum
Pump
◆ Injection Pump
Drive Gear Oil Seal
◆ O–Ring
N·m (kgf·cm, ft·lbf) : Specified torque
◆ Non–reusable part
Y
B09500


Piston Ring (No.1 Compression)
Piston Ring (No.2 Compression)
Piston Ring (Side Rail and Expander)
Piston Pin
Piston
◆ Snap Ring
◆ Snap Ring
★ 178 (1,820, 131)
Connecting Rod Bushing
Flywheel
Connecting Rod
Cylinder Block Oil Orifice
◆ Oil Seal
Connecting Rod Bearing
x 22
8 (85, 74 in.·lbf)
RH Balance Shaft
Balance Shaft Thrust Washer
Rear End Plate
13 (130, 9)
Rear Oil Seal Retainer
Upper Main Bearing
Cylinder Block
LH Balance Shaft
Upper Crankshaft Thrust Washer
Oil Nozzle
Balance Shaft Driven Gear
Crankshaft
Check Valve
25 (260, 19)
32 (320, 23)
Lower Main Bearing
Connecting Rod Bearing
Main Bearing Cap
Connecting Rod Cap
See Page EM–91
1st 29 (300, 22)
2nd Turn 90°
See Page EM–94
1st 30 (300, 22)
2nd Turn 90°
Lower Crankshaft Thrust Washer
◆ Gasket
Oil Strainer
8 (80, 69 in.·lbf)
x 22
16 (165, 123)
Oil Pan
◆ Gasket
Low Engine Oil Level Warning Sensor Connecotor
34 (350, 25)
N·m (kgf·cm, ft·lbf) : Specified torque
◆ Non–reusable part
★ Precoated part
A10137