PARTIAL ENGINE ASSY (April, 2003)

COMPONENTS

- Cylinder Head Cover No. 2
- Radiator Support Upper
- Radiator Hose Inlet
- Radiator Assy
- Radiator Hose Outlet
- Engine Under Cover LH
- Engine Under Cover RH
- Oil Cooler Outlet Tube No. 1
- Oil Cooler Inlet Tube No. 1

**Specified torque:**

N·m (kgf·cm, ft·lbf) : Specified torque

7.0 (71, 62 in. lbf)
Accelerator Control Cable Assy

Heater Inlet Water Hose

 EFI Fuel Pipe Clamp

 Heaters Outlet Water Hose

 Union to Connector Tube Hose

 Air Cleaner Cap Sub-assy

 Battery Clamp Sub-assy

 Battery

 Battery Tray

 Battery Carrier

 5.0 (51, 44 in. lbf)

 3.5 (36, 31 in. lbf)

 w/ Cruise Control:
 Cruise Control Actuator Assy

 6.0 (61, 53 in. lbf)

 EFI Fuel Pipe Clamp

 Engine Mechanical

 Partial Engine Assy (April, 2003)

 14-17

 Author: Date: 2004 COROLLA (RM1037U)
A/T:

Floor Shift Cable
Transmission Control Shift

M/T:

Clutch Release Cylinder Assy

M/T:

Floor Shift Cable Transmission
Control Select

M/T:

Floor Shift Cable Transmission
Control Shift

Fan and Generator V Belt

w/ Air Conditioning:
Compressor and Magnetic Clutch

29 (296, 21)

Return Tube Sub-assy

5.0 (51, 44 in. ⋅ lbf)

7.8 (80, 69 in. ⋅ lbf)

12 (122, 9)

25 (255, 18)

N·m (kgf·cm, ft·lbf): Specified torque

0
N·m (kgf·cm, ft·lbf): Specified torque

Engine Mounting Insulator RH

Engine Assembly with Transaxle

Vane Pump Assy

Front Suspension Crossmember w/ Center Member

TMMC, NUMMI Made:
65 (663, 48)

TAKAOKA, TAL Made:
87 (887, 64)
N·m (kgf·cm, ft·lbf) : Specified torque

A/T:
- Drive Plate & Ring Gear Sub-assy
- Drive Plate Spacer FR
- Drive Plate Spacer RR
- Automatic Transaxle Assy

M/T:
- Flywheel Sub-assy
- Clutch Disk Assy
- Clutch Cover Assy
- Manual Transaxle Assy

See page 14–27
1st 49 (500, 36)
2nd Turn 90°

1st 49 (500, 36)
2nd Turn 90°

9.8 (100, 7)
37 (377, 27)
37 (377, 27)

47 (479, 35)
64 (653, 47)

19 (194, 14)
64 (653, 47)

88 (897, 65)

2004 COROLLA (RM1037U)
Cylinder Head Sub–assy

Oil Control Valve Filter

Gasket

O–ring

Camshaft Timing Oil Control Valve Assy

Cylinder Block Sub–assy

Oil Seal

Oil Pan Sub–assy

See page 14–45
1st 49 (500, 36)
2nd Turn 90°
Plate Washer

Gasket

9.0 (92, 80 in. lbf)

Plate Washer

Gasket

Oil Pump Assy

9.0 (92, 80 in. lbf)

30 (306, 22)

Oil Control Valve Assy

Oil Strainer Sub–assy

9.0 (92, 80 in. lbf)

Non–reusable part

Oil Pan Drain Plug

9.0 (92, 80 in. lbf)

Oil Filter Union

Oil Filter Sub–assy

30 (306, 22)

Gasket

O–ring

9.0 (92, 80 in. lbf)

9.0 (92, 80 in. lbf)

Gasket

9.0 (92, 80 in. lbf)

N·m (kgf·cm, ft·lbf) : Specified torque

Oil Pan Drain Plug

Gasket

37 (377, 27)

9.0 (92, 80 in. lbf)

Oil Pan Sub–assy

Gasket

9.0 (92, 80 in. lbf)

Oil Pump Assy

Gasket

Oil Strainer Sub–assy

9.0 (92, 80 in. lbf)