ENGINE ASSEMBLY

COMPONENTS

- AIR CLEANER ASSEMBLY
- BATTERY CLAMP
- HEATER WATER OUTLET HOSE
- HEATER WATER INLET HOSE
- NO. 1 FUEL PIPE SUB-ASSEMBLY
- NO. 2 FUEL PIPE CLAMP
- NO. 2 FUEL PIPE SUB-ASSEMBLY
- NO. 2 AIR CLEANER HOSE
- BATTERY
- BATTERY TRAY
- HOOD SUPPORT

N*m (kgf*cm, ft*lbf) : Specified torque
EM–102

1GR-FE ENGINE MECHANICAL – ENGINE ASSEMBLY

INTAKE AIR SURGE TANK

NO. 1 SURGE TANK STAY

NO. 2 SURGE TANK STAY

OIL BAFFLE PLATE

THROTTLE BODY BRACKET

GASKET

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

● Non-reusable part

A128476E01
1GR-FE ENGINE MECHANICAL – ENGINE ASSEMBLY

VANE PUMP ASSEMBLY

FLYWHEEL SUB-ASSEMBLY

COOLER COMPRESSOR ASSEMBLY

FOR AUTOMATIC TRANSMISSION:

- DRIVE PLATE AND RING GEAR SUB-ASSEMBLY
- SPACER

FOR MANUAL TRANSMISSION:

- FLYWHEEL SUB-ASSEMBLY

- Specified torque:
  - N*m (kgf*cm, ft*lbf) 8.0 (82, 71 in.*lbf)
  - 48 (490, 35)
  - x6
  - 83 (846, 61)
  - x8

- Non-reusable part: 43 (438, 32)

- Specified torque:
  - N*m (kgf*cm, ft*lbf) 7.8 (80, 69 in.*lbf)
  - 24.5 (250, 18)

- Specified torque:
  - N*m (kgf*cm, ft*lbf) 24.5 (250, 18)
EM–104 1GR-FE ENGINE MECHANICAL – ENGINE ASSEMBLY

EXHAUST MANIFOLD SUB-ASSEMBLY RH

- GASKET

X6

30 (306, 22)

NO. 2 VENTILATION HOSE

38 (387, 28)

ENGINE MOUNTING BRACKET FRONT NO. 1 RH

43 (435, 31)

38 (387, 28)

ENGINE MOUNTING BRACKET FRONT NO. 1 LH

43 (435, 31)

38 (387, 28)

HEATER WATER INLET HOSE

HEATER WATER OUTLET HOSE

VENTILATION HOSE

EXHAUST MANIFOLD SUB-ASSEMBLY LH

- GASKET

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

- Non-reusable part
- OIL LEVEL GAUGE SUB-ASSEMBLY
- INTAKE MANIFOLD
- GASKET
- IGNITION COIL ASSEMBLY
- OIL FILLER CAP SUB-ASSEMBLY
- NO. 1 IDLER PULLEY SUB-ASSEMBLY
- NO. 2 IDLER PULLEY SUB-ASSEMBLY
- V-RIBBED BELT TENSIONER ASSEMBLY

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

● Non-reusable part