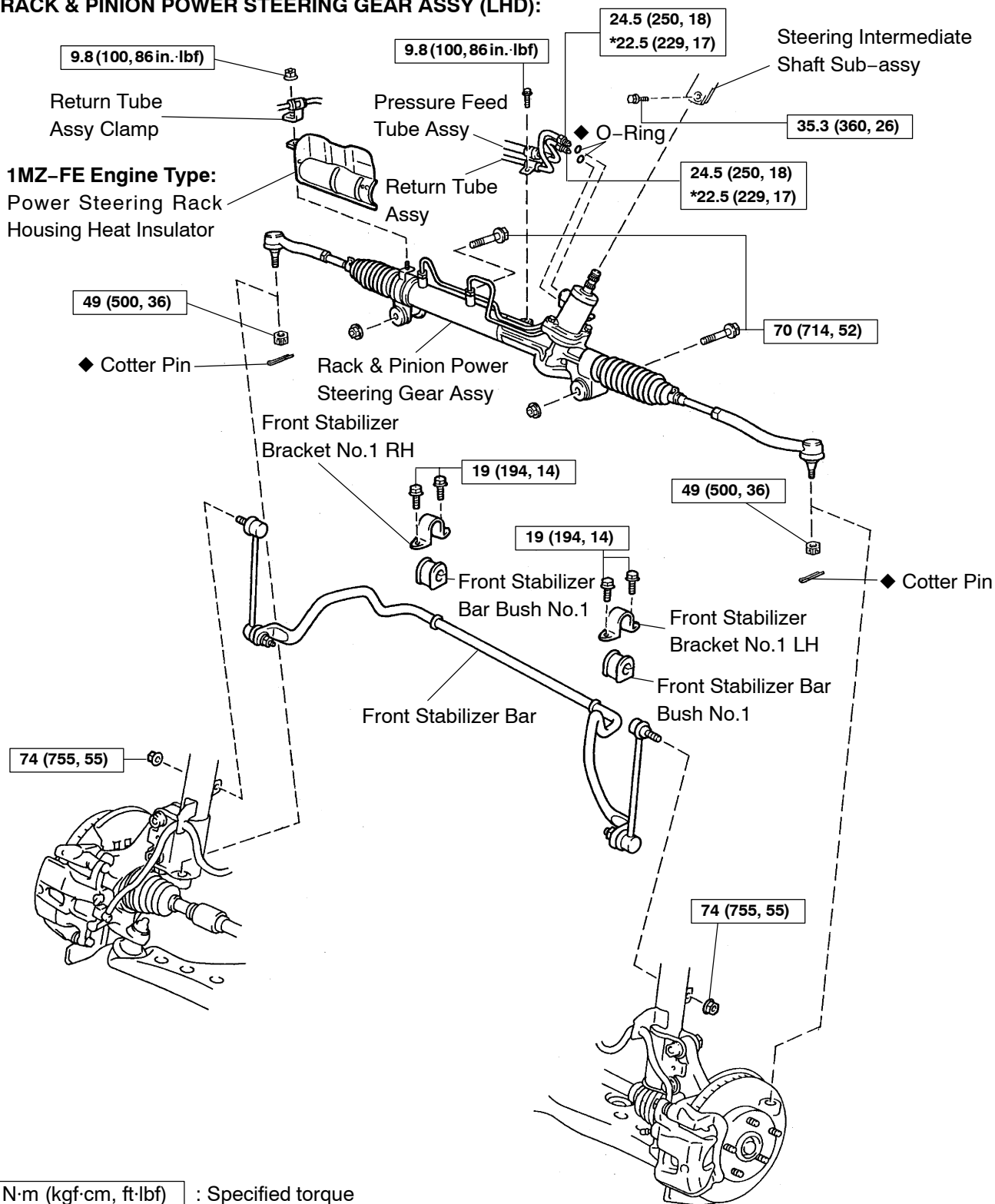


RACK & PINION POWER STEERING GEAR ASSY COMPONENTS

51061-01

RACK & PINION POWER STEERING GEAR ASSY (LHD):



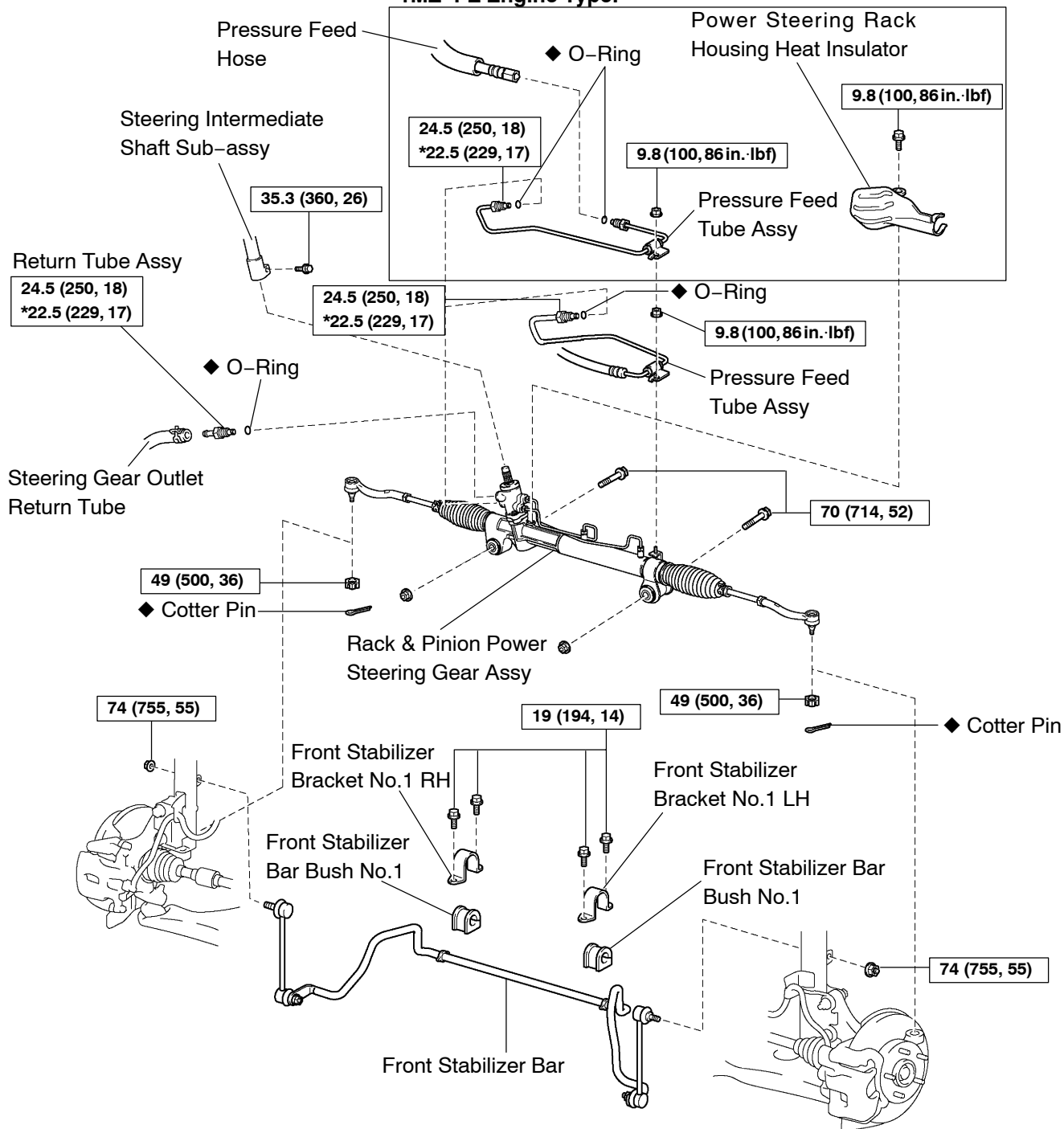
N·m (kgf·cm, ft·lbf) : Specified torque

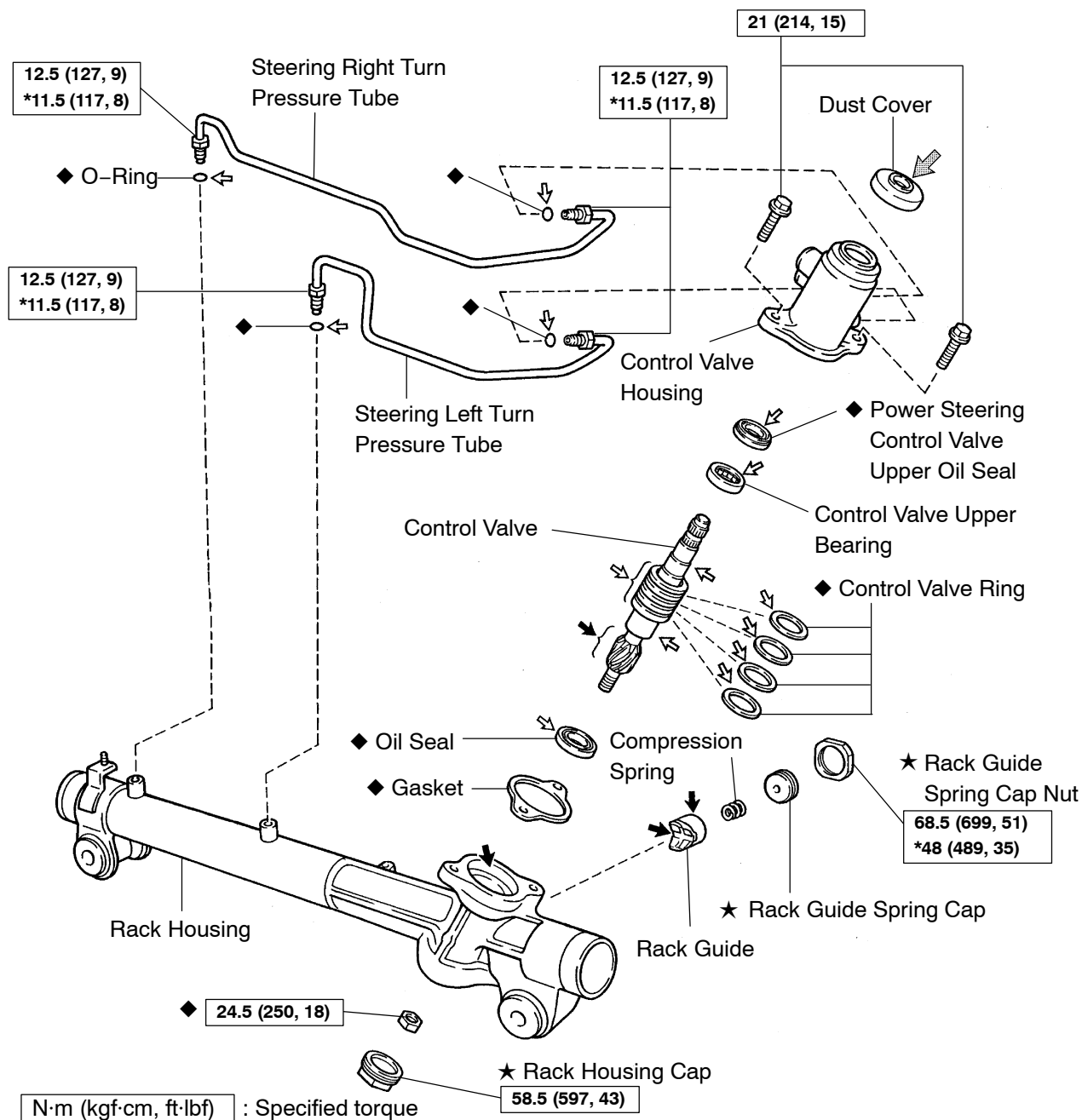
◆ Non-reusable part

* For use with SST

N

F41605

RACK & PINION POWER STEERING GEAR ASSY (RHD):**1MZ-FE Engine Type:**

RACK & PINION POWER STEERING GEAR ASSY (LHD):

This diagram illustrates the assembly of a steering rack, showing the relationship between various components and their specified torque values. The components are labeled as follows:

- Control Valve Housing:** The main upper housing for the control valve.
- Dust Cover:** A protective cover for the control valve area.
- Control Valve Upper Oil Seal:** Seals the upper part of the control valve.
- Control Valve Upper Bearing:** Supports the control valve assembly.
- Control Valve:** The central component that directs hydraulic pressure.
- Control Valve Ring:** A ring that fits around the control valve.
- Gasket:** A seal between the control valve and the rack housing.
- Rack Guide:** Guides the movement of the rack rod.
- Oil Seal:** Seals the rack rod where it enters the housing.
- Rack Guide Spring Cap:** A cap for the rack guide spring.
- Rack Guide Spring Cap Nut:** A nut that secures the rack guide spring cap.
- Compression Spring:** Provides tension for the rack guide.
- Rack Housing:** The main body of the steering rack.
- Rack Housing Cap:** A cap for the rack housing.
- Steering Left Turn Pressure Tube:** A tube that carries hydraulic pressure for left turns.
- Steering Right Turn Pressure Tube:** A tube that carries hydraulic pressure for right turns.
- O-Rings:** Multiple O-rings are used to seal various joints and connections.

The torque specifications for the assembly are provided in the following table:

Component	Specified Torque (N·m)	Specified Torque (kgf·cm)	Specified Torque (ft·lbf)
Control Valve Upper Oil Seal	21	214	15
Control Valve Upper Bearing	21	214	15
Control Valve Ring	12.5	127	9
Gasket	11.5	117	8
Rack Guide Spring Cap Nut	68.5	699	51
Rack Guide Spring Cap	48	489	35
Rack Housing Cap	58.5	597	43
Rack Housing	24.5	250	18

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

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

◆ Non-reusable part

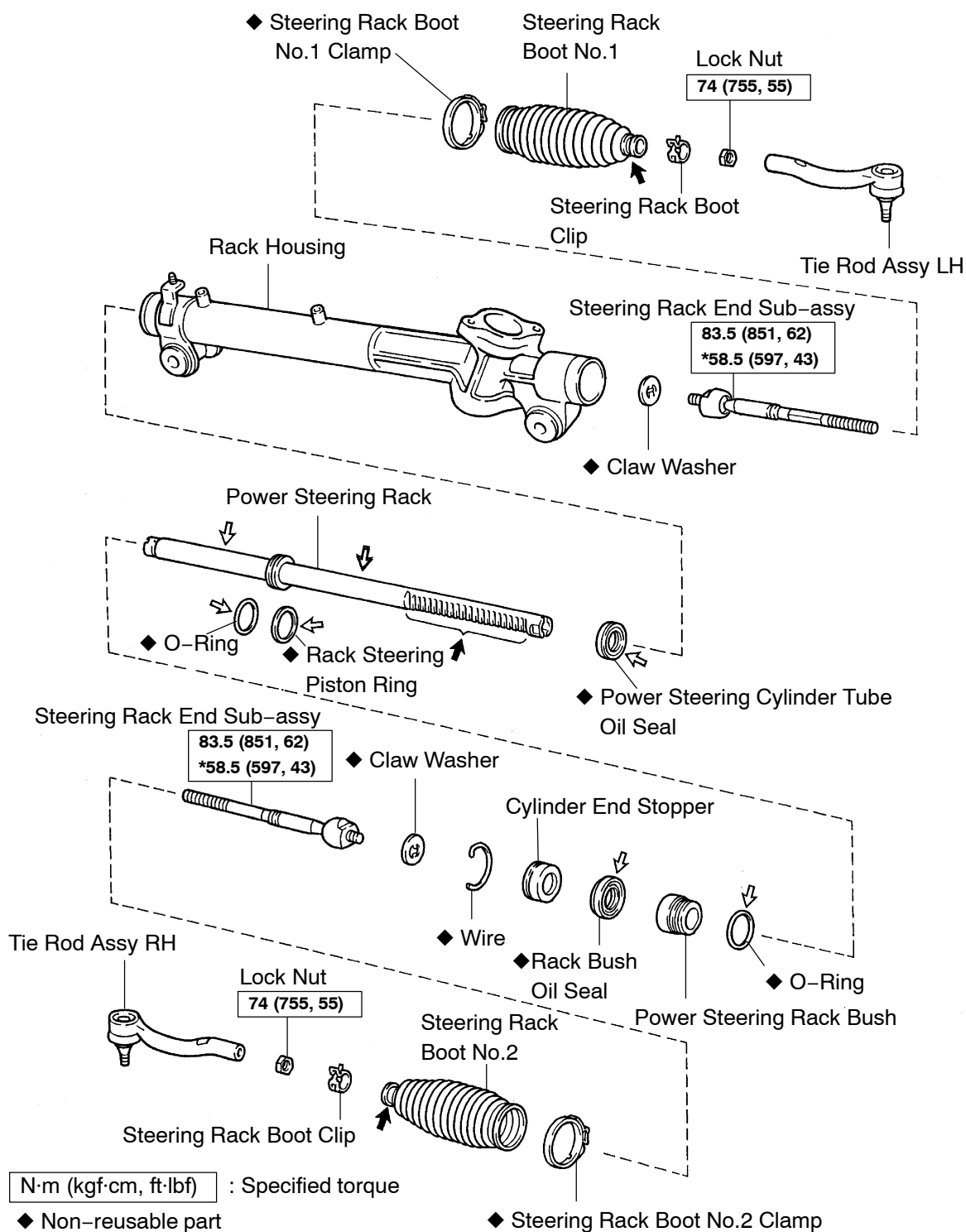
★ Precoated part

← Molybdenum disulfide lithium base grease

← Power steering fluid

← MP grease

* For use with SST

RACK & PINION GEAR POWER STEERING GEAR ASSY (LHD):

RACK & PINION GEAR POWER STEERING GEAR ASSY (RHD):