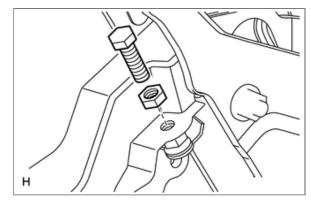
CLUTCH CLUTCH PEDAL(for LHD) INSTALLATION

# **PROCEDURE**

# **■** 1.INSTALL CLUTCH PEDAL STOPPER BOLT

31301F





Install the lock nut to the clutch pedal stopper bolt.

**b.** Temporarily install the clutch pedal stopper bolt to the clutch pedal support sub-assembly.

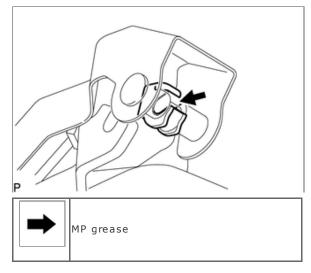
#### HINT

Tighten the lock nut to the specified torque when adjusting the clutch pedal.

### 2.INSTALL CLUTCH PEDAL SPRING HOLDER

31353





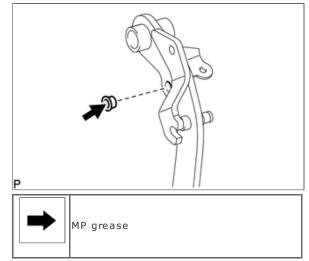
Apply MP grease to the contact surface of the clutch pedal spring holder.

**b.** Install the clutch pedal spring holder to the clutch pedal support sub-assembly.

# 3.INSTALL CLUTCH MASTER CYLINDER PUSH ROD CLEVIS BUSH

31453B





Apply MP grease to the inside of a new clutch master cylinder push rod clevis bush.

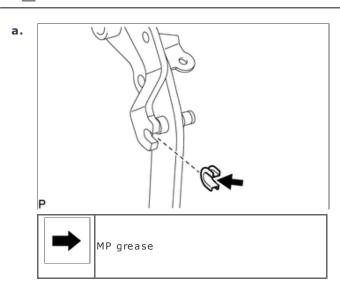
**b.** Install the clutch master cylinder push rod clevis bush to the clutch pedal sub-assembly.

### HINT:

Install the clevis bush from the left side of the vehicle.

## 4.INSTALL CLUTCH PEDAL TURNOVER BUSH

31301P



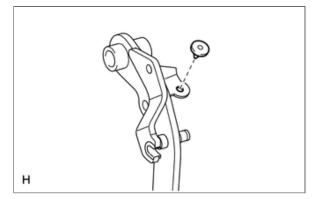
Apply MP grease to the inside of the clutch pedal turnover bush.

**b.** Install the clutch pedal turnover bush to the clutch pedal sub-assembly.

**■** 5.INSTALL NO. 1 CLUTCH PEDAL CUSHION

31301B

a.



Install the No. 1 clutch pedal cushion to the clutch pedal sub-assembly.

# 6.INSTALL CLUTCH PEDAL BUSH

MP grease

31301C

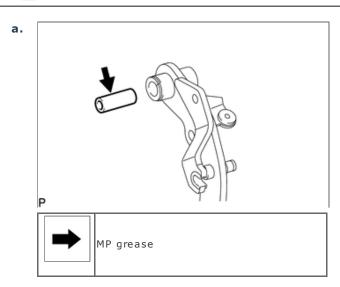
P.

Apply MP grease to the inside and outside of 2 new clutch pedal bushes.

**b.** Install the 2 clutch pedal bushes to the clutch pedal sub-assembly.

# 7.INSTALL CLUTCH PEDAL SHAFT COLLAR

31324A



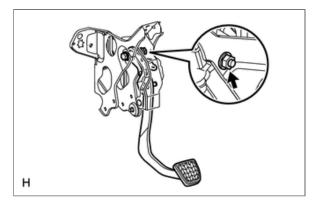
Apply MP grease to the clutch pedal shaft collar.

**b.** Install the clutch pedal shaft collar to the clutch pedal sub-assembly.

### 9.INSTALL CLUTCH PEDAL SUB-ASSEMBLY

31301

a.



Install the clutch pedal sub-assembly to the clutch pedal support sub-assembly with the bolt and nut.

#### **Torque:**

26 N\*m (265 kgf\*cm, 19 ft.\*lbf)

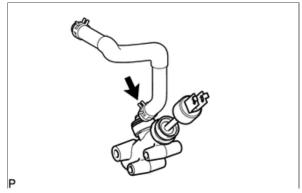
#### HTNT

Install the bolt from the left side of the vehicle.

## 10.INSTALL CLUTCH RESERVOIR TUBE

31434

a.



Connect the clutch reservoir tube to the clutch master cylinder assembly, and slide a new clamp to secure it.

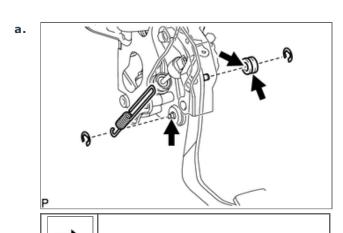
# **■ 11.INSTALL CLUTCH MASTER CYLINDER ASSEMBLY**

31410

Click hereDrivetrain>CLUTCH>CLUTCH MASTER CYLINDER(for LHD)>INSTALLATION

**■** 12.INSTALL CLUTCH PEDAL SPRING (for 1GR-FE)

31301A



Apply MP grease to the inside and outside of the spacer and pin of the clutch pedal support sub-assembly.

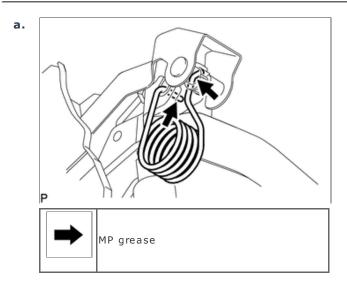
**b.** Install the spacer to the clutch pedal spring.

MP grease

**c.** Install the clutch pedal spring to the clutch pedal support sub-assembly with 2 new E-rings.

### 13.INSTALL TURN OVER SPRING SEAT COMPRESSION SPRING

31301R



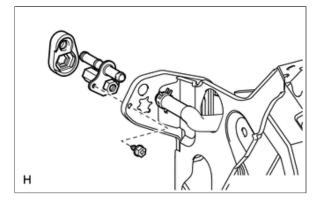
Apply MP grease to the contact surfaces of the clutch pedal spring holder, clutch pedal and turn over spring seat compression spring.

- **b.** Move the pedal to the full stroke position.
- **c.** Install the turn over spring seat compression spring to the clutch pedal sub-assembly and clutch pedal spring holder.

14.INSTALL CLUTCH PEDAL SUPPORT WAY

31331B

a.



Install the clutch pedal support way to the clutch pedal support sub-assembly with the screw.

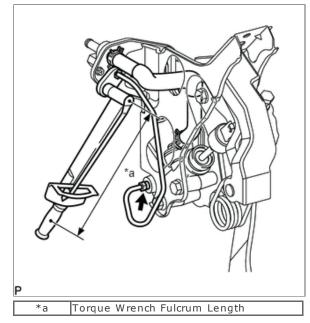
4.5 N\*m (46 kgf\*cm, 40 in.\*lbf)

- Connect the clutch reservoir tube to the clutch pedal support way, and slide a new clamp to secure it.
- Install the clutch pedal support grommet.

# 15.INSTALL CLUTCH MASTER CYLINDER TO 2 WAY TUBE

31481J

a.



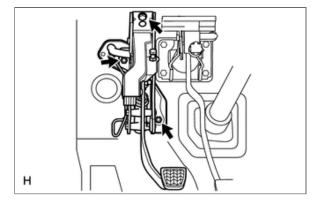
Using a union nut wrench, connect the clutch master cylinder to 2 way tube to the clutch master cylinder assembly and clutch pedal support way.

Specified tightening torque: 15.2 N\*m (155 kgf\*cm, 11 ft.\*lbf)

#### HINT:

- Calculate the torque wrench reading when changing the fulcrum length of the torque wrench. Click hereGeneral>INTRODUCTION>REPAIR INSTRUCTION>PRECAUTION
- When using a union nut wrench (fulcrum length of 22 mm (0.8661 in.)) + torque wrench (fulcrum length of 300 mm (11.811 in.)): 14.2 N\*m (145 kgf\*cm, 10 ft.\*lbf)





Install the clutch pedal support assembly with clutch master cylinder with the bolt and 2 nuts.

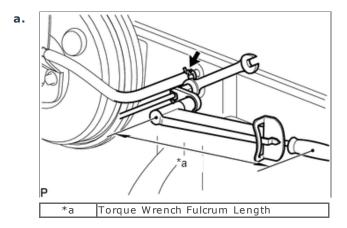
#### Torque:

for bolt : 19 N\*m (194 kgf\*cm, 14 ft.\*lbf) for nut : 14.2 N\*m (145 kgf\*cm, 10 ft.\*lbf)

17.INSTALL NO. 1 INSTRUMENT PANEL REGISTER CONNECTOR (w/ Heater)	55833D
Click hereVehicle Interior>HEATING / AIR CONDITIONING>AIR CONDITIONING UNIT>INSTALLATION	
■ 18.INSTALL NO. 2 HEATER TO REGISTER DUCT	55844
Click hereSteering>STEERING COLUMN>STEERING COLUMN ASSEMBLY>INSTALLATION	
■ 19.INSTALL LOWER INSTRUMENT PANEL FINISH PANEL ASSEMBLY	55480D
Click hereVehicle Interior>INTERIOR PANELS / TRIM>INSTRUMENT PANEL SAFETY PAD>INSTALLATION	
20.INSTALL FRONT NO. 1 SPEAKER ASSEMBLY	86160

Click hereAudio / Visual / Telematics>AUDIO / VIDEO>INSTRUMENT PANEL SPEAKER>INSTALLATION

21.CONNECT CLUTCH MASTER CYLINDER TO FLEXIBLE HOSE TUBE AND CLUTCH 31481
RESERVOIR TUBE



Using a union nut wrench, connect the flexible hose tube.

#### **Torque:**

Specified tightening torque: 15.2 N\*m (155 kgf\*cm, 11 ft.\*lbf)

## HINT:

- · Calculate the torque wrench reading when changing the fulcrum length of the torque wrench. Click hereGeneral>INTRODUCTION>REPAIR INSTRUCTION>PRECAUTION
- When using a union nut wrench (fulcrum length of 22 mm (0.8661 in.)) + torque wrench (fulcrum length of 300 mm (11.811 in.)): 14.2 N\*m (145 kgf\*cm, 10 ft.\*lbf)

22.FILL RESERVOIR WITH BRAKE FLUID	
Click hereDrivetrain>CLUTCH>CLUTCH SYSTEM>BLEEDING	
23.BLEED CLUTCH PIPE LINE	
Click hereDrivetrain>CLUTCH>CLUTCH SYSTEM>BLEEDING	
24.CHECK BRAKE FLUID LEVEL IN RESERVOIR	
Click hereDrivetrain>CLUTCH>CLUTCH SYSTEM>BLEEDING	
25.CHECK FOR CLUTCH FLUID LEAK	
26.INSPECT AND ADJUST CLUTCH PEDAL SUB-ASSEMBLY	31301

**b.** Connect the clutch reservoir tube to the clutch pedal support way, and slide a new clamp to secure it.

Click hereDrivetrain>CLUTCH>CLUTCH PEDAL(for LHD)>ADJUSTMENT

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