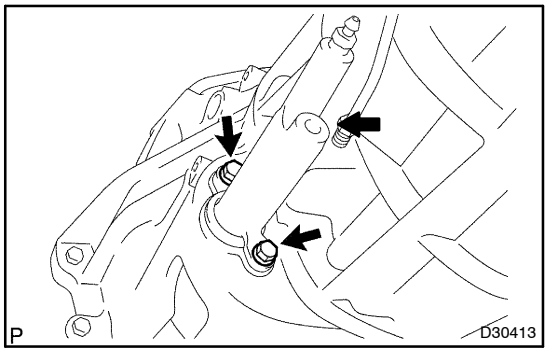
CLUTCH RELEASE CYLINDER ASSY (1GR–FE)

42069–01

OVERHAUL

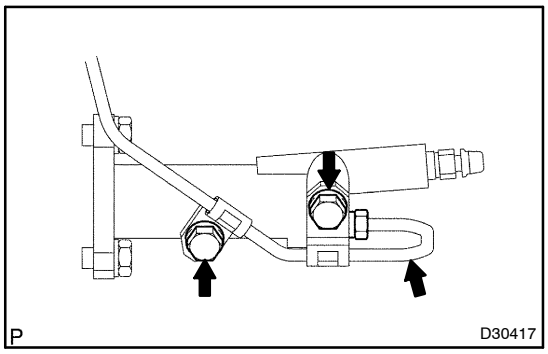
1. REMOVE ENGINE UNDER COVER ASSY REAR



2. SEPARATE CLUTCH RELEASE CYLINDER ASSY (RHD STEERING POSITION TYPE)

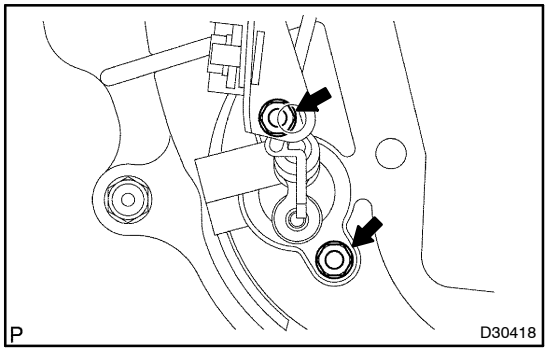
(a) Disconnect the clutch release cylinder to flexblehose tube from the clutch release cylinder.
SST 09023–00100

(b) Remove the 2 bolts and the clutch release cylinder assy.



3. SEPARATE CLUTCH RELEASE CYLINDER ASSY (LHD STEERING POSITION TYPE)

(a) Remove the 2 bolts and disconnect the clutch release cylinder to flexible hose tube.
SST 09023–00100



(b) Remove the 2 bolts and the clutch release cylinder assy.

4. REMOVE CLUTCH RELEASE CYLINDER KIT

(a) Remove the boot from the cylinder body.
(b) Remove the push rod from the cylinder body.
(c) Remove the piston from the cylinder body.

NOTICE:

Be careful not to damage the inside of the cylinder body.

(d) Remove the spring from the piston.
(e) Remove the bleeder plug cap from the bleeder plug.

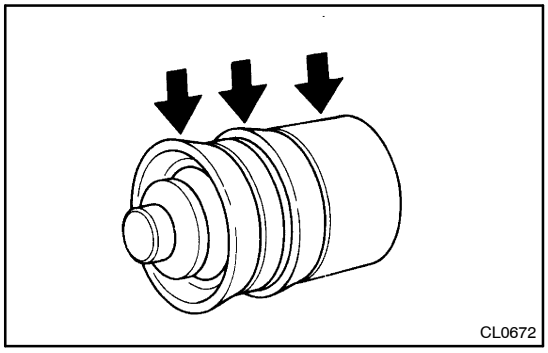
5. REMOVE RELEASE CYLINDER BLEEDER PLUG

6. INSTALL RELEASE CYLINDER BLEEDER PLUG

Torque: 11 N·m (112 kgf·cm, 8 ft·lbf)

7. INSTALL CLUTCH RELEASE CYLINDER KIT

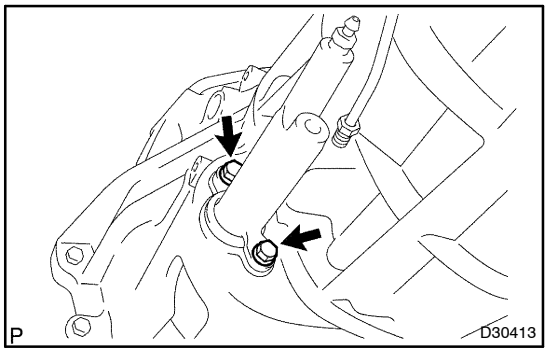
(a) Install the bleeder plug cap to the clutch release cylinder bleeder plug.
(b) Install a new spring to the piston.



(c) Coat the piston with lithium soap base glycol grease, as shown in the illustration.
(d) Install the piston with the spring to the cylinder body.

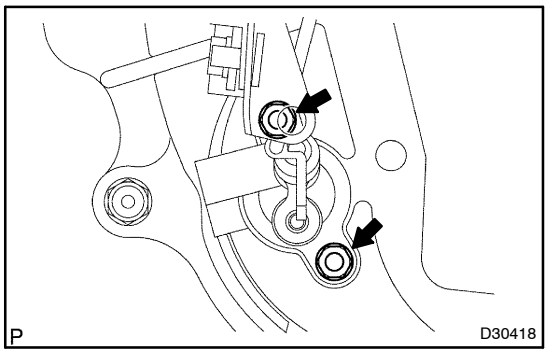
NOTICE:
Be careful not to damage the inside of the cylinder body.

(e) Install the push rod to the boot.
(f) Install the boot with push rod to the cylinder body.



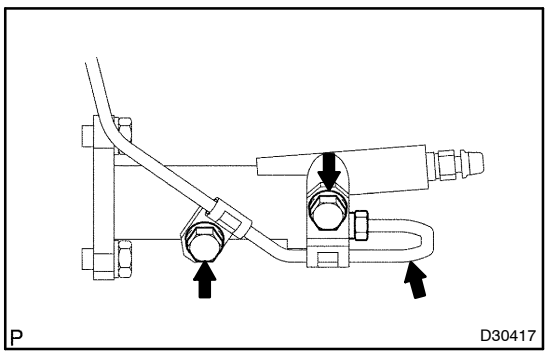
8. CONNECT CLUTCH RELEASE CYLINDER ASSY (RHD STEERING POSITION TYPE)

(a) Install the clutch release cylinder assy with the 2 bolts.
Torque: 19 N·m (194 kgf·cm, 14 ft·lbf)



9. CONNECT CLUTCH RELEASE CYLINDER ASSY (LHD STEERING POSITION TYPE)

(a) Install the clutch release cylinder assy with the 2 bolts.
Torque: 19 N·m (194 kgf·cm, 14 ft·lbf)



(b) Connect the clutch release cylinder to flexible hose tube with the 2 bolts.
SST 09023–00100
Torque:
Bolt: 19 N·m (194 kgf·cm, 14 ft·lbf)
Flare nut: 15 N·m (153 kgf·cm, 11 ft·lbf)

10. CHECK CLUTCH FLUID LEAKAGE

11. BLEED CLUTCH PIPE LINE

(a) LHD (w/o VSC):
Fill the brake master cylinder reservoir tank with clutch fluid and bleed the clutch system.
Torque: 11 N·m (112 kgf·cm, 8 ft·lbf)

(b) Except LHD (w/o VSC):
Fill the clutch master cylinder reservoir tank with fluid bleed the clutch system.
Torque: 11 N·m (112 kgf·cm, 8 ft·lbf)

12. INSPECT CHECK FLUID LEVEL IN RESERVOIR

13. INSTALL ENGINE UNDER COVER ASSY REAR
Torque: 29 N·m (296 kgf·cm, 21 ft·lbf)