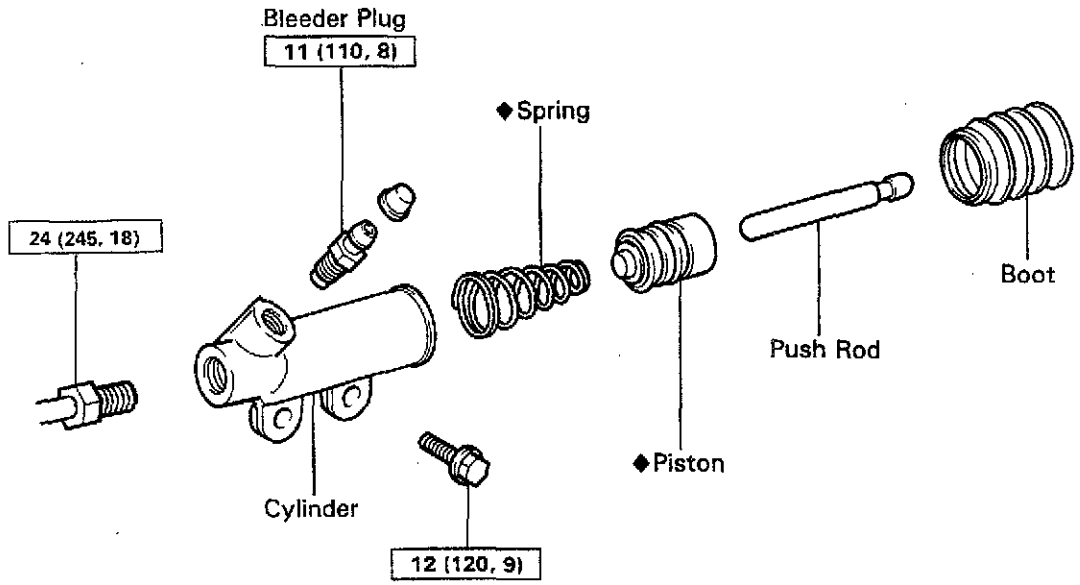
CLUTCH RELEASE CYLINDER

COMPONENTS

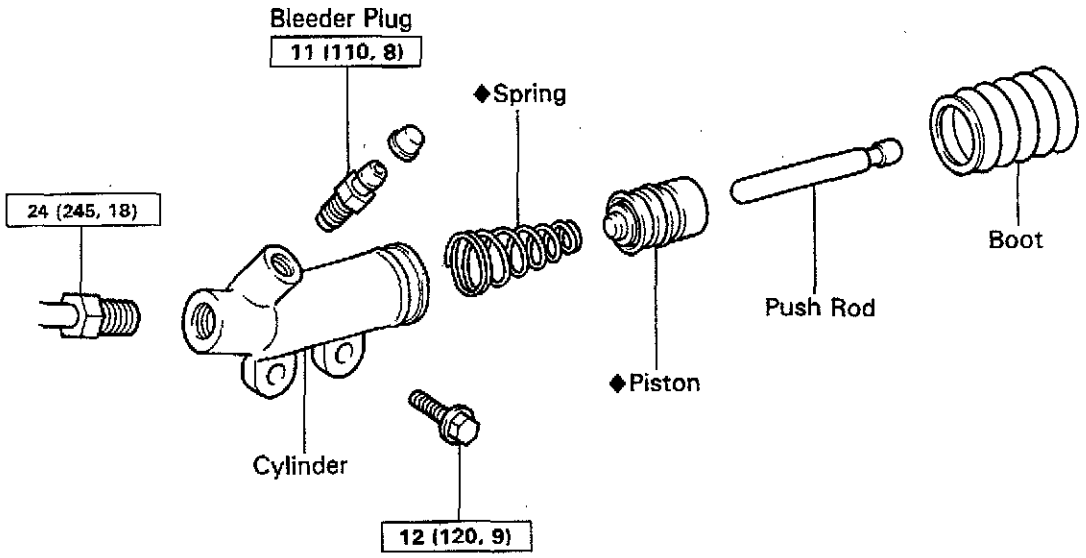
CL040-01

CL

3B, 14B Engine



1HZ Engine

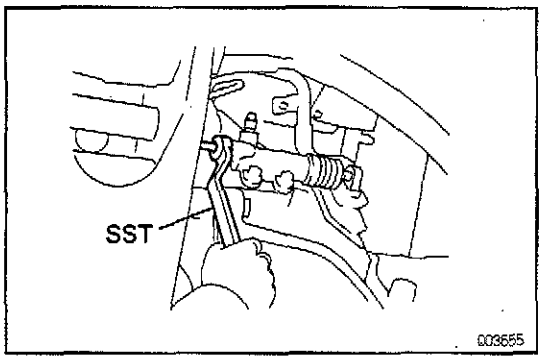


Q03615
Q03614

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

◆ *Non-reusable part*

Z07210

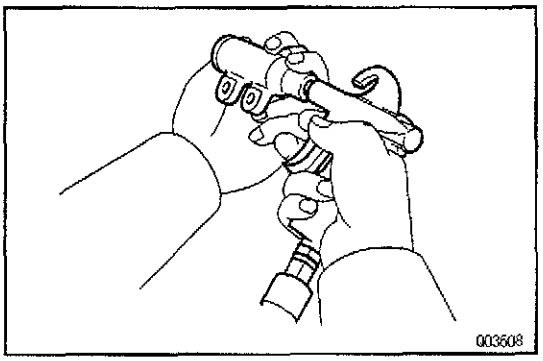


CL

RELEASE CYLINDER REMOVAL

CL04E-01

1. **DISCONNECT CLUTCH LINE UNION**
   Using SST, disconnect the union.
   SST 09751-36011
2. **REMOVE 2 BOLTS AND PULL OUT RELEASE CYLINDER**



RELEASE CYLINDER DISASSEMBLY

CL04F-01

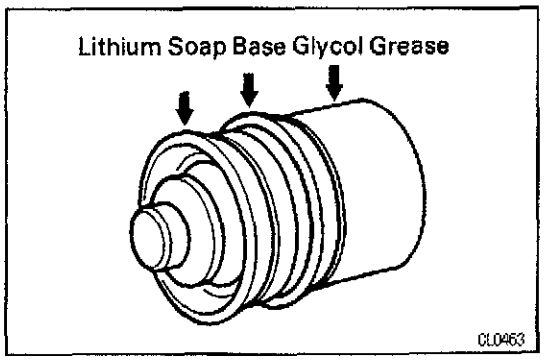
1. **REMOVE BOOT**
2. **PULL OUT PUSH ROD**
3. **REMOVE PISTON**

RELEASE CYLINDER INSPECTION

CL04G-01

HINT: Clean the disassembled parts with compressed air.

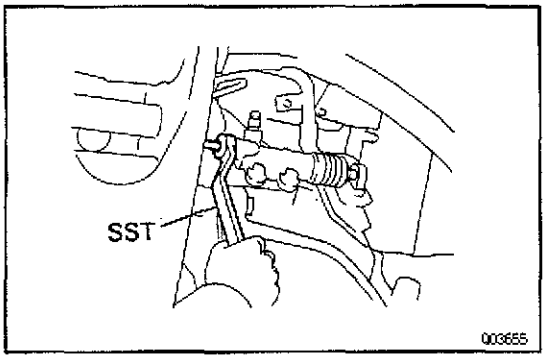
1. **INSPECT RELEASE CYLINDER BORE FOR SCORING OR CORROSION**
   If a problem is found, clean or replace the cylinder.
2. **INSPECT PISTON AND CUPS FOR WEAR, SCORING, CRACKS OR SWELLING**
   If either one requires replacement, use the parts from the cylinder kit.
3. **INSPECT PUSH ROD FOR WEAR OR DAMAGE**
   If necessary, replace the push rod.



RELEASE CYLINDER ASSEMBLY

CL04H-01

1. **COAT PISTON WITH LITHIUM SOAP BASE GLYCOL GREASE, AS SHOWN**
2. **INSTALL PISTON WITH SPRING INTO CYLINDER**
3. **INSTALL BOOT WITH PUSH ROD TO CYLINDER**



RELEASE CYLINDER INSTALLATION

1. **INSTALL RELEASE CYLINDER WITH 2 BOLTS**
   Torque: 12 N·m (120 kgf·cm, 9 ft·lbf)
2. **CONNECT CLUTCH LINE UNION**
   Using SST, connect the union.
   SST 09751–36011
3. **BLEED CLUTCH SYSTEM**
   (See page CL–7)

CL