

28. Apply grease to O-rings, and install them to brake piston.

Install brake piston to flange holder to align pin installed on base plate in with holes on brake piston.

When install it, beat on evenly outside of brake piston by using of plastic hammer.

Tools required: Plastic hammer

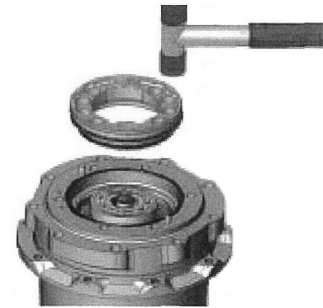


Figure 80

FG007218

! CAUTION!

Each back up ring should be set out side position.
Be careful of installing direction brake piston.

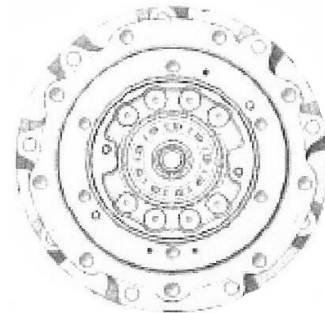


Figure 81

FG007219

29. With parking brake type-Install springs base plate, pin.

! CAUTION!

Be careful of installing assprings, don't fall dawn.
It is difficult to fall down by greased them.



Figure 82

FG007220

Without parking brake type- Install base plate.

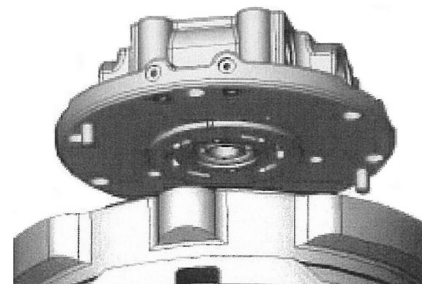


Figure 83

FG007221

30. Tighten socket head bolt.

Tools required: Torque wrench

Hexagonal bit for torque wrench

Tightening torque $128.5 \pm 6.9 \text{ N}\cdot\text{m}$

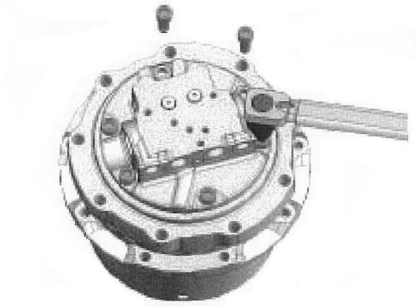


Figure 84

FG006604

31. Place spool and spring in.

Place the spool in while turning to prevent them from sticking.

Apply hydraulic oil to the spool before installation.

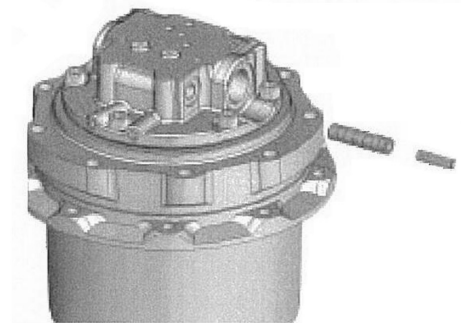


Figure 85

FG006497

32. Tighten plugs, with O-ring.

Tools required: Torque wrench

Hexagonal bit for torque wrench

Socket for torque wrench

Tightening torque $53.9 \pm 4.9 \text{ N}\cdot\text{m}$

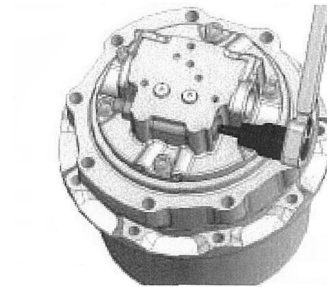


Figure 86

FG006496

33. Install check valve, spring and plug with O-ring to plunger.

Apply a slight grease to the O-ring.

Tools required: Torque wrench

Hexagonal bit for torque wrench

Tightening torque $31.9 \pm 2.45 \text{ N}\cdot\text{m}$



Figure 87

FG007222

34. Install plunger assembly on base plate.
Install it while turning to prevent it from sticking.
Apply hydraulic oil to plunger assembly before installation.

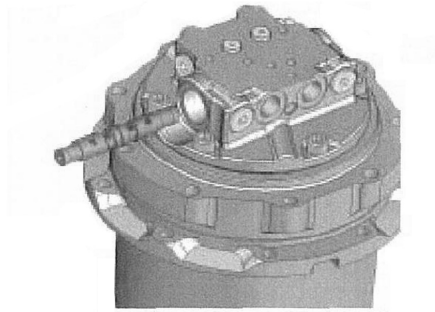


Figure 88

FG006493

35. Place spring and spring seat in.

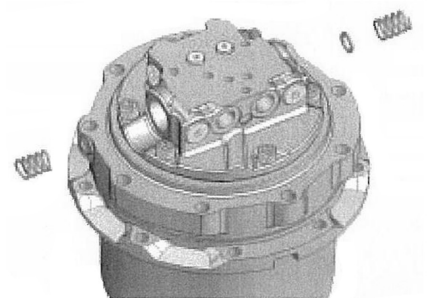


Figure 89

FG006492

36. Tighten cap with O-ring.
Apply a slight grease to the O-ring.
Tools required : Torque wrench
Hexagonal bit for torque wrench
Tightening torque $240 \pm 5 \text{N} \cdot \text{m}$

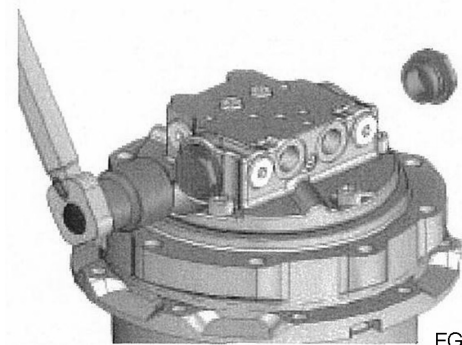


Figure 90

FG006491

37. Tighten plug with O-ring and shipping plug.
Tools required: Torque wrench
Hexagonal bit for torque wrench
Tightening torque $53.9 \pm 4.9 \text{N} \cdot \text{m}$

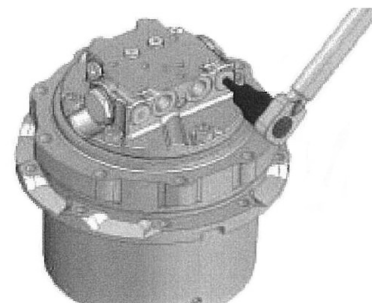


Figure 91

FG007223