

## INSTALLATION PROCEDURE

TOYOTA CARTRIDGE OIL FILTERS: PG5608 / PG5608EX / PG5609EX

APPLIES TO: Certain Toyota and Lexus Models  
Ranging from 2005 - 2018

2.0L, 2.5L, 2.7L, 3.5L, 4.0L, 4.6L, and 5.0L Engines

*These filters will require special attention to this bulletin while being installed to ensure a proper seal, reducing the opportunity for leakage, and torquing to specification is of critical importance.*

**INSTALLATION PROCEDURE**

- Oil drainage of Oil Filter**  
Remove bolt (A), insert Drain Pipe (B) into threaded hole with force and drain oil.  
**Caution !: Hot oil drained from Pipe, Please be careful!**  
After the engine oil has drained, remove Drain Pipe by pushing to side.
- Replacement of Filter Element and Large O-ring**  
Remove Cap with Special Service Tool (SST).  
Drain residual engine oil left inside Cap.  
Remove Filter Element (A) and O-ring (B).  
Please be careful not to damage O-ring groove portion when removing O-ring.  
Cleanly wipe off any contamination from inside the Oil Filter housing.  
Cleaning portions: Threads (A,B), Flange (C,D), O-ring groove portion (E,F).  
Apply clean engine oil all around O-ring, install into O-ring groove portion.  
make sure O-ring is in groove portion and correctly seated. Then install Filter Element.  
Again apply clean engine oil on outside periphery of O-ring, tighten Cap to  $25 \pm 5\text{N}\cdot\text{m}$  ( $19 \pm 4\text{lb}\cdot\text{ft}$ ) by SST.
- Small O-ring and Bolt assembly**  
Clean O-ring groove portion. Then apply clean engine oil all around O-ring.  
install into O-ring groove portion securely.  
Tighten Bolt to  $12.5 \pm 2.5\text{N}\cdot\text{m}$  ( $9.5 \pm 2\text{lb}\cdot\text{ft}$ )

**Oil leakage check**  
After adding the engine oil, run engine for 3 minutes and check for leaks.

⚠ Make sure to fit O-ring in the correct position.  
 ⚠ Assurez-vous que le joint torique est correctement positionné.

**OK**

section view  
Vue en coupe

O-ring  
Joint torique

O-rings not sticking out  
Joint torique en bonne position

**NG**

section view  
Vue en coupe

O-ring  
Joint torique

O-ring's sticking out  
Joint torique en mauvaise position

**Fig.a**

⚠ Oil can leak  
 ⚠ Risques de fuites d'huile