

## INSTALLATION INSTRUCTIONS

**PART #: 601**

### PRODUCT DESCRIPTION:

RSS Underdrive Pulley & Wrench Kit for  
**996/997.1 Non-DFI Models**

**TOOLS NEEDED:** 1/2" ratchet, 1/2" 24mm socket, 3/8" ratchet, 3/8", 13mm and E12 sockets, 24mm wrench, 7mm nut driver, die grinder or similar tool, 8mm bolt 40-45mm long (included)

#### Basic Steps:

1. Remove air cleaner housing.
2. Remove drive belt. Be sure to mark the running direction of the drive belt for reinstallation.
3. Remove idler pulley closest to the crankshaft pulley (not the tensioning idler).
4. Rotate the crankshaft until the notch in the pulley lines up with the timing mark on the engine case (TDC).
5. Insert the 8mm bolt into the hole in the pulley marked OT. Be sure it engages the boss on the engine case.
6. Remove fastening bolt, and remove factory pulley.

Note: In order to accommodate the smaller diameter RSS pulley, the timing boss on the engine case must be shortened using die grinder or similar tool.

7. Install RSS pulley.
8. Using the wrench provided to counter the pulley, torque the bolt to 50N\*m/37lbs\*ft plus 90° torque angle.
9. Install idler pulley. Torque bolt to 25N\*m.
10. Install drive belt ensuring the running direction is the same as before it was removed.
11. Install air cleaner housing.

**PART #: 601**

### PRODUCT DESCRIPTION:

RSS Underdrive Pulley & Wrench Kit for  
**986/987.1 Boxster/Cayman Non-DFI Models**

**TOOLS NEEDED:** 1/2" ratchet, 1/2" 24mm socket shortened to 30mm, 3/8" ratchet, 10mm and E12 sockets, 10mm and 24mm wrenches, die grinder or similar tool, 8mm bolt 40-45mm long (included)

#### Basic Steps:

1. Move seats to the front most position.
2. Remove necessary interior components to gain access to rear wall cover.
3. Remove rear wall cover.
4. Remove drive belt. Be sure to mark the running direction of the drive belt for reinstallation.
5. Remove idler pulley closest to the crankshaft pulley (not the tensioning idler).
6. Rotate the crankshaft until the notch in the pulley lines up with the timing mark on the engine case (TDC).
7. Insert the 8mm bolt into the hole in the pulley marked OT. Be sure it engages the boss on the engine case.
8. Remove fastening bolt, and remove factory pulley.

Note: In order to accommodate the smaller diameter RSS pulley, the timing boss on the engine case must be shortened using die grinder or similar tool.

9. Install RSS pulley.
10. Using the wrench provided to counter the pulley, torque the bolt to 50N\*m/37lbs\*ft plus 90° torque angle.
11. Install idler pulley. Torque bolt to 25N\*m.
12. Install drive belt ensuring the running direction is the same as before it was removed.
13. Install rear wall cover.
14. Install removed interior components.

**⚠ ATTENTION ⚠**

**PROFESSIONAL INSTALLATION IS ALWAYS RECOMMENDED**