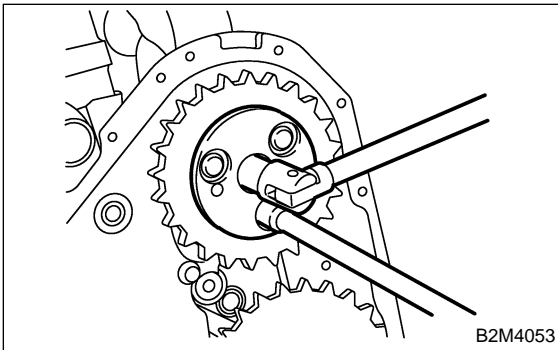


## 13. Camshaft Sprocket S143097

### A: REMOVAL S143097A18

- 1) Remove crankshaft pulley. <Ref. to ME(H6)-42, REMOVAL, Crankshaft Pulley.>
- 2) Remove front chain cover. <Ref. to ME(H6)-43, REMOVAL, Front Chain Cover.>
- 3) Remove timing chain assembly. <Ref. to ME(H6)-45, REMOVAL, Timing Chain Assembly.>
- 4) Remove camshaft sprocket. To lock camshaft, use ST.

ST 18231AA000 CAMSHAFT SPROCKET  
WRENCH



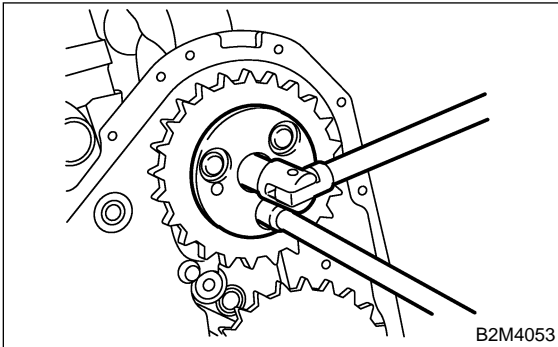
### B: INSTALLATION S143097A11

- 1) Install camshaft sprocket. To lock camshaft, use ST.

ST 18231AA000 CAMSHAFT SPROCKET  
WRENCH

#### **Tightening torque:**

**13 N·m (1.0 kgf·m, 7.2 ft·lb)**



- 2) Install timing chain assembly. <Ref. to ME(H6)-46, INSTALLATION, Timing Chain Assembly.>
- 3) Install front chain cover. <Ref. to ME(H6)-43, INSTALLATION, Front Chain Cover.>
- 4) Install crankshaft pulley. <Ref. to ME(H6)-42, INSTALLATION, Crankshaft Pulley.>

### C: INSPECTION S143097A10

- 1) Check sprocket teeth for abnormal wear and scratches.
- 2) Make sure there is no free play between sprocket and key.