

## 1-5 [G3A0] PERIODIC MAINTENANCE SERVICES

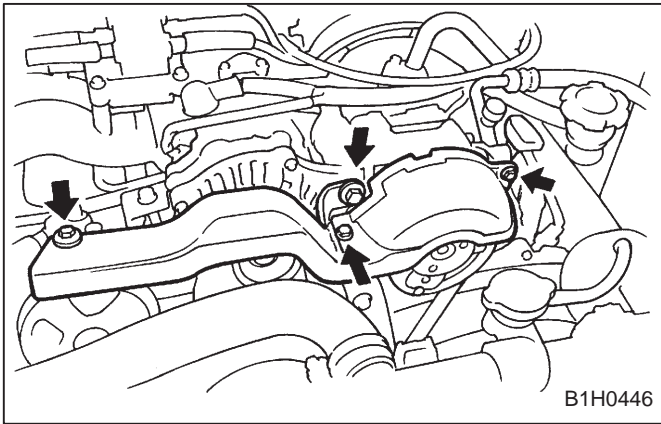
### 3. Camshaft Drive Belt (Timing belt)

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		MAINTENANCE INTERVAL															
		[Number of months or km (miles), whichever occurs first]															
Months	3	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5	90	97.5	105	112.5	120
× 1,000 km	4.8	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192
× 1,000 miles	3	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75	82.5	90	97.5	105	112.5	120
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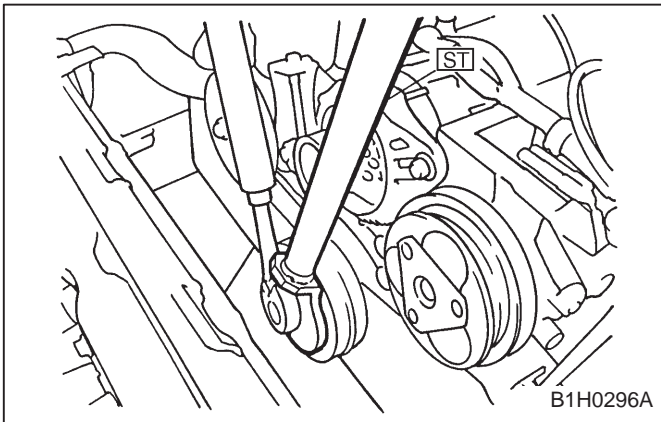
#### A: REPLACEMENT

- 1) Remove radiator fan <Ref. to 2-5 [W5A0].> and air conditioner fan <Ref. to 2-5 [W6A0].>
- 2) Remove V-belt cover.



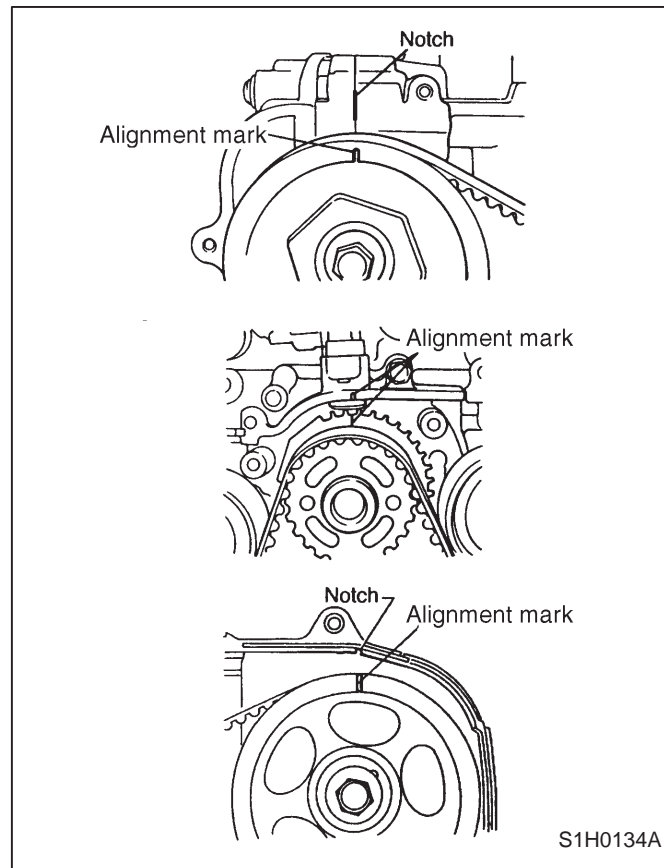
- 3) Remove V-belts. <Ref. to 1-5 [G2B0].>
- 4) Remove air conditioning compressor drive belt tensioner.
- 5) Remove pulley bolt. To lock crankshaft use ST.

ST 499977100  
CRANKSHAFT PULLEY WRENCH



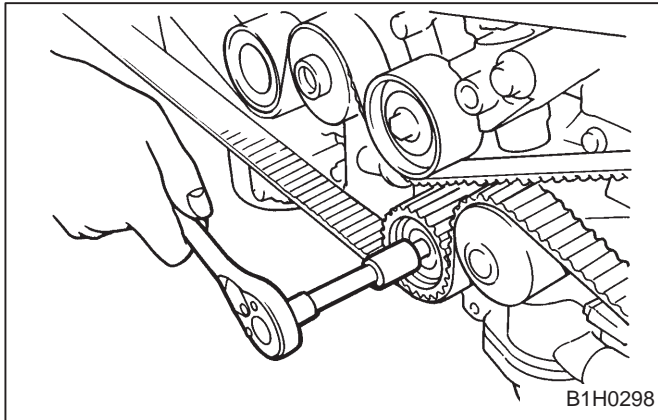
- 6) Remove crankshaft pulley.
- 7) Remove left side belt cover.
- 8) Remove front belt cover.
- 9) Turn crankshaft and align alignment marks on crankshaft, and left and right camshaft sprockets with notches of belt cover and cylinder block:

ST 499987500 CRANKSHAFT SOCKET

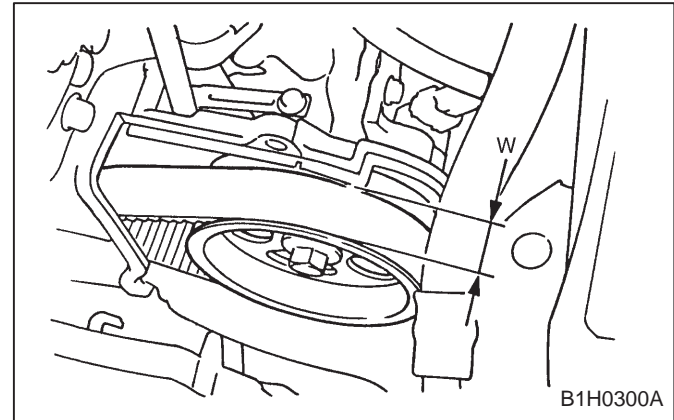


**PERIODIC MAINTENANCE SERVICES****[G3C0] 1-5****3. Camshaft Drive Belt (Timing belt)**

- 10) Remove belt idler.
- 11) Remove belt idler (No.2).

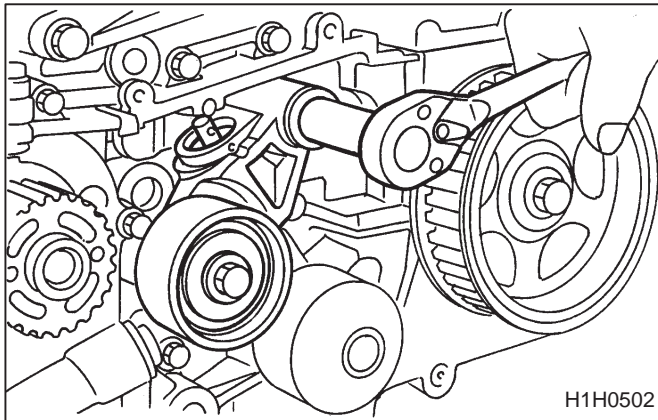


idler alignment (squareness). Replace worn timing belt.



- 12) Remove timing belt.
- 13) Remove automatic belt tension adjuster assembly.

- 4) Install left and right timing belt covers.

**B: INSTALLATION**

To install, reverse order of removal procedures.  
<Ref. to 2-3 [W3C0].>

**CAUTION:**

**When installing the timing belt, be sure to align all alignment marks on the belt with corresponding marks on the sprockets. If incorrectly installed, interference between pistons and valves may occur.**

**C: INSPECTION**

- 1) Remove left and right timing belt covers.
- 2) While cranking engine at least four rotations, check timing belt back surface for cracks or damage. Replace faulty timing belt as needed.
- 3) Measure timing belt width W. If it is less than 27 mm (1.06 in), check idlers, tensioner, water pump pulley and cam sprocket to determine