



### Replacement Interval Guide

Subaru recommend:

Justy: Replacement every 45,000 miles or 36 months, whichever occurs first.

Sumo: Replacement every 48,000 miles or 48 months, whichever occurs first.

The previous use and service history of the vehicle must always be taken into account.

### Check For Engine Damage

CAUTION: This engine has been identified as a FREEWHEELING engine in which the possibility of valve-to-piston damage in the event of a timing belt failure may be minimal or very unlikely.

However, a precautionary compression check of all cylinders should be performed.

### Repair Times - hrs

Remove & install:	
Justy	1,40
Sumo (E10/E12)	0,80 <sup>1</sup>
Sumo (E12)	5,40 <sup>2</sup>

<sup>1</sup> Early models - engine installed.

<sup>2</sup> Later models - includes remove & install engine.

### Special Tools

Crankshaft pulley holding tool EF10 - Subaru No.499205500.

Crankshaft pulley holding tool EF12 - Subaru No.498715600.

### Special Precautions

Disconnect battery earth lead.

DO NOT turn crankshaft or camshaft when timing belt removed.

Remove spark plugs to ease turning engine.

Turn engine in normal direction of rotation (unless otherwise stated).

DO NOT turn engine via camshaft or other sprockets.

Observe all tightening torques.

### Removal

1. Remove auxiliary drive belt.
2. Hold crankshaft pulley [2] . Use appropriate tool. Slacken crankshaft pulley bolt [1] .
3. Turn crankshaft to TDC on No.3 cylinder exhaust stroke.
4. Remove:  
Crankshaft pulley bolt [1] .  
Crankshaft pulley [2] .  
Timing belt cover and seal [3] & [4] .  
Crankshaft sprocket guide washer [7] .

5. Ensure timing marks aligned [5] & [6] .
6. Slacken tensioner bolts [8] . Move tensioner away from belt and lightly tighten bolts.
7. Remove timing belt.

### Installation

1. Ensure timing marks aligned [5] & [6] .
2. Fit timing belt in following order:  
Crankshaft sprocket  
Camshaft sprocket.  
Tensioner pulley.
4. Slacken tensioner bolts [8] . Allow tensioner to operate and tighten bolts.
5. Turn crankshaft two turns clockwise. Ensure timing marks aligned [5] & [6] .
6. Fit crankshaft sprocket guide washer [7] .
7. Install components in reverse order of removal.
8. Hold crankshaft pulley [2] . Use appropriate tool. Tighten crankshaft pulley bolt [1] . EF10: 70 Nm. EF12: 88 Nm.

Fig. 10988