

Daihatsu Charade 1987-1993 Engine Manual

1. **Tools**
Water pump puller
Camshaft pulley
Remover/cutter
Screwdriver
Oil filter cap
Timing belt cover
Timing belt cover
Camshaft head cover
Timing belt upper cover
Timing belt lower cover

REMOVAL
1. Remove the oil filter.
2. Remove the camshaft pulley.
When removing the attaching bolt of the camshaft pulley, use the holding tool to prevent the ring gear from turning.
Holding tool: 00001-87701-0000



3. **Timing belt upper assembly No. 1**
Timing belt upper assembly No. 2. Remove the timing belt cover.
4. **Timing belt**

5. Remove the cylinder head cover.
6. Remove the oil filter cap.
7. Remove the timing belt upper cover.
8. Remove the cylinder head cover.
9. Remove the timing belt lower cover.
10. Remove the timing belt tensioner pulley.

When removing the timing belt tensioner pulley, put a mark on the pulley hub so the pulley can be reinstalled in the same position.

Before removing the timing belt, make sure to note the position of the camshaft timing marks. They should be rotated, the piston with the number 1 cylinder, and the valves, resulting in damage to the engine.

11. **Timing belt after subassembly No. 1**
Timing belt after subassembly No. 2. Remove the timing belt cover.

12. Remove the crankshaft timing belt pulley flange.
13. Remove the timing belt.

First to the timing belt removal, put a mark which shows the normal rotating direction of the back surface of the timing belt, using chalk or the like.

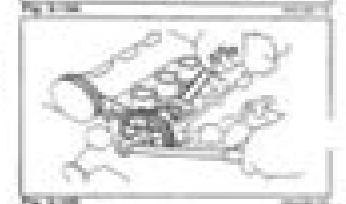
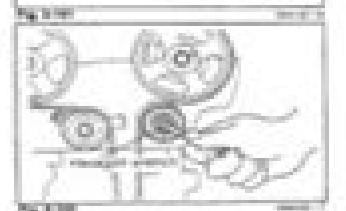
NOTICE:

- (1) When removing the timing belt, make sure not to bend the belt sharply to form a sharp radius. Moreover, never use a screwdriver on the like.
- (2) Never allow oil and water to get to the timing belt.

14. Remove the crankshaft timing belt pulley, as follows:
Screw in M6 bolts. Remove the crankshaft timing belt pulley together with the bolts.

15. Remove the camshaft timing belt pulley (inner & outer).

When removing the attaching bolt of the camshaft timing belt pulley, prevent the rotation of the camshaft by holding the flywheel position switch (with 20 N-m of the cylinder head) with a spanner or the like.



Charade Engine Manual

Yijin Wang

Charade Engine Manual:

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