

Mazda B-Series 1998-2006 Workshop Manual

CYLINDER BLOCK DISASSEMBLY/ASSEMBLY (2)

1. Disassemble in the order shown in the figure.
2. Assemble in the reverse order of disassembly.



1	Crankshaft pulley	Disassembly Note
2	PIP pulley	Disassembly Note
3	Timing gear cover	Disassembly Note
4	Oil pump	Disassembly Note
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Crankshaft Pulley Disassembly Note

- Remove the crankshaft pulley by using the SST.



PIP Pulley Disassembly Note

- Remove the PIP pulley by using the SST.



Timing Gear Cover Disassembly Note

1. Remove the timing gear cover by using a separator tool.



2. Remove the oil seal by using a screwdriver provided with a rag.



PIP Gear Disassembly Note

1. Set the No. 1 cylinder to compression TDC.
2. Rotate the flywheel ring gear from TDC to approximately 90° BTDC (about 10 teeth on the gear).

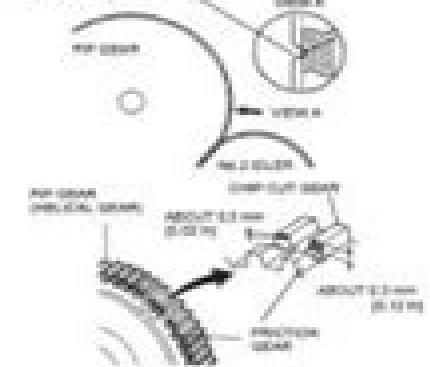
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3. Verify that the anti-gear (V groove) of the timing gear cover and the ship-out gear of the PIP gear are aligned.

Note

- If the ship out gear is hard to find, move the PIP gear on notch back and forth, then check the ship out gear.

SHIP OUT GEAR (V GROOVE)



4. Hold the crankshaft by using the SST and loosen the gear nut.



5. Remove the PIP gear by using the SST.

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S Ben Porath



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