

# 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
2	PIP pulley
3	Timing gear cover
4	Oil pump
5	PIP gear
6	Timing gear
7	PIP gear
8	Oil pump

9	Oil pump
10	Oil pump
11	Oil pump
12	Oil pump
13	Oil pump
14	Oil pump
15	Oil pump
16	Oil pump
17	Oil pump

### 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

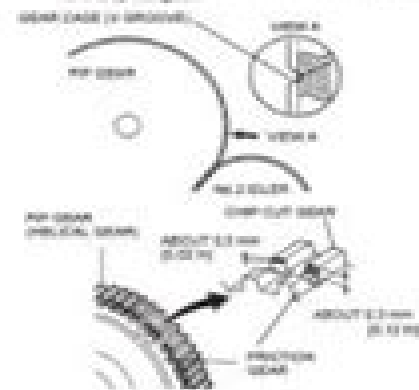
1. Set the No. 1 cylinder to compression TDC.
2. Rotate the flywheel ring gear from TDC to approximately 90° BTDC (about 10 teeth on the gear).

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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.



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



5. Remove the PIP gear by using the SST.

CONTINUED

# Mazda B Series Repair Manual

**Chao Zhang**



## **Mazda B Series Repair Manual:**

**Ford Ranger & Mazda B-series Pick-ups Automotive Repair Manual** Eric Jorgensen, Alan Ahlstrand, John Harold Haynes, 2000     **Haynes Mazda B-Series Pick-Ups Owners Workshop Manual, No. 267** Mike Stubblefield, John Harold Haynes, 1990     *Ford Ranger and Mazda (B-Series) Pick-Ups Automotive Repair Manual* Eric Jorgensen, Alan Ahlstrand, J. H. Haynes, 2005-05 Complete coverage for your Ford Ranger and Mazda Pick up covering all Ford Ranger models for 1993 thru 2005 and Mazda B2300 B2500 B3000 B4000 for 1994 thru 2005 Routine Maintenance Tune up procedures Engine repair Cooling and heating Air Conditioning Fuel and exhaust Emissions control Ignition Brakes Suspension and steering Electrical systems Wiring diagrams     **1998 Mazda B-series Workshop Manual** Mazda Motor Corporation, 1997     **Ford Ranger and Mazda B-Series Pick-Ups Automotive Repair Manual** Eric Jorgensen, Alan Ahlstrand, John Harold Haynes, 2000-06-30 Ford Ranger Pick Ups 1993 99 Repair Manual Haynes Sftbd 8 1 4x 1 3 4 319 pgs 766 b w ill     **battery service manual** , 1920     **VW Polo Petrol & Diesel Service & Repair Manual** R. M. Jex, 2007 Hatchback including special limited editions Does NOT cover features specific to Dune models or facelifted Polo range introduced June 2005 Petrol 1 2 litre 1198cc 3 cyl 1 4 litre 1390cc non FSI 4 cyl Does NOT cover 1 4 litre FSI engines Diesel 1 4 litre 1422cc 3 cyl 1 9 litre 1896cc 4 cyl inc PD TDI turbo     Ford Ranger & Mazda B-series Pick-ups Automotive Repair Manual Eric Jorgensen, Alan Ahlstrand, John Harold Haynes, 2005 Models covered all Ford Ranger models 1993 through 2005 all Mazda B2300 B2500 B3000 and B4000 pick ups 1994 through 2005     **Gale's Auto Sourcebook** , 1992 Guide to information on cars and light trucks     American Book Publishing Record , 2001     Exploring Osaka David M. Dunfield, 1993 A comprehensive English language guide to the city of Osaka for business travellers and tourists alike Second only to Tokyo as a banking and trade centre of Japan Osaka is a centre of tradition and culture as well the home of bunraku puppet theatre for example and is minutes by rail from Japan s ancient capitals of Kyoto and Nara A variety of suggested sightseeing itineraries are included as well as recommended museums restaurants and hotels a list of festival dates and sources of additional information     **Service Manual of Starting Lighting Ignition** Samuel Payne Reed, 1919     Books in Print , 1993-09 V 1 Authors A D v 2 Authors E K v 3 Authors L R v 4 S Z v 5 Titles A D v 6 Titles E K v 7 Titles L Q v 8 Titles R Z v 9 Out of print out of stock indefinitely v 10 Publishers     **Cumulated Index to the Books** , 1999     **Lemon-Aid Used Cars and Trucks 2012-2013** Phil Edmonston, 2012-05-19 Lemon Aid guides steer the confused and anxious buyer through the economic meltdown unlike any other car and truck books on the market U S automakers are suddenly awash in profits and South Koreans and Europeans have gained market shares while Honda Nissan and Toyota have curtailed production following the 2011 tsunami in Japan Shortages of Japanese new cars and supplier disruptions will likely push used car prices through the roof well into 2012 so what should a savvy buyer do The all new Lemon Aid Used Cars and Trucks 2012 2013 has the answers including More vehicles rated with some redesigned models that don t perform as well as previous iterations downrated

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