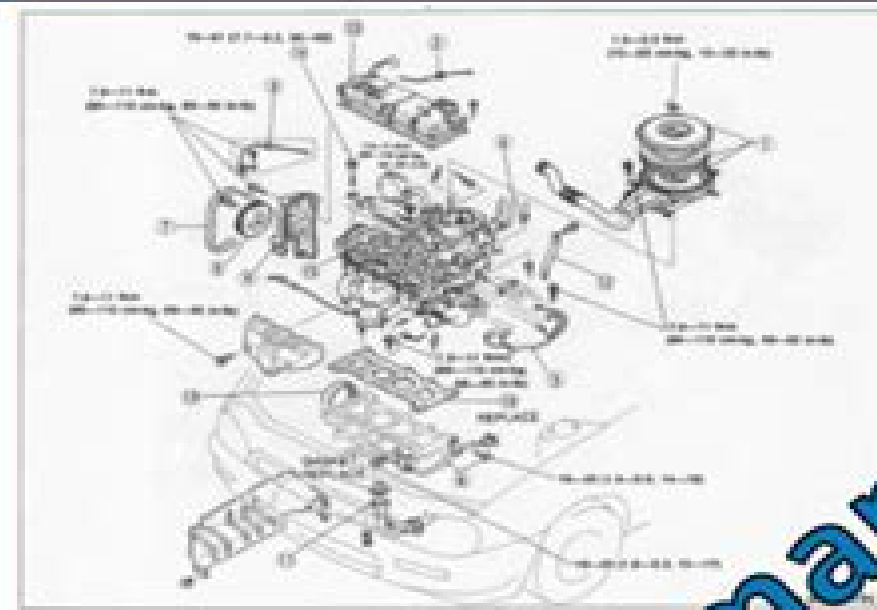
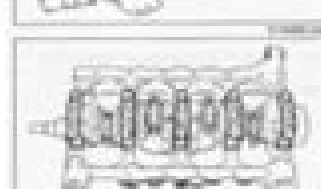


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1. Air cleaner assembly	10. Timing belt
2. Accelerator cable	11. Front softener
3. Throttle cable	12. Intake manifold
4. Hoses	13. Caliper
5. Hoses	14. Caliper
6. Water system pipe nuts and bolts	15. Water pump
7. Alternator drive belt	16. Water pump pulley
8. Water pump pulley	17. Timing belt cover, upper
9. Timing belt cover, upper	18. Timing belt cover, lower

CYLINDER BLOCK (EXTERNAL PARTS) Torque Specifications



- Before installing the oil pan, check the clearance as follows:
 - Oil clearance inspection:
 - (a) Remove all foreign matter from the oil pan.
 - (b) Measure the clearance between the oil pan and the crankshaft.
 - (c) The clearance must be 0.10-0.15 mm (0.0039-0.0059 in.).
 - Caution:
 - Do not rotate the crankshaft.
 - Position the oil pan and the gaskets in the oil pan.
 - Install the lower main bearings and the main bearing caps according to the cap number and "I" mark.
 - Tighten the main bearing cap bolts in two or three steps in the order shown in the figure.
- Tightening torque:**
54-59 Nm (5.0-6.2 m.kg, 40-43 ft.lbs)
- Remove the main bearing caps, and measure the Plastigage at each journal at the widest point for the smallest clearance and at the narrowest point for the largest clearance.
 - If the oil clearance exceeds specification, grind the crankshaft and use vibration main bearings. (Refer to page 9-56.)
- Oil clearance:** 0.015-0.020mm (0.0007-0.0014 in.)
Maximum: 0.10mm (0.004 in.)
- Apply a liberal amount of clean engine oil to the main bearings, thrust bearings, and main journals.
 - Install the crankshaft and the main bearing caps according to the cap number and "I" mark.
 - Tighten the main bearing cap bolts in two or three steps in the order shown in the figure.
- Tightening torque:**
54-59 Nm (5.0-6.2 m.kg, 40-43 ft.lbs)



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Mark Ryan, John Harold Haynes



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Subject Guide to Books in Print ,2001 Mazda 121 Workshop Manual ,1990 **Mazda 121 Workshop Manual Supplement** Mazda Motor Corporation,1993 **Whitaker's Books in Print** ,1998 *Ford Festiva & Mazda 121 Automotive Repair Manual* Jeff Kibler,John Harold Haynes,1997-01-01 Ford Festiva Series WA WB WD 91 97 Mazda 121 87 90 Front wheel drive models 1 3L 1 5L engines **Mazda 121 (2000) Workshop Manual** ,1977 **Mazda 121. RX-5 Workshop Manual** ,1975 **Autocar** ,1997 **Ford Festiva & Mazda 121 Automotive Repair Manual** ,1997
Engine Workshop Manual B5-SOHC. ,1996 1 498 litre engine for Mazda 121 and Mazda 121 Metro 1994 onwards
Mazda 929 (121) Workshop Manual ,1976 **Mazda Pick-up, B1600, B1800, B2000, 1972 Thru 1982, 96.8 Cu in (1.6 Liter), 108 Cu in (1.8 Liter), 120.2 Cu in (2.0 Liter) Owners Workshop Manual** John Harold Haynes,Peter Ward,1982 *Mazda MX-5 Miata, 1990 Thru 1997* Alan Ahlstrand,John Harold Haynes,1998 There is a Haynes manual for most popular domestic and import cars trucks and motorcycles By conducting complete tear downs and rebuilds the Haynes staff has discovered all the problems owners will find in rebuilding or repairing their vehicle Documenting the process in hundreds of illustrations and dear step by step instructions makes every expert tip easy to follow From simple maintenance to trouble shooting and complete engine rebuilds it s easy with Haynes Mazda 323 & Protegé Automotive Repair Manual Louis LeDoux,John Harold Haynes,1997 Mazda 323 ProtegéT 1990 97 Shop ManualHaynes34 pgs 729 b w ill *Mazda Mx-5 Owners Workshop Manual* Martynnn Randall,2017 *Mazda MX-5 Miata 1.8 Enthusiast s Workshop Manual* Rod Grainger,2017-08-15 Mazda MX 5 Miata 1 8 Enthusiast s Workshop Manual is a phenomenally detailed book which covers the car from bumper to bumper Every detail of important repair and maintenance jobs is covered The book covers all Mk1 cars with pop up headlights 1 8 litre models from 1994 to 1998 It is the only aftermarket workshop manual available for the MX 5 and it s written in an easy to use friendly style Step by step procedures are supported by hundreds of photos and illustrations covering all aspects of maintenance and repair The instructions apply equally to Eunos Roadster Japanese market model and Mazda Miata US market model *Mazda Bongo Friendee Service Manual* JPNZ (Firm),2006 *Mazda MX-5 Miata 1.6 Enthusiast s Workshop Manual* Rod Grainger,2017-08-15 With open topped styling and performance evocative of the classic sportscars of the 1960s the Mazda MX 5 Eunos had to be a huge international success and that s exactly what it s become Now a familiar sight on the streets and boulevards of the world the MX 5 is owned by real enthusiasts the kind of people who will want to have hands on involvement with the maintenance and repair of their prized possession For those enthusiasts here is what we believe to be the best easiest to use workshop manual in the world Author Rod Grainger set out to create a new kind of owner s workshop manual friendly easy to understand easy to use and yet more detailed than any other manual currently available two years later the Mazda MX 5 Miata 1 6 Enthusiast s Workshop Manual was the result Rod and fellow enthusiasts Pete and Judith stripped down an MX 5 in an ordinary domestic garage using

ordinary tools and in the process took over 1 500 step by step photographs The result of all this work is a superbly detailed text which passes on to the reader every detail of important jobs including how problems can be overcome without resorting to special tools This manual even tells the reader the size of nuts and bolts so they can start work with the right tools and all clearances and torque values are given in the text as the reader needs them At paragraph level a unique symbol system provides cross references or tells the reader that there are helpful associated photos drawings and tables The dreaded words reassembly is a reversal of the dismantling procedure are banned and every task from changing a bulb to rebuilding the gearbox is described in full Besides detailed coverage of maintenance and repairs this manual includes advice on rustproofing cosmetic tuning and mechanical tuning Rod s manual was prepared with the assistance of Mazda and it applies to all 1 6 litre models built between 1989 and 1995 Most of the manual is relevant to later 1 6 litre models too **Mazda**
MPV Automotive Repair Manual Mark Ryan, John Harold Haynes, 1993 *Mazda Pick-up Owners Workshop Manual* J. H. Haynes, 1976

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