

# Nissan Pulsar 1990-1995 Workshop Manual

## Assembly (Cont'd)

2. Assemble connecting rod into crankshaft and clip.
  - Standard: 0.005 - 0.006 mm (0.0002 - 0.0003 in)
  - Limit: 0.01 mm (0.0004 in)
  - If beyond the limit, replace crank bearing with a new one.

3. Mount connecting rod bearings in connecting rod and crankshaft and clip.
  - Standard: 0.01 mm (0.0004 in) clearance on each side is required.
  - Mount bearings on crank side in connecting rod clips and on both sides of bearing.

4. Mount pistons with connecting rods.
  - Mount piston with connecting rod pin on both sides.
  - Be careful not to scratch cylinder wall by connecting rod.
  - Arrange so that both ends of piston face towards both sides of engine.

5. Tighten connecting rod bolts.
  - 1. Tighten connecting rod bolts to specified torque.
  - 2. Reassemble connecting rod cap and integrate with crankshaft.
  - 3. Tighten connecting rod bolts to 40 N·m (29 lb-ft) torque. Distribute with 10° intervals. If not enough torque is set, repeat operation until set to 40 N·m (29 lb-ft) torque.

6. Assemble connecting rod with connecting rod bearings and clip.
  - Standard: 0.005 - 0.006 mm (0.0002 - 0.0003 in)
  - Limit: 0.01 mm (0.0004 in)
  - If beyond the limit, replace connecting rod with a new one.

CRANKSH



1. Crankshaft
2. Crank pin
3. Crank pin bearing
4. Crank pin

5. Connecting rod
6. Connecting rod pin
7. Connecting rod pin bearing
8. Connecting rod pin

9. Oil seal
10. Oil seal lip
11. Oil seal lip
12. Oil seal lip

# **Nissan Pulsar Hatchback 1989 Workshop Manual**

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## **Nissan Pulsar Hatchback 1989 Workshop Manual:**

**Haynes General Motors J-Cars Owners Workshop Manuals, No. 766** John Harold Haynes, Larry Warren, 1988-06  
**Nissan Pulsar Owners Workshop Manual** A. K. Legg, 1987     Gale's Auto Sourcebook, 1992 Guide to information on cars and light trucks     *Chilton Book Company Repair Manual*, 1989 Chilton's original line of model specific information covers older vehicles Each manual offers repair and tune up guidance designed for the weekend for the weekend mechanic covering basic maintenance and troubleshooting For the hobbyist or used car owner this information is essential and unavailable elsewhere All books are paperback     Gale's Auto Sourcebook 2 Karen Hill, 1992-05 This book is designed to present in one convenient source comments published in periodicals about 325 automobile models manufactured since 1987 on a model by model basis These periodicals range from general interest to specialized sources as well as repair manuals and other publications related to the individual models     Nissan Pulsar Automotive Repair Manual Pete Gill, John Harold Haynes, 2012-01-01 Series N16 4 cylinder with 1 6L 1 8L petrol     **Nissan Pulsar Owners Workshop Manual** A. K. Legg, 1987 Haynes offers the best coverage for cars trucks vans SUVs and motorcycles on the market today Each manual contains easy to follow step by step instructions linked to hundreds of photographs and illustrations Included in every manual troubleshooting section to help identify specific problems tips that give valuable short cuts to make the job easier and eliminate the need for special tools notes cautions and warnings for the home mechanic color spark plug diagnosis and an easy to use index     **Automotive Body Repair & Painting Manual** John Haynes, 1989-10-15 This is a complete do it yourself guide What you can learn Full color sections on minor repairs and painting Damage repair Painting Rust Repair Additional detailed information includes Rustproofing and undercoating Tools and equipment Repair of minor dents and rust damage Metal working techniques Major rust repair Body component replacement Sanding and painting Car care and detailing Welding Table of Contents Chapter 1 Introduction Chapter 2 Maintaining and preserving the paint body and interior Chapter 3 Damage repair Doing it yourself or having it done Chapter 4 Tools and working facilities Chapter 5 Minor body repairs Chapter 6 Major body repair Chapter 7 Body component replacement Chapter 8 Preparation for painting Chapter 9 Painting Chapter 10 Doors and glass Chapter 11 Trim and accessories Chapter 12 Welding     *Nissan Pulsar Automotive Repair Manual* John S. Mead, 2006-01-01 Pulsar N15 Series models with 1 6L petrol engines Does NOT cover 2 0L SSS or diesel models or N16 Series introduced July 2000     Pulsar NX 1989, 1988     Autocar & Motor, 1994-05     *Nissan Pulsar NX 1989 Supplemental Restraint System "air Bag" Supplement Service Manual* Nissan Jidōsha Kabushiki Kaisha, 1989  
    **Nissan Pulsar Automotive Repair Manual** A. K. Legg, 1987     **Chilton's Nissan Sentra, Pulsar, 1982-92 Repair Manual** Chilton Automotive Books, 1992 Covers all U S and Canadian models of Nissan Sentra and Pulsar     **Autocar**, 2000  
    **Nissan Pulsar NX/EXA Model N13 Series**, 1986     Nissan Pulsar NX Automobile Nissan Jidōsha Kabushiki Kaisha, 1983     **Nissan Pulsar and Holden Astra Automotive Repair Manual** Steve Rendle, 1997-01-01 Pulsar Series

N13 87 91 Astra Series LD 87 89 1 6L 1 8L engines      Nissan Pulsar and Holden Astra Service and Repair Manual P. G. Strasman,1997-01-01 Pulsar Series N12 82 87 Astra Series LB LC 84 86 1 3L 1 5L 1 6L engines      *Nissan Sentra and Pulsar Total Repair Manual: Complete Step-by-Step Guide for Cars from 1982 to 1992* Pasquale De Marco,2025-04-16 Welcome to the ultimate guide to Nissan Sentra and Pulsar vehicles the Nissan Sentra and Pulsar Total Repair Manual This comprehensive manual is your go to resource for everything related to these iconic vehicles whether you re a professional mechanic a car enthusiast or a savvy car owner With this guide in hand you ll embark on a journey of understanding and mastery over your Nissan Sentra or Pulsar Dive into the depths of its engine transmission drivetrain steering suspension brakes tires electrical system body interior HVAC and safety systems We ve got you covered from basic maintenance to advanced troubleshooting and repairs Our team of expert mechanics has meticulously crafted this manual to provide you with step by step instructions detailed illustrations and expert troubleshooting advice We ve left no stone unturned ensuring that you have everything you need to keep your Nissan Sentra or Pulsar running smoothly and efficiently Gone are the days of expensive repair bills and the frustration of not knowing how to tackle car problems With the Nissan Sentra and Pulsar Total Repair Manual you ll become a confident and capable car owner equipped with the knowledge and skills to handle any repair or maintenance challenge that comes your way But that s not all This manual is more than just a repair guide it s a gateway to a deeper understanding of your Nissan Sentra or Pulsar Learn about its history different models and trim levels common problems and essential maintenance tips With this knowledge you ll be able to make informed decisions about your vehicle and keep it in top condition for years to come So whether you re a seasoned mechanic looking to expand your expertise or a car enthusiast eager to learn more about your Nissan Sentra or Pulsar this manual is your perfect companion Embrace the satisfaction of knowing that you can maintain and repair your vehicle like a true professional Get your copy of the Nissan Sentra and Pulsar Total Repair Manual today and unlock the secrets of these remarkable vehicles If you like this book write a review on google books

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