

Nissan X-Trail 2000-2007 Workshop Manual

TIMING CHAIN

Removal and Installation

SEC. 110-112-130-135-138



- | | |
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REMOVAL

1. Remove the following parts:

REF. 132

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Rotate crankshaft pulley clockwise and align TOC mark to timing indicator on front cover.

At the same time, check the timing marks on crankshaft sprocket and timing chain.

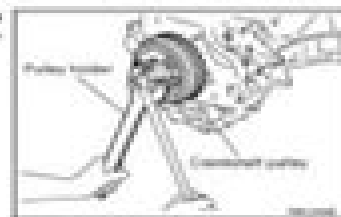
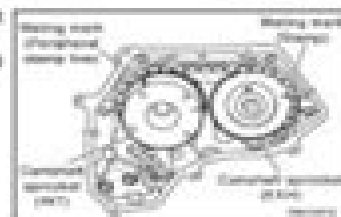
- If not, rotate crankshaft pulley one more turn to align timing marks to the timing chain.

Remove crankshaft pulley with the following procedure:

Fix crankshaft pulley with a pulley holder (commercial service tool), loosen crankshaft pulley bolt, and locate bolt seating surface at 10 mm (0.39 in.) from its original position.

Attach a pulley puller (special service tool) in the M10 thread hole on crankshaft pulley, and remove crankshaft pulley.

Remove front cover with the following procedure:



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Léo Pomar



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Autocar, 2005 **Nissan Owners Workshop Manual** P. G. Strasman, 1991 Nissan Owners Workshop Manual Peter G. Strasman, 1986 *Nissan Owners Workshop Manual* P. G. Strasman, John Harold Haynes, 1988 *Nissan Cherry Owners Workshop Manual* A. K. Legg, 1987 **Nissan Sunny Owners Workshop Manual** Ian Coomber, 1991 **Nissan Stanza Owners Workshop Manual** Peter G. Strasman, 1986 *Nissan Frontier & Xterra 2005-11 Repair Manual* Jay Storer, Chilton, 2012 Covers all U S and Canadian models of Nissan Frontier and Xterra two and four wheel drive *Nissan Pick-ups* Rik Paul, Ken Freund, John Harold Haynes, 1991 **Nissan Note** Peter T. Gill, 2018 **Nissan Pick-ups Owners Workshop Manual** Rik Paul, Ken Freund, John Harold Haynes, 1988 *Nissan Stanza Owners Workshop Manual* P. G. Strasman, 1986 *Nissan/Datsun Stanza* P. G. Strasman, John Harold Haynes, 1989 **NISSAN QASHQAI (FEB '14-'19).** PETER. GILL, 2020 Nissan Pick-ups (98-01), Xterra (00-01) & Pathfinder (96-01) Automotive Repair Manual Jeff Kibler, John Harold Haynes, 2001 Whether the reader has simple maintenance or a complete engine rebuild in mind he or she can rest assured that there s a Haynes manual for just above every popular domestic and import car truck and motorcycle By conducting complete tear downs and rebuilds the staff at Haynes Publishing has discovered all the problems owners will find when repairing or rebuilding their vehicles By documenting each process with hundreds of illustrations and step by step instructions that show the exact order of assembly Haynes manuals make every step easy to follow **Nissan Navara and Pathfinder Automotive Repair Manual** Jeff Killingsworth, John Harold Haynes, 2006-01-01 Navara D21 Pathfinder with 2 0L 2 4L 3 0L petrol engines 2WD 4WD Does not include diesel engine information 1850, □□□□ □□□□ **Nissan Frontier & Xterra 2005 thru 2014** John H Haynes, 2016-10-15 Complete coverage for your Nissan Frontier and Xterra covering all models from 2005 thru 2014 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 With a Haynes manual you can do it yourself from simple maintenance to basic repairs Haynes writes every book based on a complete teardown of the vehicle We learn the best ways to do a job and that makes it quicker easier and cheaper for you Our books have clear instructions and hundreds of photographs that show each step Whether you re a beginner or a pro you can save big with Haynes Step by step procedures Easy to follow photos Complete troubleshooting section Valuable short cuts Color spark plug diagnosis What s covered Nissan Frontier Xterra 2005 2014 for two four wheel drive Haynes Repair Manual Nissan Bluebird Owners Workshop Manual A. K. Legg, 1986 **Nissan 300 ZX Owners Workshop Manual** Homer Eubanks, John Harold Haynes, 1986

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