NISSAN Learning Academy

ZD30DDTi CRD Engine Nesen Australia July 2008

ENGINE MECHANICAL - EM

ZD30DDTi Exhaust Manifold, Turbo & Catalyst

The Exhaust Manifold system is similar to that fitted to the previous ZD engine on Y61.

A VNT type Turbo Charger unit continues to be utilised.

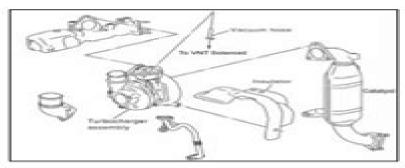
Special attention should be paid to section EM of the Service Manual regarding any work involved with the components shown right.

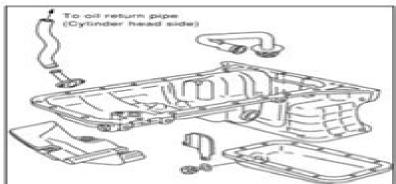
Please ensure that the Engine Oil level is NOT overfull when diagnosing a complaint of Oil Leakage from the Turbo Unit.

ZD30DDTi Oil Pan

The Oil Pan design is very much the same as that installed on the previous ZD Engine.

Further information regarding the components shown right can be found in sections EM of the Service Manual.



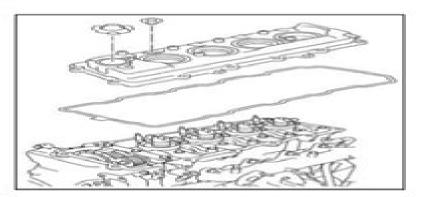


ZD30DDTi Rocker Cover

The Rocker Cover is now made from a resin material and the design has changed to allow the fitment of the new type of Injectors.

The injectors are electrically controlled & the wiring connectors protrude through the top of the Rocker Cover in a similar manner to the Injectors on the YD25 Engine.

Further information regarding the components shown right can be found in sections EM of the Service Manual.



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WJ Hussar

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Patrol, GU Series, ZD30 Turbo Diesel Engine Les Garam, Jonathan Eagleton, 2002 *Nissan Engine, Model P Nissan* Jidōsha Kabushiki Kaisha, 196? Covers the engine used in the 60 series automobiles **How to Modify Your Nissan and Datsun OHC Engine** Frank Honsowetz, 2004-04-29 Coax more power from your engine This guide tells you how to choose L series engine parts and prepare and assemble them for optimum power and durability Filled with L series mods for road drag and off road racing improved street performance plus complete mods to crankshaft pistons cylinder heads electrics carburetion exhaust and more Covers 51 61 71 2SX 24Z 26Z 28Z 28ZX and pick up truck engines Includes parts interchange Engine Service Manual Nissan Diesel Motor Co Ltd,1988 Nissan Nissan (Tokyo),1986 Service Manual Model L23 Engine Motor Co. Ltd Nissan, 1975 Nissan Model SD Series Diesel Engine SD22, SD23, SD25 and SD33 Nissan Motor Co., Ltd,1983 Service Manual Motor Co. Ltd Nissan, 1979 Nissan Patrol MQ Series 1980-1987 Universal Publishers, 1987-07-01 Service Manual ,1969* Covers the engines used in some Bluebirds 510s 610s and 710s

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