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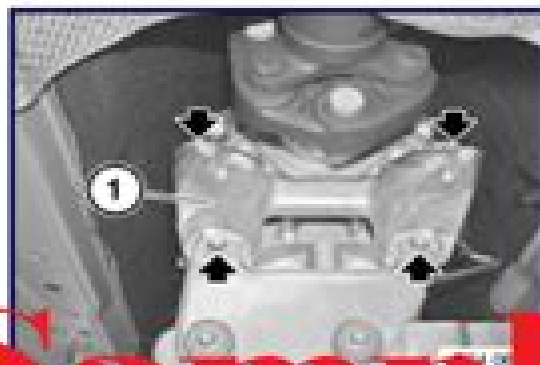
- Release centre mount.

- Tie propeller shaft to one side.

Tasks are described in Removing [propeller shaft](#).

Note:

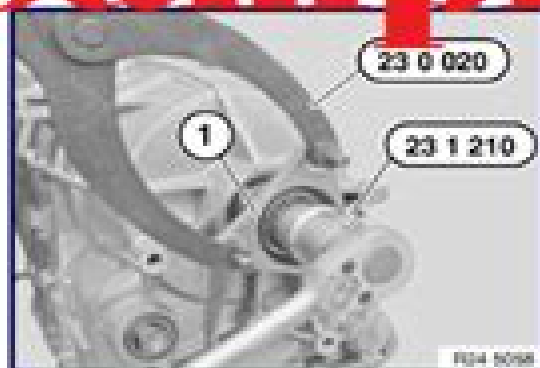
To rotate propeller shaft, unlock parking lock.



Release screws.

Remove transmission bearing block (1).

Tightening torque [24.71.6A2](#).



Grip output flange (1) with special tool [23.0.020](#).

Release nut with special tool [23.1.210](#).

Tightening torque: [24.13.3A2](#).

Installation note:

Clean the output shaft thread of the screw locking.

Replacing the nut is **absolutely necessary**.

From 01/11, the thread of the new nut is equipped with a screw locking.

Do not use nuts without screw locking.

Replace nut and secure with a mandrel (8 mm) by caulking.

Before starting up the vehicle, the screw locking must harden for 60 min.

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clarity and completeness with practical explanations step by step procedures and accurate specifications Whether you are a professional or a do it yourself BMW owner this manual will help you understand care for and repair your E39 5 Series Though the do it yourself BMW owner will find this manual indispensable as a source of detailed maintenance and repair information the BMW owner who has no intention of working on his or her car will find that reading and owning this manual will make it possible to discuss repairs more intelligently with a professional technician

BMW Automotive Repair Manual 1992-1998 John Haynes, 2000-05-30 Haynes Includes Z3 models

BMW 4 Series (F32, F33, F36) Service Manual Robert Bentley, 2017-01-11 The BMW 4 Series Service Manual 2014 2016 contains in depth maintenance service and repair information for the BMW 4 Series from 2014 to 2016 The aim throughout has been simplicity and clarity with practical explanations step by step procedures and accurate specifications Whether you are a professional or a do it yourself BMW owner this manual helps you understand care for and repair your 4 Series The do it yourself BMW owner will find this manual indispensable as a source of detailed maintenance and repair information Even if you have no intention of working on your vehicle you will find that reading and owning this manual makes it possible to discuss repairs more intelligently with a professional technician Features Maintenance procedures from changing the cabin microfilter to replacing and registering a new battery This manual tells you what to do and how and when to do it Front to rear fluid and lubricant service including xDrive transfer case fluid and ATF Cylinder head cover gasket and crankshaft seal replacement Cooling system thermostat and radiator service Gasoline fuel and ignition system diagrams and explanations for turbo valvetronic direct injection TVDI engines Service and repair information on BMW EfficientDynamics technology such as Valvetronic xDrive TwinPower turbo and DSC dynamic stability control Twin scroll gasoline turbocharger replacement for 4 and 6 cylinder engines Step by step variable camshaft timing VANOS service Suspension repairs including wheel bearing replacement Brakes steering and ABS troubleshooting and repair Heating and air conditioning repair including A C component replacement Body and lid repairs and adjustments including Gran Coupe tailgate and rear doors Retractable hardtop service including electrical mechanical and hydraulic component operation locations and replacement Electrical system service with an easy to use illustrated component locator section Comprehensive wiring schematics including fuses and grounds BMW OBD II diagnostic trouble codes SAE defined OBD II P codes as well as basic scan tool operation BMW factory tolerances wear limits adjustments and tightening torques Engines N20 engine 428i including xDrive N26 SULEV engine 428i including xDrive N55 engine 435i including xDrive Manual transmissions GS6 17BG 4 cylinder models GS6 45BZ 6 cylinder models RWD GS6X 45BZ 6 cylinder models with xDrive Automatic transmissions ZF 8HP45Z

B. M. W.3 Series Service and Repair Manual Peter G. Strasman, 1995

BMW 3 and 5 John Haynes, 1994-02-27 Haynes disassembles every subject vehicle and documents every step with thorough instructions and clear photos Haynes repair manuals are used by the pros but written for the do it yourselfer

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102 9 million m³ of sawn wood were produced in the eu in 2015 close to two thirds of which came from the five largest producing eu member states germany 20 9 sweden 17 7 finland 10 3

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