

BMW Z3 1996-2002 Workshop Manual

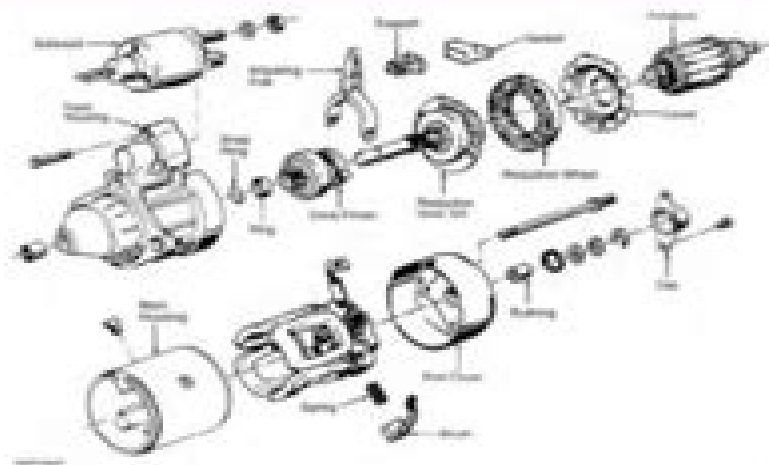
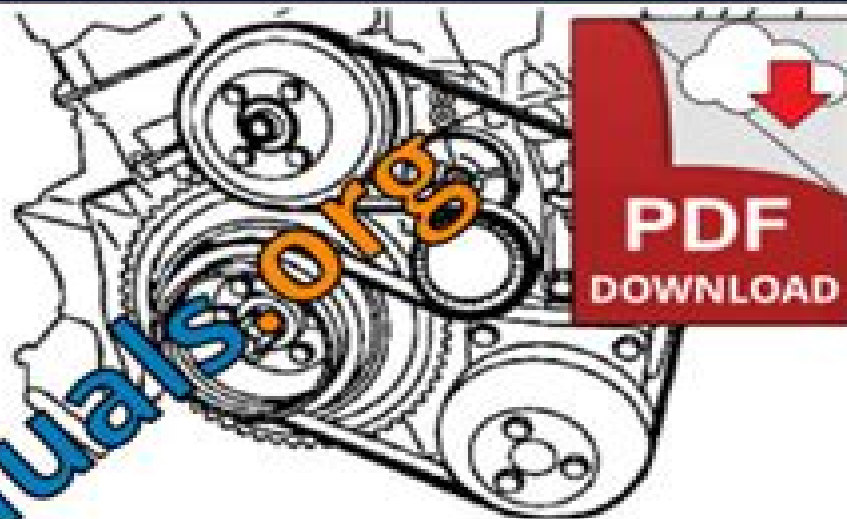


Fig. 2. Exploded View Of Bosch Reduction Gear Starter (Typical)
Courtesy of BMW OF NORTH AMERICA, INC.



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STARTER SPECIFICATIONS

STARTER SPECIFICATIONS

Application	Specification
Axial Amplitude Play	1-2 mm
Brush Length	11 mm (Minimum)
Operating Voltage	11.7, 12.3, 14.0V
Rated Power	
SA50, SA51, SA52	1.7 kW
SA51	2.2 kW
SA55, SA62	1.7 kW
SA55, SA59	2.2 kW
SA57	2.2 kW
SA67	2.6 kW
SA2	1.7 kW
Current Consumption At Terminal 50 (Rated Power Of 1.4 kW)	
Pull-In Winding	34.7 A
Hold-In Winding	18.3 A
Current Consumption At Terminal 50 (Rated Power Of 1.7 kW with Intermediate Transmission)	
Pull-In Winding	31 A
Hold-In Winding	16.3 A
Current Consumption At Terminal 50 (Rated Power Of 1.8 kW)	
Pull-In Winding	30 A
Hold-In Winding	15.7 A
Current Consumption At Terminal 50 (Rated Power Of 2.0 kW)	

Timing Drive Belt Running Without Auxiliary Tensioning Pulley (SA52, SA54 & SA55)
BMW OF NORTH AMERICA, INC.



1996 2002 Bmw Z3 Service And Repair Manual

RS Peters



1996 2002 Bmw Z3 Service And Repair Manual:

BMW Z3 Service Manual Bentley Publishers,2005-04-01 The BMW Z3 Service Manual 1996 2002 is a comprehensive source of service information and technical specifications available for the BMW Z3 Roadster and Coupe up through the 2002 model year New durable hardcover format This BMW manual is now being published as a durable long lasting hardcover book designed to withstand many years of use in a professional shop or home garage 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 Z3 Service Manual: 1996-2002** Bentley Publishers,2005

Bentley Publishers is proud to announce the publication of the BMW Z3 Roadster Service Manual 1996 2002 This repair manual supersedes our 1996 through 1998 BMW Z3 repair manual with four more model years of coverage and repair information for the M Coupe and M Roadster With extensive new information as well as revisions throughout this book is the comprehensive source of service information and technical specifications available for the BMW Z3 Roadster and Coupe

Bentley BMW 3 Series Service Manual 1992-1998 Bentley Publishers,1999 If you re looking for better understanding of your E36 BMW look no further See and learn how to perform routine maintenance procedures with the highest level of clarity and comprehensiveness This in depth manual provides maintenance procedures for everything from brake fluid changes to resetting the service indicator Covers M3 318i 323i 325i 328i sedan coupe and convertible models 1992 98

BMW 3-series Robert Bentley, inc,Bentley Publishers,1991 Engine coverage1 8 liter 4 cylinder B18 2 7 liter 6 cylinder B27 2 5 liter 6 cylinder B25 Transmission coverageGetrag 240 4 cylinder cars Getrag 260 6 cylinder cars *Subject Guide to Books in Print* ,2001 *BMW Z3 Roadster* ,1998 This Bentley Manual is the only comprehensive single source of service information specifications available for BMW Z3 Roadster from 1996 to 1998 The aim throughout this manual has been simplicity clarity completeness with practical explanations step by step procedures accurate specifications Whether you re a professional or a do it yourself BMW owner this manual will help you understand care for repair your Z3 Roadster

Whitaker's Books in Print ,1998 **Lemon-Aid Used Cars and Trucks 2009-2010** Phil Edmonston,2009-02-16 For the first time in one volume Phil Edmonston Canada s automotive Dr Phil covers all used vehicles packing this guide with insider tips to help the consumer make the safest and cheapest choice possible from cars and trucks of the past 25 years **BMW Buyer's Guide** Fred Larimer,2002 *Road and Track* ,2005

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tighten all bolts in order to 22 ft lbs tighten all bolts in order to 45 ft lbs retighten all bolts in order to 45 ft lbs tighten bolts 1
10 in order to 110 ft lbs tighten bolt 11 to 100 ft lbs

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terminal clamps 10mm 6 lbs ft engine drain plug 3 7l 13mm 25 lbs ft engine drain plug crd 8mm allen 25 lbs ft engine skid
15mm deep socket 45 lbs ft ignition coil mounting nut 10mm 6 lbs ft

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