

| SKU     | FitmentNote1  | FitmentNote2  |
|---------|---|---|
| M0103   | For many popular Mercedes and Toyota engines.   |   |
| M0104   | For many popular Mercedes and Toyota engines.   |   |
| M0105   | For many popular Mercedes and Toyota engines.   |   |
| M0019   | Mercedes diesel engines.  |   |
| M0102   | Mercedes engines - M115, M116, M 117  |   |
| M0050A  | Mercedes engine - OM601, OM602, OM603, OM615, OM616, OM617.   |   |
| M0050B  | Mercedes engine - M102, M103, M116.   |   |
| P206    | Porsche model 911 69-73   |   |
| BMW3041 | BMW engines - M50, M52, M52TU, M54, M56, M62.   |   |
| M0100   | Mercedes chassis - W220   |   |
| M0022   | The 8 mm is needed for R&R of fan clutch fastener Applicable M103, 104, 111, 119, 120 OM 602, 603, 605, 606<br>The 10 mm bit is for adjusting A/C belt tension and R&R of idler pulley Models 420, 560 with V-8 86> |   |
| ST 0129 | On most 4, 6 & 8cylinder Toyota / Lexus, Nissan, Mitsubishi, Mazda and Infiniti engines. Application includes Cam Shaft oil seal installation of Toyota / Lexus 2.5L,2.8L, 3.0L, 3.4L, 4.0L & 4.3L engines          |   |
| M0074   | Mercedes chassis - W124, W140, W201.  |   |
| BMW3017 | BMW M42, M50  |   |
| HO110   | Honda, Acura 4 cylinder engines; '84+. Some 4 cylinder Honda motorcycles.   | Complete HO110 assembled for the Professional Honda and Acura Technician consisting of sub-kits mentioned above, which share the same step bolt and press nut.<br>HO100 Cam Shaft Seal Installer is applicable on Honda engines 1.8L, 2.0L, 2.2L. All 4 cylinder Honda engines, '84+.<br>Also some 4 cylinder motorcycle engines.<br>HO105 Balance Shaft Oil Seal Installer is applicable on engines 2.0L and 2.2L, '90+. |
| BMW3059 | BMW engine - M62.   |   |
| BMW3040 | BMW engines - M60, M62, M62TU.T.D.C.  |   |
| BMW3043 | BMW engines - M52TU, M54, M56   |   |
| P203    | Porsche model - 911 '65-'80.  |   |
| VA6033  | VW models equipped with aVR-6 engine.   |   |

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| P202      | Porsche model - 911 '65-'80.   |   |
| 2727      | All twin or quad cam with timing belt pulley sprocket on each cam. Except Subaru   |   |
| BMW3042   | BMW engines - M52TU, M54, M56.   |   |
| P204      | Porsche model - 911, 930.  |   |
| BMW3052   | BMW Vanos M62  |   |
| BMW3047   | BMW engines - M50, M52   |   |
| M0033     | Mercedes engine - M102, M110, M114, M115, M116, M117, M130, M180, OM615, OM616, OM617.   |   |
| BMW3065   | "REAR" BMW chassis: E36, E46, E85, E86, E89  | There are application discrepancies on Z4 models due to differing vehicle generations |
| BMW3008   | BMW M10, M20, M30, M50, WITH 32MM CLUTCH NUT.  |   |
| BMW3037   | BMW Engine - M40, M41, M42, M60, M62   |   |
| HO60      | HO 60 is applicable on model - Civic, '80s+.   |   |
| HO50      | HO 50 is applicable on Honda and Acura models, '90+; with a 50 mm hex slot in crank shaft pulley/harmonic balancer.  |   |
| HO70      | HO 50 is applicable on Honda and Acura models, '90+; with a 50 mm hex slot in crank shaft pulley/harmonic balancer.<br>HO 60 is applicable on model - Civic, '80s+.  |   |
| BMW3034-1 | BMW Engine - M60, M62, M70, M73  |   |
| BMW3034-2 | BMW Engine - M20, M42, M44, M50, M52   |   |
| BMW3034-3 | BMW Engine M30   |   |
| HO115-WB  | Most Honda / Acura engines.  |   |
| M0068-1   | Mercedes 4, 6 & V8 engines with a single cam shaft.<br>EXCLUDING M102, M103 and M119   |   |
| M0071     | Mercedes model - 190E 2.3L with 16 valves.   |   |
| M0025     | Mercedes engine - M102, M103.  |   |
| P207      | Porsche model - 911, 930.  |   |
| BMW 3067  | "REAR" BMW chassis: E46, E83, E85, E86   |   |
| BMW3066   | FRONT" BMW chassis: E31, E36, E46, E83, E85, E86   |   |
| 229       | Porsche model 356, 912, 914. All VW air-cooled engines.  |   |
| M 0101    | Mercedes engines - M116, M117  |   |
| M0022-D   | The 8 mm is needed for R&R of fan clutch fastener Applicable M103, 104, 111, 119, 120<br>OM 602, 603, 605, 606<br>The 10 mm bit is for adjusting A/C belt tension and R&R of idler pulley Models 420, 560 with V-8 86> |   |
| BMW3012   | BMW M engines Excluding European models.   |   |

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| M0082   | Mercedes Chassis W202 W123, W124, W126.   |  |
| BMW3061 | BMW series -3, 5, 6, 7, 8   |  |
| P201-WR | Prosche &VW   |  |
| M 0110  | Mercedes Engine - M 112, 113, 137   |  |
| M0111   | Mercedes Engine - M 103, 104, 111, 119, 120, 136604, 605, 606, 611, 612, 613, 628   |  |
| B90-RWE | BMW, Mercedes and Porsche   |  |
| BMW3009 | BMW models 3, 5, 6, 7 '87and newer  |  |
| BMW3011 | BMW models '88 and newer  |  |
| M0077   | Mercedes E-Class '96+.  |  |
| HO50-1  | Honda and Acura models, 1990 and up   |  |
| M0002   | Mercedes engine - M110.   |  |
| P 213   | Porsche 356, 911, 912, 914-6, 930.  |  |
| BMW3051 | BMW series - 3, 5, 6, 7, 8  |  |
| 215     | All Porsche and VW 6V or 12V, air-cooled motors.  |  |
| P 233   | Porsche model - 944.  |  |
| M0024   | Mercedes V-8 engines '76+. Excluding M119.  |  |
| HO60-2  | Model - Civic, '80's+.  |  |
| 1017    | Most European Vehicles  |  |
| 313     | Designed to securely carry the full weight of an air-cooled twin turbo Boxer -6   |  |
| BMW3029 | Most BMW models<br>Most every Mercedes model  |  |
| HO50-2  | Honda and Acura models, 90+,with the above mentioned center 50mm hex slot in crank shaft pulley / harmonic balancer.  |  |
| BMW-JP  | BMW 3 series from 1992 through 1998.  |  |
| NIS501  | for Nissan engines.   |  |
| M0040   | Mercedes engine - M103.   |  |
| M0062   | Mercedes chassis - W124, W129, W140   |  |
| M0009   | Mercedes engine - OM601, OM602, OM603, OM604  |  |
| M0087   | Mercedes Chassis - W 124, W 129, W 201, W 202, W 140.   |  |
| M0085   | Mercedes Chassis - W 124, W 129, W 140, W 201, W 202, W 210.  |  |
| ST9015  | 1.) Updated application key kit for Mercedes & all Porsche 996 andBoxster equipped with Becker radios.2.) Updated key combo for all Audi & VW radios up to 2006, moreover,models equipped with four horizontal (Audi) or two vertical slots (NewBeetle, Jetta, etc.).3.) Five sided "pentagon" driver for most every BMW model, excludingE38 & E39 models.4.) Special |  |

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|            | Allen key for BMW E38 and E 39 models.5.)<br>Standard "barbed hooks" (like U-Hooks) for<br>Ford, Chevy, Saab, LandRover, etc  |  |
| M0093      | Mercedes, BMW, VW, Audi, Porsche.   |  |
| BMW3020    | BMW gearbox G242/262, G240/260  |  |
| M0098      | Mercedes chassis - W210   |  |
| M0099      | Mercedes chassis - W202, W170   |  |
| M0059      | Chassis -W124, W126, W201   |  |
| M0027      | Mercedes chassis - W107, W114, W115,<br>W116, W123, W126. Models with constant<br>velocity joint axles.   |  |
| M0028      | Mercedes Transmission - G76/18, G76/18A,<br>G76/18C, G76/27, G76/27A, G76/27-5.   |  |
| M0030      | Mercedes swing axle types.  |  |
| M0078      | All Mercedes Models   |  |
| BMW3034    | BMW Engine - M60, M62, M70, M73; M20,<br>M42, M44, M50, M52; M30; Chassis - E30.  |  |
| B90-P1     | 911, '73-; 912; 914; C4 (front wheel bearing<br>only) '89+  |  |
| B90-P2     | 911 (non-Turbo) '74+; 924 & 944, '85+; 968;<br>Boxster.   |  |
| B90-P3     | 911 (Turbo) '90+; 928   |  |
| 2040       | Applicable all VW / Audi with DIN chassis<br>Radio Mount<br>Also late model Fords with DIN  |  |
| M0091      | Mercedes Chassis - W 129, W 140, W 202, W<br>210, '92+.   |  |
| BMW3022    | BMW models equipped with an antitheft<br>radio mount.   |  |
| M0022-C    | The 8 mm is needed for R&R of fan clutch<br>fastener Applicable M103, 104, 111, 119, 120<br>OM 602, 603, 605, 606<br>The 10 mm bit is for adjusting A/C belt<br>tension and R&R of idler pulley Models 420,<br>560 with V-8 86> |  |
| M0022-A    | The 8 mm is needed for R&R of fan clutch<br>fastener Applicable M103, 104, 111, 119, 120<br>OM 602, 603, 605, 606<br>The 10 mm bit is for adjusting A/C belt<br>tension and R&R of idler pulley Models 420,<br>560 with V-8 86> |  |
| M0022-B    | The 8 mm is needed for R&R of fan clutch<br>fastener Applicable M103, 104, 111, 119, 120<br>OM 602, 603, 605, 606<br>The 10 mm bit is for adjusting A/C belt<br>tension and R&R of idler pulley Models 420,<br>560 with V-8 86> |  |
| M0098-1    | Mercedes chassis - W210   |  |
| SIRM0099-1 | Mercedes chassis - W202, W170   |  |

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| M0001-A    | Mercedes models  |  |
| P 213-B    | Porsche model - 911  |  |
| M0098-2    | Mercedes chassis - W210  |  |
| BMW3046    | BMW engines - M52, M52TU, M54, M56   |  |
| BMW3056    | BMW REAR AXLE E46 and Z4 E85   |  |
| M0003      | Mercedes engine - M104, M103 3/'89+.   |  |
| M0004      | Mercedes engine - M103 2/'89-.   |  |
| M0083      | Mercedes Engine M111, M119   |  |
| M0094      | Newer Mercedes V-6 engines   |  |
| M0039      | Mercedes engine - OM601, OM602, OM603, OM605, OM606, OM617.  |  |
| BMW3036    | All BMW models '86 and newer.  |  |
| M0010      | Mercedes model - 190.  |  |
| BMW 21X22T | BMW models   | The 22 mm "Box End" is machined down even further to just under 2 mm. This is done in order to access the narrow space behind which the thrustbushing nut is situated on 5 and 7 series from 1988 thru 1996. The 21 mm "Box End" of this wrench is applicable to 5 series, 1996+ and 7 series 1995+. This tool excludes any application for M5 series. |
| 4491-B     | Most European Models.  |  |
| M0036      | Mercedes steering - LS90.  |  |
| VA6035     | Lower strut assemblies of European, Asian and Domestic vehicles equipped with the above described suspension configuration.                            |  |
| VA6034     | Lower strut assemblies of European, Asian and Domestic vehicles equipped with the above described suspension configuration.                            |  |
| M0106      | Mercedes chassis - W220  |  |
| BMW3068    | BMW X5   |  |
| BMW 3045   | BMW chassis - E39; X5 & newer 5 series models.   |  |
| 1032X36T   | The 32 mm is needed for proper R and R of tie rods Model 911 Turbo, 89 -76. The 36 mm is needed for proper adjustment of rear ride height 911 , 89-77' |  |
| M0007      | Mercedes engine - OM615, OM616, OM617.   |  |
| 266H       | Most VW - Audi & Late Porsche models<br>Some Mercedes models   |  |
| 1014       | Most VW - Audi & Late Porsche models.<br>Most Mercedes.  |  |
| BMW3054    | BMW engine - M62   |  |
| VA6045     | Designed for the critical task of aligning and/or installing both the driver and   |  |

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|         | passenger doors by way of the door hinge bolts on some VW vehicles<br>It performs double duty for R&R of the securing bolt on timing belt pretension found on Golf III & Audi 80 |   |
| M 0120  | On most newer popular Mercedes engines.  |   |
| 0229    | Most newer Porsche, Audi and VW models   |   |
| BMW3025 | All BMW  |   |
| M0112   | DaimlerChrysler Trans. - 722.6   |   |
| M0113   | DaimlerChrysler Trans. - 716.5, 722.7  |   |
| M0045   | Mercedes chassis - W123, W124, W126  |   |
| BMW3044 | BMW engines - M50, M52, S50US, S52US.  |   |
| M0080   | Applicable: Newer S Class.   |   |
| BMW3013 | BMW engine - M10, M20, M30.  |   |
| M0052   | Mercedes engine - M102.  |   |
| M0058   | Mercedes V-8 engines.  |   |
| BMW3058 | BMW engines - M54, M 62.   |   |
| M0068   | Mercedes 4, 6 & V8 engines with a single cam shaft.<br>EXCLUDING M102, M103 and M119   |   |
| M0069   | Mercedes engine - M102, M103   |   |
| M0043   | Mercedes engine - M110, M114, M115, M116, M117, M130, M180, OM615, OM616.  |   |
| BMW3062 | BMW engine - M 62  |   |
| B 90-VA | VW (Liquid Cooled) - Audi models from the early 70s to present with S.R.W.B. and I.F.S., including A.W.D.  |   |
| B90-BMW | BMW for most every 3, 5, 6, 7 and 8 series models from the early '80's to present with S.R.W.B. and I.R.S., including A.W.D  |   |
| B90-M   | All W 124, 129, 201, & 202 chassis models with S.R.W.B and I.R.S.  |   |
| B90P    | For 911, 912, 914, 924, 928, 944, 968 and Boxster models with S.R.W.B. and I.R.S.<br>Excluding the Hubs of 914's.  | To extract the Hub without using a slide hammer on Porsche models (excluding 356 or 914) part's B 90-3 along with B 90-3J are needed.<br>Detailed instructions of the procedure is included |
| B90-1   | VW (Liquid Cooled) - Audi models from the early 70s to present with S.R.W.B. and I.F.S., including A.W.D.  |   |
| M0060-S | Mercedes chassis - W107, W116, W123, W124, W126, W140, W201.   |   |
| M0060-L | Newer Mercedes models.   |   |