

ZMS-Anzugsdrehmomenttabelle

DMF-Torque table

Volant bimasse - Table des couple de serrage

Tabla par de apriete Bi-Masa

Volano a doppia massa - Tabella coppia di serraggio

ZMS - tabulka Utahovací moment

DKZ - Tabela moment dokręcenia śrub



Nm



| | | | | |
|-------------|---------------------------|-------------------|---|--|
| 415 0001 11 | BMW | 105 Nm | * | |
| 415 0003 10 | BMW | 105 Nm | * | |
| 415 0005 10 | Opel | 55 Nm + 30° - 45° | ✓ | |
| 415 0006 10 | Opel | 60 Nm | ✓ | |
| 415 0009 10 | Jaguar | 100 Nm | ✓ | |
| 415 0011 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0012 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0013 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0014 11 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0015 11 | Audi | 40 Nm + 180° | ✓ | |
| 415 0016 10 | BMW | 120 Nm | ✓ | |
| 415 0017 11 | BMW | 120 Nm | ✓ | |
| 415 0018 10 | Porsche | 85 Nm | ✓ | |
| 415 0018 11 | Porsche | 85 Nm | ✓ | |
| 415 0019 10 | Porsche | 85 Nm | ✓ | |
| 415 0019 11 | Porsche | 85 Nm | ✓ | |
| 415 0020 10 | Porsche | 40 Nm + 90 Nm | ✓ | |
| 415 0021 10 | BMW | 105 Nm | * | |
| 415 0021 11 | BMW | 105 Nm | * | |
| 415 0022 10 | Mercedes-Benz | 45 Nm + 90° | * | |
| 415 0023 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0023 11 | Mercedes-Benz / Ssangyong | 45 Nm + 90° | ✓ | |
| 415 0024 10 | BMW | 105 Nm | * | |
| 415 0025 10 | BMW | 105 Nm | * | |
| 415 0028 11 | Mercedes-Benz | 40 Nm + 90° | ✓ | |
| 415 0029 11 | Mercedes-Benz | 40 Nm + 90° | ✓ | |
| 415 0030 10 | Audi / VW | 60 Nm + 90° | ✓ | |
| 415 0031 10 | Ford | 20 Nm + 60° | ✓ | |
| 415 0032 10 | BMW | 105 Nm | ✓ | |
| 415 0033 10 | BMW | 105 Nm | ✓ | |
| 415 0035 10 | Opel | 65 Nm + 30° + 15° | ✓ | |
| 415 0036 10 | Opel | 65 Nm + 30° + 15° | ✓ | |
| 415 0037 10 | Opel | 65 Nm + 30° + 15° | ✓ | |
| 415 0038 10 | Opel | 112 Nm | ✓ | |
| 415 0040 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0041 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0042 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0043 10 | Mercedes-Benz | 45 Nm + 90° | * | |
| 415 0045 10 | Corvette | 100 Nm | * | |
| 415 0047 10 | BMW | 105 Nm | * | |
| 415 0048 10 | Jaguar | 136 Nm | ✓ | |
| 415 0049 10 | Audi | 30 Nm + 90° | ✓ | |
| 415 0050 10 | BMW | 105 Nm | ✓ | |
| 415 0050 11 | BMW | 105 Nm | ✓ | |
| 415 0051 10 | Porsche | 85 Nm | ✓ | |
| 415 0052 10 | Audi | 40 Nm + 180° | ✓ | |
| 415 0053 10 | Volvo | 60 Nm + 90° | ✓ | |
| 415 0054 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0055 10 | Audi | 60 Nm + 90° | ✓ | |
| 415 0056 10 | VW | 60 Nm + 180° | ✓ | |
| 415 0057 10 | VW | 60 Nm + 90° | ✓ | |
| 415 0058 10 | Audi | 60 Nm + 180° | ✓ | |
| 415 0059 10 | Audi / Ford / Seat / VW | 60 Nm + 90° | ✓ | |
| 415 0060 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0061 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0062 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0063 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0064 10 | BMW | 120 Nm | ✓ | |
| 415 0065 10 | BMW | 120 Nm | ✓ | |
| 415 0066 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0067 10 | Ford | 87 Nm | ✓ | |
| 415 0068 10 | Range Rover | 105 Nm | ✓ | |
| 415 0069 10 | Audi | 40 Nm + 180° | ✓ | |
| 415 0071 10 | Audi / Skoda / VW | 60 Nm + 180° | ✓ | |
| 415 0072 10 | Porsche | 25 Nm + 120° | ✓ | |
| 415 0073 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0074 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0075 10 | Audi / VW | 60 Nm + 90° | ✓ | |
| 415 0076 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0077 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0078 10 | Audi / VW | 60 Nm + 180° | ✓ | |
| 415 0079 10 | Opel | 45 Nm + 30° + 15° | ✓ | |
| 415 0080 10 | Volvo | 45 Nm + 65° | ✓ | |
| 415 0080 11 | Volvo | 45 Nm + 65° | ✓ | |
| 415 0081 10 | BMW | 120 Nm | ✓ | |
| 415 0082 10 | BMW | 120 Nm | ✓ | |
| 415 0083 10 | BMW | 105 Nm | ✓ | |
| 415 0084 10 | BMW | 105 Nm | ✓ | |
| 415 0085 10 | BMW | 105 Nm | ✓ | |
| 415 0086 10 | BMW | 105 Nm | ✓ | |
| 415 0087 11 | Volvo | 45 Nm + 65° | ✓ | |
| 415 0088 10 | VW | 60 Nm + 90° | ✓ | |
| 415 0089 10 | BMW | 105 Nm | ✓ | |
| 415 0090 10 | Renault | 60 Nm | ✓ | |
| 415 0091 10 | Renault | 30 Nm + 90° | ✓ | |
| 415 0092 10 | Audi / VW | 60 Nm + 90° | ✓ | |
| 415 0093 10 | BMW | 105 Nm | ✓ | |
| 415 0094 10 | VW | 125 Nm | ✓ | |
| 415 0095 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0096 10 | Opel | 45 Nm + 30° + 15° | ✓ | |
| 415 0097 10 | Ssangyong | 40 Nm + 90° | ✓ | |
| 415 0098 10 | Mercedes | 40 Nm + 90° | ✓ | |
| 415 0099 10 | Honda | 76 Nm | ✓ | |
| 415 0100 10 | Nissan | 103 Nm - 112 Nm | ✓ | |
| 415 0100 11 | Nissan | 103 Nm - 112 Nm | ✓ | |
| 415 0102 10 | Porsche | 25 Nm + 120° | ✓ | |



Nm



| | | | | |
|-------------|------------------------------------|---------------------|---|--|
| 415 0103 10 | VW | 60 Nm + 90° | ✓ | |
| 415 0104 10 | BMW | 105 Nm | ✓ | |
| 415 0105 10 | BMW | 120 Nm | ✓ | |
| 415 0106 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0107 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0108 10 | VW | 60 Nm + 90° | ✓ | |
| 415 0109 10 | BMW USA | 105 Nm | ✓ | |
| 415 0110 10 | BMW | 105 Nm | ✓ | |
| 415 0111 10 | Audi / Seat / VW | 60 Nm + 90° | ✓ | |
| 415 0112 10 | Audi / Skoda / VW | 60 Nm + 180° | ✓ | |
| 415 0113 10 | Skoda / VW | 60 Nm + 90° | ✓ | |
| 415 0114 10 | Audi / VW | 60 Nm + 90° | ✓ | |
| 415 0115 10 | Seat / VW | 60 Nm + 90° | ✓ | |
| 415 0116 10 | Mitsubishi | 98 Nm ± 5 Nm | x | |
| 415 0117 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0118 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0119 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0120 10 | Porsche | 25 Nm + 120° | ✓ | |
| 415 0121 10 | BMW | 105 Nm | ✓ | |
| 415 0122 10 | BMW | 105 Nm | ✓ | |
| 415 0123 10 | Citroën / Fiat / Lancia / Peugeot | 48 Nm | ✓ | |
| 415 0126 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0127 10 | Audi / Seat | 60 Nm + 90° | ✓ | |
| 415 0129 10 | Citroën / Peugeot | 20 Nm + 60° | ✓ | |
| 415 0130 10 | Citroën / Fiat / Lancia / Peugeot | 20 Nm + 60° | ✓ | |
| 415 0131 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0132 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0134 10 | Volvo | 45 Nm + 65° | ✓ | |
| 415 0134 11 | Volvo | 45 Nm + 65° | ✓ | |
| 415 0135 10 | VW | 60 Nm + 90° | ✓ | |
| 415 0136 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0137 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0138 10 | Citroën / Fiat / Lancia / Peugeot | 48 Nm | ✓ | |
| 415 0139 10 | Audi / Skoda / VW | 60 Nm + 180° | ✓ | |
| 415 0140 10 | Citroën / Fiat / Lancia / Peugeot | 20 Nm + 60° | ✓ | |
| 415 0141 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0142 10 | Mitsubishi | 53 Nm | ✓ | |
| 415 0142 10 | Renault / Volvo | 20 Nm + 70° | ✓ | |
| 415 0143 10 | Mitsubishi | 98 Nm ± 5 Nm | ✓ | |
| 415 0144 10 | Audi / VW | 60 Nm + 90° | ✓ | |
| 415 0145 10 | Audi / Skoda / VW | 60 Nm + 90° | ✓ | |
| 415 0146 10 | Nissan / Opel / Renault / Vauxhall | 25 Nm + 50° ± 6° | ✓ | |
| 415 0147 10 | Audi | 60 Nm + 180° | ✓ | |
| 415 0148 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0149 10 | Audi | 60 Nm + 90° | ✓ | |
| 415 0150 10 | Audi / VW | 60 Nm + 90° | ✓ | |
| 415 0151 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0152 10 | Jeep | 45 Nm | ✓ | |
| 415 0153 10 | Nissan | 108 Nm | ✓ | |
| 415 0154 10 | Hyundai | 135 Nm ± 5 Nm | ✓ | |
| 415 0156 10 | Opel | 53 Nm + 25° | ✓ | |
| 415 0157 10 | Opel | 45 Nm + 30° + 15° | ✓ | |
| 415 0158 10 | BMW | 105 Nm | ✓ | |
| 415 0159 10 | Hyundai | 75 Nm ± 2 Nm | ✓ | |
| 415 0160 10 | Audi | 60 Nm + 180° | ✓ | |
| 415 0161 10 | Hyundai | 75 Nm ± 5 Nm | ✓ | |
| 415 0162 10 | Opel | 65 Nm + 30° + 15° | ✓ | |
| 415 0163 10 | Opel / Vauxhall | 45 Nm + 30° + 15° | ✓ | |
| 415 0165 10 | Audi | 60 Nm + 90° | ✓ | |
| 415 0168 10 | Ford / Jaguar | 25 Nm + 40 Nm + 48° | ✓ | |
| 415 0169 10 | Ford | 87 Nm | ✓ | |
| 415 0170 10 | Ford | 25 Nm + 40 Nm + 48° | ✓ | |
| 415 0171 10 | Rover | 85 Nm | ✓ | |
| 415 0172 10 | MG / Rover | 100 Nm | ✓ | |
| 415 0173 10 | Opel | 65 Nm + 30° + 15° | ✓ | |
| 415 0174 10 | BMW | 130 Nm | ✓ | |
| 415 0175 10 | BMW | 120 Nm | ✓ | |
| 415 0176 10 | Mini | 90 Nm | ✓ | |
| 415 0177 10 | Opel | 20 Nm + 60° | ✓ | |
| 415 0178 10 | Volvo | 45 Nm + 65° | ✓ | |
| 415 0179 10 | Ford | 25 Nm + 40 Nm + 48° | ✓ | |
| 415 0180 10 | Ford | 25 Nm + 40 Nm + 48° | ✓ | |
| 415 0181 10 | Ford | 25 Nm + 40 Nm + 48° | ✓ | |
| 415 0182 10 | Ford / Mazda | 30 Nm + 90° | ✓ | |
| 415 0183 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0184 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0185 10 | Ford | 30 Nm + 85 Nm | ✓ | |
| 415 0186 10 | Opel | 65 Nm + 30° + 15° | ✓ | |
| 415 0187 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0188 10 | Opel | 45 Nm + 30° + 15° | ✓ | |
| 415 0189 10 | BMW | 105 Nm | ✓ | |
| 415 0190 10 | BMW | 105 Nm | ✓ | |
| 415 0191 10 | VW | 60 Nm + 90° | ✓ | |
| 415 0193 10 | Renault | 30 Nm + 56° ± 6° | ✓ | |
| 415 0194 10 | BMW | 105 Nm | ✓ | |
| 415 0195 10 | Audi / VW | 60 Nm + 90° | ✓ | |
| 415 0196 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0197 10 | Porsche | 85 Nm | ✓ | |
| 415 0198 10 | Hyundai / Kia | 75 Nm ± 2 Nm | ✓ | |
| 415 0199 10 | Seat / VW | 60 Nm + 90° | ✓ | |
| 415 0200 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0201 10 | Toyota | 49 Nm + 90° | ✓ | |
| 415 0202 10 | Renault | 30 Nm + 56° ± 6° | ✓ | |
| 415 0203 10 | Ford / Seat / VW | 60 Nm + 90° | ✓ | |
| 415 0204 10 | Renault | 60 Nm | ✓ | |
| 415 0205 10 | Hyundai | 75 Nm ± 5 Nm | ✓ | |
| 415 0207 10 | Opel | 45 Nm + 30° + 15° | ✓ | |
| 415 0208 10 | VW | 125 Nm | ✓ | |
| 415 0211 10 | Iveco | 30 Nm + 90° | ✓ | |
| 415 0212 10 | Opel | 65 Nm + 30° + 15° | ✓ | |
| 415 0213 10 | Nissan | 88 Nm ± 5 Nm | ✓ | |
| 415 0213 11 | Nissan | 88 Nm ± 5 Nm | ✓ | |



Nm



| | | | | |
|--------------|-----------------------------------|----------------------|---|--|
| 415 0215 10 | Toyota | 88 Nm | ✓ | |
| 415 0217 10 | Mazda | 162 Nm - 171 Nm | ✓ | |
| 415 0219 10 | Volvo | 30 Nm + 90° | ✓ | |
| 415 0220 10 | Volvo | 45 Nm + 65° | ✓ | |
| 415 0221 10 | Iveco | 30 Nm + 90° | ✓ | |
| 415 0222 10 | Iveco | 30 Nm + 90° | ✓ | |
| 415 0223 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0224 10 | Renault | 65 Nm | ✓ | |
| 415 0225 10 | Citroën / Peugeot | 48 Nm | ✓ | |
| 415 0230 10 | Audi | 60 Nm + 90° | ✓ | |
| 415 0231 10 | Audi / Skoda / VW | 60 Nm + 90° | ✓ | |
| 415 0232 10 | Opel / Suzuki / Vauxhall | 44 Nm | ✓ | |
| 415 0233 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0234 10 | Opel / Saab | 60 Nm + 30° + 15° | ✓ | |
| 415 0235 10 | Opel | 53 Nm + 25° | ✓ | |
| 415 0237 10 | Landrover / MG / Rover | 110 Nm | ✓ | |
| 415 0238 10 | Ford | 25 Nm + 40 Nm + 48° | ✓ | |
| 415 0239 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0240 10 | Opel | 85 Nm + 30° + 90° | ✓ | |
| 415 0241 10 | Fiat / Opel | 160 Nm | ✓ | |
| 415 0242 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0243 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0244 10 | Audi / VW | 60 Nm + 90° | ✓ | |
| 415 0245 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0246 10 | Volvo | 45 Nm + 65° | ✓ | |
| 415 0247 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0249 10 | Citroën / Peugeot | 48 Nm | ✓ | |
| 415 0250 10 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ | |
| 415 0251 10 | VW | 60 Nm + 90° | ✓ | |
| 415 0254 10 | BMW | 130 Nm | ✓ | |
| 415 0256 10 | Opel | 85 Nm + 30° + 15° | ✓ | |
| 415 0257 10 | Saab | 118 Nm | ✓ | |
| 415 0258 10 | Ford | 112 Nm | ✓ | |
| 415 0261 10 | Nissan / Renault | 55 Nm | ✓ | |
| 415 0264 10 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ | |
| 415 0265 10 | Opel / Vauxhall | 85 Nm + 35° + 15° | ✓ | |
| 415 0266 10 | Opel / Vauxhall | 51 Nm + 25° | ✓ | |
| 415 0267 10 | Opel / Saab / Vauxhall | 67 Nm | ✓ | |
| 415 0268 10 | Iveco | 30 Nm + 90° | ✓ | |
| 415 0269 10 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ | |
| 415 0270 10 | Renault | 60 Nm | ✓ | |
| 415 0271 10 | VW | 60 Nm + 90° | ✓ | |
| 415 0272 10 | Honda | 118 Nm | ✓ | |
| 415 0273 10 | Hyundai / Kia | 74 Nm ± 5 Nm | ✓ | |
| 415 0274 10 | Mini | 50 Nm + 90° | ✓ | |
| 415 0276 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0277 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 02778 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0279 10 | Lexus | 71 Nm | ✓ | |
| 415 0280 10 | Hyundai | 123 Nm ± 5 Nm | ✓ | |
| 415 0281 11 | Nissan | 103 Nm - 112 Nm | ✓ | |
| 415 0282 10 | BMW | 105 Nm | ✓ | |
| 415 0283 10 | Opel / Vauxhall | 65 Nm + 30° + 15° | ✓ | |
| 415 0284 10 | Toyota | 71 Nm | ✓ | |
| 415 0285 10 | Hyundai | 74 Nm ± 5 Nm | ✓ | |
| 415 0286 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0287 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0289 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0290 10 | Kia | 127 Nm ± 5 Nm | ✓ | |
| 415 0292 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0293 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0294 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0296 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0297 10 | Hyundai | 123 Nm ± 5 Nm | ✓ | |
| 415 0298 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0299 10 | Opel / Vauxhall | 65 Nm + 30° + 15° | ✓ | |
| 415 0300 10 | Hyundai | 132 Nm ± 5 Nm | ✓ | |
| 415 0301 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0302 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0303 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0304 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0305 10 | Opel / Vauxhall | 44 Nm | ✓ | |
| 415 0307 10 | Citroën / Peugeot | 48 Nm ± 4 Nm | ✓ | |
| 415 0308 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0309 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0310 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0311 10 | Ford / Volvo | 45 Nm + 65° | ✓ | |
| 415 0312 10 | Volvo | 45 Nm + 65° | ✓ | |
| 415 0313 10 | Volvo | 45 Nm + 65° | ✓ | |
| 415 0314 10 | Opel | 145 Nm | ✓ | |
| 415 0315 10 | Volvo | 45 Nm + 65° | ✓ | |
| 415 0316 10 | Opel | 53 Nm + 25° | ✓ | |
| 415 0317 10 | Hyundai | 123 Nm ± 5 Nm | ✓ | |
| 415 0318 10 | Ford / Volvo | 48 Nm | ✓ | |
| 415 0319 10 | Saab | 65 Nm + 40° | ✓ | |
| 415 0320 10 | Citroën / Fiat / Lancia / Peugeot | 48 Nm | ✓ | |
| 415 0321 10 | Citroën / Peugeot | 15 Nm + 47 Nm ± 4 Nm | ✓ | |
| 415 0322 10 | Chervolet / Opel / Vauxhall | 105 Nm | ✓ | |
| 415 0323 10 | Citroën / Peugeot | 48 Nm | ✓ | |
| 415 0324 10 | Audi | 60 Nm + 90° | ✓ | |
| 415 0325 10 | Kia | 123 Nm ± 5 Nm | ✓ | |
| 415 0326 10 | Kia | 123 Nm ± 5 Nm | ✓ | |
| 415 0328 10 | Fiat / Lancia | 160 Nm ± 16 Nm | ✓ | |
| 415 0329 10 | Alfa-Romeo / Fiat | 44 Nm ± 4 Nm | ✓ | |
| 415 0330 10 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ | |
| 415 0331 10 | Audi / Seat / VW | 60 Nm + 90° | ✓ | |
| 415 0333 10 | Audi / VW | 60 Nm + 90° | ✓ | |
| 415 0334 10 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ | |
| 415 0335 10 | VW | 60 Nm + 90° | ✓ | |
| 415 0336 10 | VW | 60 Nm + 90° | ✓ | |
| 415 0337 10 | VW | 60 Nm + 90° | ✓ | |
| 415 0338 10 | VW | 60 Nm + 90° | ✓ | |



Nm



| | | | | |
|-------------|-----------------------------------|-------------------------------------|---|--|
| 415 0339 10 | VW | 60 Nm + 90° | ✓ | |
| 415 0340 10 | VW | 60 Nm + 90° | ✓ | |
| 415 0341 10 | VW | 60 Nm + 90° | ✓ | |
| 415 0342 10 | Seat / VW | 60 Nm + 90° | ✓ | |
| 415 0343 10 | Audi | 60 Nm | ✓ | |
| 415 0344 10 | Audi | 60 Nm | ✓ | |
| 415 0346 10 | Audi | 60 Nm | ✓ | |
| 415 0347 10 | Audi / Seat | 60 Nm + 90° | ✓ | |
| 415 0348 10 | Audi | 60 Nm + 90° | ✓ | |
| 415 0349 10 | Audi | 60 Nm + 90° | ✓ | |
| 415 0350 10 | Audi | 60 Nm + 90° | ✓ | |
| 415 0351 10 | Audi | 60 Nm + 90° | ✓ | |
| 415 0352 10 | Audi | 60 Nm + 90° | ✓ | |
| 415 0353 10 | Audi / Porsche / VW | 60 Nm + 90° | ✓ | |
| 415 0354 10 | Audi | 60 Nm + 180° | ✓ | |
| 415 0355 10 | Ford | 87 Nm | ✓ | |
| 415 0356 10 | Toyota | 71 Nm | ✓ | |
| 415 0357 10 | BMW | 120 Nm | ✓ | |
| 415 0358 10 | Audi | 60 Nm + 90° | ✓ | |
| 415 0359 10 | BMW | 105 Nm | ✓ | |
| 415 0360 10 | Seat / VW | 60 Nm + 90° | ✓ | |
| 415 0361 10 | Audi | 60 Nm + 90° | ✓ | |
| 415 0362 10 | BMW | 105 Nm | ✓ | |
| 415 0363 11 | Nissan | 108 Nm | ✓ | |
| 415 0364 10 | Chrysler | 45 Nm + 90° | ✓ | |
| 415 0365 10 | BMW | 105 Nm | ✓ | |
| 415 0366 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0367 10 | Mitsubishi / Smart | 45 Nm + 180° | ✓ | |
| 415 0368 10 | BMW | 120 Nm | ✓ | |
| 415 0369 10 | Porsche | 25 Nm + 120° | ✓ | |
| 415 0370 10 | BMW | 105 Nm | ✓ | |
| 415 0371 10 | BMW | 105 Nm | ✓ | |
| 415 0372 10 | Citroën / Peugeot | 35 Nm + 75° ± 5° | ✓ | |
| 415 0374 10 | BMW | 105 Nm | ✓ | |
| 415 0375 10 | Citroën / Fiat / Lancia / Peugeot | 30 Nm + 60° | ✓ | |
| 415 0376 10 | Ford | 50 Nm + 80 Nm + 112 Nm | ✓ | |
| 415 0377 10 | BMW | 105 Nm | ✓ | |
| 415 0378 10 | Ford | 25 Nm + 40 Nm + 48° | ✓ | |
| 415 0379 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0380 10 | BMW | 105 Nm | ✓ | |
| 415 0383 10 | Renault | 55 Nm | ✓ | |
| 415 0385 10 | BMW | 120 Nm | ✓ | |
| 415 0386 10 | BMW | 105 Nm | ✓ | |
| 415 0387 10 | BMW | 120 Nm | ✓ | |
| 415 0388 10 | Ford | 25 Nm + 40 Nm + 48° | ✓ | |
| 415 0389 10 | BMW | 120 Nm | ✓ | |
| 415 0390 10 | Nissan / Renault | 25 Nm + 45° ± 6° | ✓ | |
| 415 0391 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0392 10 | BMW | 120 Nm | ✓ | |
| 415 0393 10 | Fiat | 136 Nm | ✓ | |
| 415 0394 10 | Fiat | 160 Nm ± 16 Nm | ✓ | |
| 415 0395 10 | BMW | 105 Nm | ✓ | |
| 415 0396 10 | Citroën / Peugeot | 25 Nm + ← + 8 Nm + 30 Nm + 90° ± 5° | ✓ | |
| 415 0397 10 | Ford | 50 Nm + 80 Nm + 112 Nm | ✓ | |
| 415 0399 10 | Renault | 65 Nm + 50° | ✓ | |
| 415 0400 10 | Dacia / Nissan / Renault | 20 Nm + 36° | ✓ | |
| 415 0401 10 | BMW | 105 Nm | ✓ | |
| 415 0402 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0403 10 | MG / Rover | 80 Nm | ✓ | |
| 415 0404 10 | BMW | 105 Nm | ✓ | |
| 415 0405 10 | Skoda | 60 Nm + 90° | ✓ | |
| 415 0406 10 | BMW | 105 Nm | ✓ | |
| 415 0407 10 | Saab | 160 Nm | ✓ | |
| 415 0408 10 | BMW | 120 Nm | ✓ | |
| 415 0409 10 | Nissan / Renault | 108 Nm | ✓ | |
| 415 0410 10 | Ford / Mazda | 156 Nm ± 5 Nm | ✓ | |
| 415 0412 10 | Ford / Jaguar | 80 Nm | ✓ | |
| 415 0413 10 | Renault | 70 Nm | ✓ | |
| 415 0414 10 | Hyundai | 135 Nm ± 5 Nm | ✓ | |
| 415 0415 10 | Ford | 15 Nm + 30 Nm + 75 Nm + 45° | ✓ | |
| 415 0416 10 | BMW | 120 Nm | ✓ | |
| 415 0417 10 | Alfa-Romeo / Fiat / Lancia | 20 Nm + 50° | ✓ | |
| 415 0418 10 | Nissan / Renault | 25 Nm + 45° ± 6° | ✓ | |
| 415 0419 10 | Renault | 30 Nm + 56° ± 6° | ✓ | |
| 415 0420 10 | Renault | 30 Nm + 62° ± 6° | ✓ | |
| 415 0422 10 | Alfa-Romeo | 160 Nm ± 16 Nm | ✓ | |
| 415 0423 10 | Alfa-Romeo / Lancia | 160 Nm ± 16 Nm | ✓ | |
| 415 0427 10 | Ford / Jaguar | 25 Nm + 40 Nm + 48° | ✓ | |
| 415 0429 10 | Suzuki | 65 Nm | ✓ | |
| 415 0430 10 | Ford / Volvo | 50 Nm + 80 Nm + 112 Nm | ✓ | |
| 415 0431 10 | Audi / VW | 60 Nm + 90° | ✓ | |
| 415 0435 10 | Ford | 112 Nm | ✓ | |
| 415 0436 10 | Ford / Mazda / Volvo | 30 Nm + 90 | ✓ | |
| 415 0437 10 | Mitsubishi | 60 Nm + 90° | ✓ | |
| 415 0438 10 | Ford | 15 Nm + 30 Nm + 75 Nm + 45° | ✓ | |
| 415 0439 10 | Nissan / Renault | 108 Nm | ✓ | |
| 415 0441 10 | Mitsubishi | 60 Nm + 90° | ✓ | |
| 415 0442 10 | Opel | 44 Nm | ✓ | |
| 415 0445 10 | Opel | 160 Nm | ✓ | |
| 415 0450 10 | BMW | 120 Nm | ✓ | |
| 415 0452 10 | Renault | 65 Nm | ✓ | |
| 415 0453 10 | BMW | 120 Nm | ✓ | |
| 415 0454 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0455 10 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 415 0456 10 | Opel / Suzuki / Vauxhall | 44 Nm | ✓ | |
| 415 0457 10 | VW | 60 Nm + 90° | ✓ | |
| 415 0458 10 | Porsche | 60 Nm + 90° | ✓ | |
| 415 0459 10 | Ford / Volvo | 50 Nm + 80 Nm + 112 Nm | ✓ | |
| 415 0461 10 | Mazda | 156 Nm ± 5 Nm | ✓ | |
| 415 0462 10 | Renault | 70 Nm | ✓ | |
| 415 0463 10 | Renault | 20 Nm + 43° ± 6° | ✓ | |
| 415 0464 10 | Opel | 15 Nm + 35° | ✓ | |
| 415 0465 10 | Opel | 60 Nm + 45° + 15° | ✓ | |



Nm



| | | | |
|-------------|------------------------------------|-------------------------------------|---|
| 415 0466 10 | Alfa-Romeo | 20 Nm + 50° | ✓ |
| 415 0467 10 | BMW | 120 Nm | ✓ |
| 415 0468 10 | Honda | 118 Nm | ✓ |
| 415 0469 10 | Fiat / Lancia | 160 Nm | ✓ |
| 415 0470 10 | Alfa-Romeo / Fiat | 44 Nm | ✓ |
| 415 0471 10 | Opel / Saab / Vauxhall | 160 Nm | ✓ |
| 415 0472 10 | Opel / Vauxhall | 85 Nm + 30° + 15° | ✓ |
| 415 0473 10 | Alfa-Romeo | 160 Nm + 16 Nm | ✓ |
| 415 0474 10 | Jaguar / Landrover | 50 Nm + 45° + 45° | ✓ |
| 415 0475 10 | Fiat / Lancia | 160 Nm | ✓ |
| 415 0476 10 | Toyota | 49 Nm + 90° | x |
| 415 0477 10 | BMW | 120 Nm | ✓ |
| 415 0478 10 | Ford | 35 Nm + 45° | ✓ |
| 415 0479 10 | Alfa-Romeo / Fiat / Lancia | 160 Nm | ✓ |
| 415 0480 10 | Hyundai | 125 Nm ± 5 Nm | ✓ |
| 415 0481 10 | Alfa-Romeo / Fiat | 160 Nm | ✓ |
| 415 0482 10 | Audi | 60 Nm + 90° | ✓ |
| 415 0483 10 | Mazda | 156 Nm ± 5 Nm | ✓ |
| 415 0484 10 | Landrover | 33 Nm + 34° | ✓ |
| 415 0485 10 | Opel / Renault | 35 Nm + 35 Nm + 35° | ✓ |
| 415 0487 10 | Lexus | 73 Nm | ✓ |
| 415 0488 10 | Hyundai | 122 Nm | ✓ |
| 415 0489 10 | Mitsubishi ASX | 40 Nm + 30° | ✓ |
| 415 0489 10 | Mitsubishi Outlander | 15 Nm ± 1 Nm + 47 Nm ± 4 Nm | ✓ |
| 415 0490 10 | Nissan / Opel / Renault / Vauxhall | 1st 30 Nm; 2nd 30 Nm +35° | ✓ |
| 415 0491 09 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ |
| 415 0492 10 | Renault | 20 Nm + 30 Nm + 50° | ✓ |
| 415 0493 10 | Citroën / Peugeot | 25 Nm + ← + 8 Nm + 30 Nm + 90° ± 5° | ✓ |
| 415 0494 09 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ |
| 415 0495 10 | Audi | 60 Nm + 90° | ✓ |
| 415 0496 10 | Mercedes-Benz | 45 Nm + 90° | ✓ |
| 415 0497 09 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ |
| 415 0498 10 | Mercedes-Benz | 45 Nm + 90° | ✓ |
| 415 0499 10 | BMW | 120 Nm | ✓ |
| 415 0500 09 | Audi / Seat / VW | 60 Nm + 90° | ✓ |
| 415 0502 10 | BMW | 120 Nm | ✓ |
| 415 0503 09 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ |
| 415 0505 10 | Opel / Vauxhall | 60 Nm + 45° + 15° | ✓ |
| 415 0506 09 | Seat / VW | 60 Nm + 90° | ✓ |
| 415 0507 10 | Opel / Vauxhall | 160 Nm | ✓ |
| 415 0509 09 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ |
| 415 0510 10 | Opel / Vauxhall | 160 Nm | ✓ |
| 415 0512 09 | Seat / Skoda / VW | 60 Nm + 90° | ✓ |
| 415 0513 10 | Opel / Vauxhall | 60 Nm + 45° + 15° | ✓ |
| 415 0514 10 | Alfa-Romeo | 35 Nm ± 5 Nm + 25° | ✓ |
| 415 0515 09 | Seat / VW | 60 Nm + 90° | ✓ |
| 415 0516 10 | Alfa-Romeo / Fiat / Lancia | 20 Nm + 50° | ✓ |
| 415 0517 10 | Seat / Skoda / VW | 60 Nm + 90° | ✓ |
| 415 0519 10 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ |
| 415 0520 10 | BMW | 120 Nm | ✓ |
| 415 0522 10 | Subaru | 72 Nm | ✓ |
| 415 0523 10 | Citroën / Peugeot | 8 Nm + 30 Nm + 90° | ✓ |
| 415 0524 10 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ |
| 415 0525 10 | Mini | 25 Nm + 360° ← + 8 Nm + 30 Nm + 90° | ✓ |
| 415 0526 10 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ |
| 415 0528 10 | Ford | 50 Nm + 80 Nm + 120 Nm | ✓ |
| 415 0529 10 | Citroën / Peugeot | 70 Nm + 62° | ✓ |
| 415 0530 10 | Opel | 35 Nm + 35 Nm + 35° | ✓ |
| 415 0531 09 | Seat / Skoda / VW | 60 Nm + 90° | ✓ |
| 415 0532 10 | Opel | 160 Nm | ✓ |
| 415 0535 10 | Mini | 8 Nm + 30 Nm + 90° | ✓ |
| 415 0537 10 | Ford | 30 Nm + 90° | ✓ |
| 415 0538 10 | Citroën / Peugeot | 30 Nm + 90° | ✓ |
| 415 0539 10 | Opel / Vauxhall | 85 Nm + 30° + 15° | ✓ |
| 415 0540 10 | VW | 60 Nm + 90° | ✓ |
| 415 0541 10 | Alfa-Romeo / Fiat / Lancia | 160 Nm ± 16 Nm | ✓ |
| 415 0542 09 | Seat / Skoda / VW | 60 Nm + 90° | ✓ |
| 415 0543 10 | Landrover | 40 Nm + 90° | ✓ |
| 415 0544 10 | Citroën / Peugeot | 15 Nm + 47 Nm ± 4 Nm | ✓ |
| 415 0545 09 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ |
| 415 0546 10 | Mazda | 152 Nm - 161 Nm | ✓ |
| 415 0547 10 | Hyundai / Kia | 125 Nm ± 5 Nm | ✓ |
| 415 0548 09 | Audi / Skoda / VW | 60 Nm + 90° | ✓ |
| 415 0549 10 | VW | 60 Nm + 90° | ✓ |
| 415 0550 08 | Audi | 60 Nm + 90° | ✓ |
| 415 0551 10 | Mini | 8 Nm + 30 Nm + 90° | ✓ |
| 415 0552 10 | BMW | 105 Nm | ✓ |
| 415 0553 08 | Audi / Seat | 60 Nm + 90° | ✓ |
| 415 0554 10 | BMW | 105 Nm | ✓ |
| 415 0555 10 | Mercedes-Benz | 45 Nm + 90° | ✓ |
| 415 0556 08 | Audi | 60 Nm + 90° | ✓ |
| 415 0558 09 | VW | 60 Nm + 90° | ✓ |
| 415 0559 08 | Audi | 60 Nm + 90° | ✓ |
| 415 0564 10 | Nissan | 40 Nm + 50° ± 6° | ✓ |
| 415 0565 10 | Mini | 120 Nm | ✓ |
| 415 0568 10 | Nissan | 113 Nm | ✓ |
| 415 0570 10 | Nissan | 108 Nm | ✓ |
| 415 0572 10 | Porsche | 25 Nm + 120° | ✓ |
| 415 0575 09 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ |
| 415 0576 10 | Citroën / Peugeot | 25 Nm + ← + 8 Nm + 30 Nm + 90° | ✓ |
| 415 0578 09 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ |
| 415 0579 10 | BMW | 8 Nm + 30 Nm + 90° | ✓ |
| 415 0582 09 | BMW | 120 Nm | ✓ |
| 415 0602 08 | Audi | 60 Nm + 90° | ✓ |
| 415 0614 08 | Audi | 60 Nm + 90° | ✓ |
| 417 0003 10 | VW | 60 Nm + 90° | ✓ |
| 417 0007 11 | VW | 60 Nm + 90° | ✓ |
| 417 0008 11 | VW | 60 Nm + 90° | ✓ |
| 417 0009 10 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ |
| 417 0010 10 | Seat / VW | 60 Nm + 90° | ✓ |
| 417 0012 10 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ |
| 417 0014 10 | Seat / VW | 60 Nm + 90° | ✓ |
| 417 0015 11 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ |



Nm



| | | | | |
|-------------|-----------------------------------|-------------------------------------|---|--|
| 417 0016 10 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ | |
| 417 0019 10 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ | |
| 417 0019 11 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ | |
| 417 0020 10 | Seat / VW | 60 Nm + 90° | ✓ | |
| 417 0021 10 | VW | 60 Nm + 90° | ✓ | |
| 417 0027 10 | VW | 60 Nm + 90° | ✓ | |
| 417 0047 10 | Audi | 60 Nm + 90° | ✓ | |
| 600 0001 00 | VW | 60 Nm + 90° | ✓ | |
| 600 0002 00 | VW | 60 Nm + 90° | ✓ | |
| 600 0003 00 | Seat / VW | 60 Nm + 90° | ✓ | |
| 600 0004 00 | Seat / VW | 60 Nm + 90° | ✓ | |
| 600 0005 00 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ | |
| 600 0006 00 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ | |
| 600 0007 00 | Seat / VW | 60 Nm + 90° | ✓ | |
| 600 0008 00 | VW | 60 Nm + 90° | ✓ | |
| 600 0012 00 | VW | 60 Nm + 90° | ✓ | |
| 600 0013 00 | Audi / Ford / Seat / VW | 60 Nm + 90° | ✓ | |
| 600 0014 00 | Toyota | 88 Nm | ✓ | |
| 600 0016 00 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ | |
| 600 0017 00 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ | |
| 600 0018 00 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 600 0019 00 | Skoda / VW | 60 Nm + 90° | ✓ | |
| 600 0020 00 | Renault | 30 Nm + 56° ± 6° | ✓ | |
| 600 0021 00 | Renault | 30 Nm + 56° ± 6° | ✓ | |
| 600 0022 00 | VW | 60 Nm + 90° | ✓ | |
| 600 0023 00 | Ford | 25 Nm + 40 Nm + 48° | ✓ | |
| 600 0024 00 | Ford | 25 Nm + 40 Nm + 48° | ✓ | |
| 600 0025 00 | BMW | 105 Nm | ✗ | |
| 600 0026 00 | Renault | 60 Nm | ✓ | |
| 600 0027 00 | Renault | 60 Nm | ✓ | |
| 600 0029 00 | Audi / VW | 60 Nm + 90° | ✓ | |
| 600 0030 00 | BMW | 105 Nm | ✓ | |
| 600 0031 00 | Ford | 30 Nm + 90° | ✓ | |
| 600 0032 00 | BMW | 105 Nm | ✓ | |
| 600 0033 00 | BMW | 105 Nm | ✓ | |
| 600 0034 00 | Audi / VW | 60 Nm + 90° | ✓ | |
| 600 0035 00 | Audi / Skoda / VW | 60 Nm + 180° | ✓ | |
| 600 0036 00 | Audi | 60 Nm + 90° | ✓ | |
| 600 0037 00 | Audi | 60 Nm + 180° | ✓ | |
| 600 0038 00 | Audi / VW | 60 Nm + 90° | ✓ | |
| 600 0039 00 | Audi / VW | 60 Nm + 90° | ✓ | |
| 600 0040 00 | Audi / Skoda / VW | 60 Nm + 180° | ✓ | |
| 600 0041 00 | Renault | 25 Nm + 50° ± 6° | ✓ | |
| 600 0042 00 | Renault | 25 Nm + 50° ± 6° | ✓ | |
| 600 0043 00 | BMW | 105 Nm | ✗ | |
| 600 0044 00 | Ford | 30 Nm + 85 Nm | ✓ | |
| 600 0045 00 | Ford | 25 Nm + 40 Nm + 48° | ✓ | |
| 600 0046 00 | Ford | 25 Nm + 40 Nm + 48° | ✓ | |
| 600 0047 00 | Ford | 25 Nm + 40 Nm + 48° | ✓ | |
| 600 0048 00 | Citroën / Fiat / Lancia / Peugeot | 48 Nm | ✓ | |
| 600 0049 00 | Citroën / Peugeot | 48 Nm | ✓ | |
| 600 0050 00 | Citroën / Fiat / Lancia / Peugeot | 20 Nm + 60° | ✓ | |
| 600 0053 00 | Ford / Volvo | 48 Nm | ✓ | |
| 600 0054 00 | Fiat | 136 Nm | ✓ | |
| 600 0055 00 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 600 0056 00 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 600 0058 00 | Fiat | 160 Nm ± 16 Nm | ✓ | |
| 600 0060 00 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 600 0062 00 | Renault | 20 Nm + 36° | ✓ | |
| 600 0063 00 | BMW | 120 Nm | ✓ | |
| 600 0064 00 | Renault | 25 Nm + 45° ± 6° | ✓ | |
| 600 0065 00 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 600 0066 00 | Renault | 25 Nm + 45° ± 6° | ✓ | |
| 600 0067 00 | BMW | 120 Nm | ✓ | |
| 600 0068 00 | Renault | 55 Nm | ✓ | |
| 600 0069 00 | Mini | 90 Nm | ✓ | |
| 600 0070 00 | Renault | 55 Nm | ✓ | |
| 600 0071 00 | BMW | 105 Nm | ✓ | |
| 600 0072 00 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 600 0073 00 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 600 0076 00 | Mercedes-Benz | 45 Nm + 90° | ✓ | |
| 600 0078 00 | Opel / Renault / Vauxhall | 25 Nm + 50° ± 6° | ✓ | |
| 600 0079 00 | Audi / VW | 60 Nm + 90° | ✓ | |
| 600 0080 00 | Opel / Renault / Vauxhall | 25 Nm + 50° ± 6° | ✓ | |
| 600 0083 00 | Audi / Skoda / VW | 60 Nm + 180° | ✓ | |
| 600 0084 00 | Citroën / Peugeot | 25 Nm + ← + 8 Nm + 30 Nm + 90° ± 5° | ✓ | |
| 600 0087 00 | Audi / Seat / Skoda / VW | 60 Nm + 90° | ✓ | |
| 600 0094 00 | Opel / Vauxhall | 45 Nm + 30° + 15° | ✓ | |
| 600 0121 00 | VW | 60 Nm + 90° | ✓ | |
| 600 0125 00 | VW | 60 Nm + 90° | ✓ | |
| 600 0136 00 | Citroën / Fiat / Lancia / Peugeot | 48 Nm | ✓ | |
| 600 0138 00 | Audi | 60 Nm | ✓ | |
| 600 0139 00 | Audi | 60 Nm | ✓ | |
| 600 0140 00 | Citroën / Peugeot | 48 Nm | ✓ | |
| 600 0141 00 | Audi | 60 Nm | ✓ | |
| 600 0144 00 | Audi | 60 Nm | ✓ | |
| 600 0147 00 | Audi | 60 Nm | ✓ | |
| 600 0150 00 | Audi | 60 Nm + 90° | ✓ | |
| 600 0153 00 | Audi | 60 Nm + 90° | ✓ | |
| 600 0156 00 | Audi | 60 Nm | ✓ | |



Fahrzeughersteller

Nm

Anzugsdrehmoment (Nm)



Neue Schrauben verwenden



Bemerkungen



ja



nein



lösen



Gewinde nachschneiden



Gewinde nachschneiden und neue Schrauben mit Sicherungsmasse verwenden



Mit Dicht-/Sicherungsmittel versehene Schrauben verwenden



Schrauben mit Sicherungsmittel bestreichen

Anzugswerte für Neuaufnahmen im Schaeffler Automotive Aftermarket Lieferprogramm sind unter www.Schaeffler-Aftermarket.com oder www.RepXpert.com verfügbar.

Ersatzteil-Nummern der Fahrzeughersteller können im Online Katalog unter www.Schaeffler-Aftermarket.com oder TecDoc unter www.RepXpert.com auf die Schaeffler Automotive Aftermarket Nummer umgeschlüsselt werden.

Für weitere Informationen:
LuK, INA, FAG Reparatur-Hotline: +49 (0) 1801 753-111
www.schaeffler-aftermarket.com
www.repexpert.com



Manufacturer

Nm

Torque (Nm)



Renew bolts



Comment



yes



no



loosen



rethread



Rethread and use new screws with thread lock



Use screws with sealant/thread lock



Apply thread lock on screws

OE part numbers can be cross referred to Schaeffler Automotive Aftermarket part numbers using the Online catalogue at www.Schaeffler-Aftermarket.com or using TecDoc on www.RepXpert.com

If the part number you are looking for is not on this data wheel please check on our website at www.Schaeffler-Aftermarket.com or www.RepXpert.com.

If you require any further information please contact the LuK Technical Hotline on 08457 001100
www.schaeffler-aftermarket.com
www.repxpert.com



Constructeur

Nm

Couple de serrage (Nm)



Renouveler les vis



Indications



oui



non



dévisser



Tarauder le filetage



Tarauder le filetage et utiliser de nouvelles vis avec freins fileés



Utiliser des vis avec freins fileés



Appliquer le frein fileé sur les vis

Si la référence que vous recherchez ne figure pas sur cet abaque, veuillez consulter nos sites internet à l'adresse www.Schaeffler-Aftermarket.com ou www.RepXpert.com.

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www.schaeffler-aftermarket.com
www.repxpert.com



Fabricante

Nm

Par de apriete (Nm)



Cambiar tornillos



Indicación



si



no



aflojar



Rectificar la rosca



Rectificar la rosca y utilizar tornillos con sellante



Utilizar tornillos que lleven sellante



Aplicar sellante a los tornillos

Si la referencia del producto que usted busca no se encuentra en la base de datos, por favor consulte nuestra página web www.Schaeffler-Aftermarket.com, o el portal del taller www.RepXpert.com

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www.schaeffler-aftermarket.com
www.rexpert.com



Fabbricante

Nm

Coppia di serraggio (Nm)



Sostituire viti



Avviso



si



no



svitare



Riavvitare



Riavvitare ed usare viti con sigillante



Usare viti con sigillante



Applicare il sigillante sulle viti

Se il codice che si sta cercando non è presente, allora provare a cercarlo sul nostro sito Internet www.Schaeffler-Aftermarket.com oppure www.RepXpert.com.

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www.schaeffler-aftermarket.com
www.repxpert.com



Výrobce

Nm

Utahovací moment (Nm)



Použít nové šrouby



Poznámka



ano



ne



uvolněte



Doříznout závit



Doříznout závit a použít nové šrouby s prostředkem na zajištění



Použít šrouby s těsnícím prostředkem











Použít šrouby s prostředkem na zajištění

Měřicí hodnoty pro díly nově zavedené do programu Schaeffler Automotive Aftermarket naleznete na stránkách www.Schaeffler-Aftermarket.com nebo na www.RepXpert.com

Čísla dílů výrobců vozidel můžete převést na čísla Schaeffler Automotive Aftermarket prostřednictvím Online katalogu na stránkách www.Schaeffler-Aftermarket.com nebo prostřednictvím TecDoc na www.RepXpert.com

Další informace:
Telefon: +420 602 240 554
www.schaeffler-aftermarket.com
www.repxpert.com

| | |
|---|--|
|  | |
|  | Producent |
| Nm | Moment dokręcenia śrub (Nm) |
|  | Odnawianie śrub |
|  | Wskazówki techniczne |
| ✓ | tak |
| ✗ | nie |
| ← | poluzować |
|  | Ponownie nagwintować otwory |
|  | Ponownie nagwintować otwory i zastosować nowe śruby z substancją blokującą |
|  | Użyj śrub z uszczelnieniem |
|  | Zastosuj śruby z substancją blokującą |
| <p>Jeśli poszukiwany numer części nie znajduje się w tabeli, należy sprawdzić informacje na stronach www.Schaeffler-Aftermarket.com lub www.RepXpert.com</p> <p>Dla części zamiennej o numerze producenta OE, można znaleźć odpowiednik o numerze referencyjnym Schaeffler Automotive Aftermarket, posługując się katalogiem online na stronie www.Schaeffler-Aftermarket.com lub przy pomocy katalogu TecDec na www.RepXpert.com.</p> | |
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