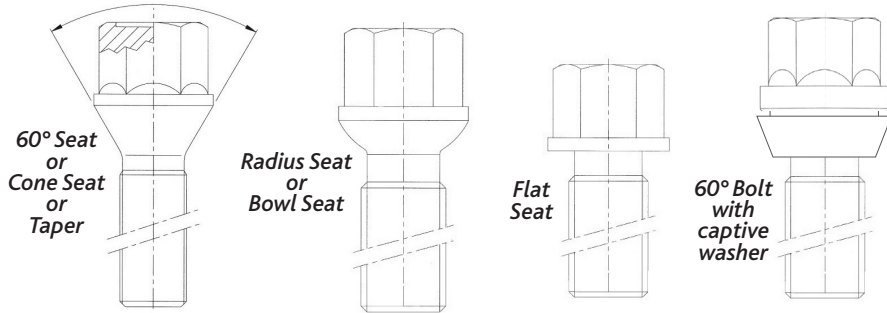


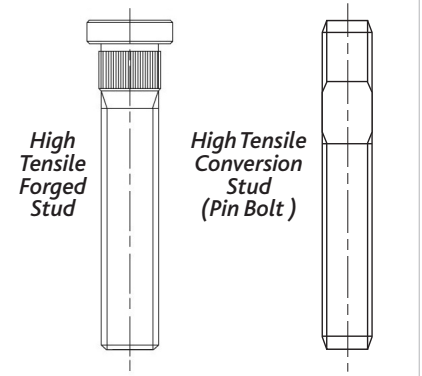
# LOCKING WHEEL NUTS & BOLTS SPECIFICATION LIST

## Nut and Bolt Seat Descriptions

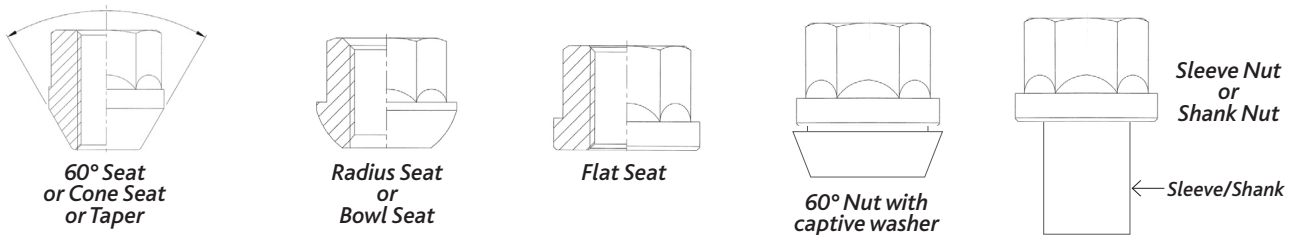
### BOLTS



### STUDS



### NUTS



## UNF Nuts

| AIP PART NO. | TRILOCK PART NO. | NUT/BOLT | THREAD SIZE     | SEAT TYPE          | CAPS (mm) | SHANK DIA.(mm) | SHANK LENGTH(mm) | OVERALL LENGTH(mm) | KEY HEX |
|--------------|------------------|----------|-----------------|--------------------|-----------|----------------|------------------|--------------------|---------|
| AFH          | 168              | NUT      | 3/8 UNF         | FLAT               | 22mm      | 15.0mm         | 11.0mm           | 38.5               | 17      |
| AGB          | 172              | NUT      | 7/16 UNF        | FLAT               | 22mm      | 15.87mm        | 19.0mm           | 42                 | 19      |
| AHI          | 189              | NUT      | 1/2 UNF         | 60°                | 22mm      | -              | -                | 47.5               | 22      |
| BGB          | 272              | NUT      | 7/16 UNF        | FLAT               | 22mm      | 15.87mm        | 30.0mm           | 57                 | 19      |
| BHI          | 289              | NUT      | 1/2 UNF         | FLAT               | 22mm      | 17.8mm         | 10.0mm           | 37.5               | 22      |
| CFC          | 363              | NUT      | 9/16 BSF        | L/ROVER OLD STEEL  | 25mm      | -              | -                | 39                 | 27      |
| CFH          | 368              | NUT      | 3/8 UNF         | FLAT               | 22mm      | 14.0mm         | 19.0mm           | 45.5               | 17      |
| CGB          | 372              | NUT      | 7/16 UNF        | FLAT               | 22mm      | 16mm           | 44mm             | 66                 | 19      |
| CHI          | 389              | NUT      | 1/2 UNF         | 60°                | 22mm      | -              | -                | 34.5               | 21      |
| CHI/A        | 389/1            | NUT      | 1/2 UNF         | 60°                | 18mm      | -              | -                | 39                 | 19      |
| DFH          | 468              | NUT      | 3/8 UNF         | FLAT               | 22mm      | 14.0mm         | 30.0mm           | 56                 | 17      |
| DHI          | 489              | NUT      | 1/2 UNF         | FLAT               | 12mm      | 17.5mm         | 10.0mm           | 37.5               | 21      |
| EGB          | 572              | NUT      | 7/16 UNF        | FLAT               | 22mm      | 17.5mm         | 30.0mm           | 57                 | 19      |
| EOHI         | 5089             | NUT X 5  | 1/2 UNF         | 60°                | 22mm      | -              | -                | 34.5               | 19      |
| EOHI/E       | 5089/5           | NUT X 5  | 1/2 UNF         | 60°                | N/A       | -              | -                | 34.5               | 19      |
| EHI/C        | 589/3            | NUT      | 1/2 UNF         | 60°                | 12mm      | -              | -                | 27.5               | 19      |
| FFH          | 668              | NUT      | 3/8 UNF         | RADIUS             | 22mm      | -              | -                | 28                 | 17      |
| FHI*         | 689              | NUT      | 1/2 UNF L/H R/H | RADIUS R/ROYCE O/E | 12mm      | 19.0mm         | 10.0mm           | 37.5               | 21      |
| FOHI/E       | 6089/5           | NUT X 6  | 1/2 UNF         | 60°                | N/A       | -              | -                | 34.5               | 19      |
| GGB          | 772              | NUT      | 7/16 UNF        | FLAT 26mm(STAG)    | 22mm      | 18.9mm         | 13.0mm           | 41                 | 22      |
| GHI          | 789              | NUT      | 1/2 UNF         | FLAT               | 18mm      | 17.5mm         | 19.0mm           | 44.5               | 19      |
| HFH/B        | 868/2            | NUT      | 3/8 UNF         | ROVER O/E          | 15mm      | 16.0mm         | 6.0mm            | 28.5               | 17      |
| HFH/F        | 868/6            | NUT      | 3/8 UNF         | FLAT               | MKVI      | 16.0mm         | 6.0mm            | 28.5               | 17      |
| HHI          | 889              | NUT      | 1/2 UNF         | FLAT               | 18mm      | 17.5mm         | 30.0mm           | 53                 | 19      |
| IFH/C        | 968/3            | NUT      | 3/8 UNF         | ROVER O/E MINI     | 15mm      | -              | -                | 27.5               | 17      |
| IHI          | 989              | NUT      | 1/2 UNF         | FLAT               | 18mm      | 17.5mm         | 44.0mm           | 67                 | 19      |
| IHI/A        | 989/1            | NUT      | 1/2 UNF         | FLAT               | 12mm      | 21.5mm         | 17.0mm           | 33                 | 19      |
| OFH          | 068              | NUT      | 3/8 UNF         | 60°                | 22mm      | -              | -                | 30                 | 17      |
| OGB          | 072              | NUT      | 7/16 UNF        | 60°                | 22mm      | -              | -                | 34.5               | 19      |
| OHI          | 089              | NUT      | 1/2 UNF         | 60°                | 22mm      | -              | -                | 34.5               | 19      |
| OHI/E        | 089/5            | NUT      | 1/2 UNF         | 60°                | N/A       | -              | -                | 34                 | 19      |

\*DACROMET \*\*GEOMET \*\*\*CORROLUB \*\*\*\*ZINC NICKEL \*\*\*\*\*BLACK ZINC CR = CHROME

# LOCKING WHEEL NUTS & BOLTS SPECIFICATION LIST

## M10 X 1.25 Nuts

| AIP PART NO. | TRILOCK PART NO. | NUT/BOLT | THREAD SIZE | SEAT TYPE | CAPS (mm) | SHANK DIA.(mm) | SHANK LENGTH(mm) | OVERALL LENGTH(mm) | KEY HEX |
|--------------|------------------|----------|-------------|-----------|-----------|----------------|------------------|--------------------|---------|
| OIC          | 093              | NUT      | M10 X 1.25  | 60°       | 22mm      | -              | -                | 31.8               | 17      |

## M12 X 1.25 Nuts

| AIP PART NO.  | TRILOCK PART NO. | NUT/BOLT | THREAD SIZE | SEAT TYPE      | CAPS (mm) | SHANK DIA.(mm) | SHANK LENGTH(mm) | OVERALL LENGTH(mm) | KEY HEX |
|---------------|------------------|----------|-------------|----------------|-----------|----------------|------------------|--------------------|---------|
| AGG           | 177              | NUT      | M12 X 1.25  | WOLFRACE       | 18mm      | 16.27mm        | 12.5mm           | 39                 | 19      |
| AGI           | 179              | NUT      | M12 X 1.25  | FLAT           | 22mm      | 17.0mm         | 13.0mm           | 41                 | 19      |
| AGI/E         | 179/5            | NUT      | M12 X 1.25  | 60°            | N/A       | -              | -                | 30                 | 17      |
| BGG           | 277              | NUT      | M12 X 1.25  | WOLFRACE       | 22mm      | 17.5mm         | 12.5mm           | 41                 | 21      |
| BGI           | 279              | NUT      | M12 X 1.25  | FLAT           | 22mm      | 17.0mm         | 13.0mm           | 41                 | 21      |
| CGG           | 377              | NUT      | M12 X 1.25  | 60°            | 18mm      | -              | -                | 30.5               | 21      |
| CGG/E         | 377/5            | NUT      | M12 X 1.25  | 60°            | N/A       | -              | -                | 30.5               | 21      |
| CGI           | 379              | NUT      | M12 X 1.25  | NISSAN O/E     | 18mm      | 18.9mm         | 13.0mm           | 41                 | 21      |
| CGI/C         | 379/3            | NUT      | M12 X 1.25  | 60°            | 15mm      | -              | -                | 27                 | 17      |
| CGI/E         | 379/5            | NUT      | M12 X 1.25  | 60°            | N/A       | -              | -                | 30                 | 21      |
| DGG/C*        | 477/3            | NUT      | M12 X 1.25  | 60° SHORT      | 15mm      | -              | -                | 27                 | 17      |
| DGG/F         | 477/6            | NUT      | M12 X 1.25  | 60°            | MK VI     | -              | -                | 20.5               | 17      |
| DGI           | 479              | NUT      | M12 X 1.25  | 60° SUZUKI     | 18mm      | -              | -                | 30.5               | 19      |
| DGI/C*        | 479/3            | NUT      | M12 X 1.25  | 60°            | 15mm      | -              | -                | 27                 | 19      |
| DGI/E Suzuki  | 479/5            | NUT      | M12 X 1.25  | 60°            | N/A       | -              | -                | 30                 | 19      |
| DGI/F         | 479/6            | NUT      | M12 X 1.25  | 60°            | MK VI     | -              | -                | 20.5               | 19      |
| ECGG          | 5377             | NUT X 5  | M12 X 1.25  | 60°            | 18mm      | -              | -                | 30.5               | 21      |
| EDGI          | 5479             | NUT X 5  | M12 X 1.25  | 60° SUZUKI     | 18mm      | -              | -                | 30.8               | 19      |
| EDGI/E        | 5479/5           | NUT X 5  | M12 X 1.25  | 60° SUZUKI     | N/A       | -              | -                | 30.8               | 19      |
| EFGI          | 5679             | NUT X 5  | M12 X 1.25  | 60°            | 22mm      | 15.8mm         | 7.0mm            | 38                 | 19      |
| EGGI          | 5779             | NUT X 5  | M12 X 1.25  | 60° SUZUKI O/E | 18mm      | 16.5mm         | 16.0mm           | 42                 | 19      |
| EGGI/E        | 5779/5           | NUT X 5  | M12 X 1.25  | 60° SUZUKI O/E | N/A       | 16.5mm         | 16.0mm           | 42                 | 19      |
| EGI           | 579              | NUT      | M12 X 1.25  | 60°            | 12mm      | -              | -                | 26.3               | 19      |
| EGI/E         | 579/5            | NUT      | M12 X 1.25  | 60°            | N/A       | -              | -                | 30                 | 17      |
| EIGI          | 5979             | NUT X 5  | M12 X 1.25  | 60°            | 22mm      | 17.5mm         | 28.0mm           | 52                 | 19      |
| EOGG          | 5077             | NUT X 5  | M12 X 1.25  | 60°            | 18mm      | -              | -                | 34.5               | 21      |
| FGI           | 679              | NUT      | M12 X 1.25  | 60° NISSAN O/E | 22mm      | 15.68mm        | 6.0mm            | 38.5               | 21      |
| GGI           | 779              | NUT      | M12 X 1.25  | 60° SUZUKI O/E | N/A       | 16.5mm         | 16.0mm           | 42                 | 19      |
| GGI/E         | 779/5            | NUT      | M12 X 1.25  | 60° SUZUKI O/E | N/A       | 16.5mm         | 16.0mm           | 42                 | 19      |
| HGI           | 879              | NUT      | M12 X 1.25  | MAVERICK O/E   | 22mm      | 15.8mm         | 6.0mm            | 39                 | 19      |
| IGI/E Suzuki  | 979/5            | NUT      | M12 X 1.25  | 60°            | N/A       | -              | -                | 34                 | 19      |
| IGI/E Verdict | 979/5            | NUT      | M12 X 1.25  | 60°            | N/A       | -              | -                | 30                 | 19      |
| OFB           | 062              | NUT      | M12 X 1.25  | PEUGEOT O/E    | 22mm      | -              | -                | 36                 | 19      |
| OGG           | 077              | NUT      | M12 X 1.25  | 60°            | 18mm      | -              | -                | 34.5               | 21      |
| OGG/C         | 077/3            | NUT      | M12 X 1.25  | 60°            | 18mm      | -              | -                | 34.5               | 21      |
| OIGI          | 079              | NUT      | M12 X 1.25  | 60°            | 22mm      | -              | -                | 34.5               | 19      |

\*DACROMET \*\*GEOMET \*\*\*CORROLUB \*\*\*\*ZINC NICKEL \*\*\*\*\*BLACK ZINC CR = CHROME

# LOCKING WHEEL NUTS & BOLTS SPECIFICATION LIST

## M12 X 1.5 Nuts

| AIP PART NO.        | TRILOCK PART NO. | NUT/BOLT | THREAD SIZE | SEAT TYPE                  | CAPS (mm) | SHANK DIA.(mm) | SHANK LENGTH(mm) | OVERALL LENGTH(mm) | KEY HEX |
|---------------------|------------------|----------|-------------|----------------------------|-----------|----------------|------------------|--------------------|---------|
| AFI                 | 169              | NUT      | M12 X 1.5   | RADIUS                     | 22mm      | -              | -                | 30.5               | 17      |
| AGA                 | 171              | NUT      | M12 X 1.5   | 60° (SHORT)                | 18mm      | -              | -                | 30.5               | 21      |
| AGA/E               | 171/5            | NUT      | M12 X 1.5   | 60° (SHORT)                | N/A       | -              | -                | 30.5               | 21      |
| AGA/ECR Daihatsu    | 171/5            | NUT      | M12 X 1.5   | 60° (SHORT)                | N/A       | -              | -                | 30.5               | 21      |
| AGA/E****Toyota     | 171/5            | NUT      | M12 X 1.5   | 60° (SHORT)                | N/A       | -              | -                | 30.5               | 21      |
| AGA/E2****Colt      | 171/5 2          | NUT      | M12 X 1.5   | 60° (SHORT)                | N/A       | -              | -                | 30.5               | 21      |
| AGA/E****Hyundai    | 171/5            | NUT      | M12 X 1.5   | 60° (SHORT)                | N/A       | -              | -                | 30.5               | 21      |
| AGA/E Kia           | 171/5            | NUT      | M12 X 1.5   | 60° (SHORT)                | N/A       | -              | -                | 30.5               | 21      |
| AGA/EC (Chrome) Kia | 171/5            | NUT      | M12 X 1.5   | 60° (SHORT)                | N/A       | -              | -                | 30.5               | 21      |
| AGF                 | 176              | NUT      | M12 X 1.5   | WOLFRACE                   | 22mm      | 17.5mm         | 12.5mm           | 40.5               | 21      |
| AGO                 | 170              | NUT      | M12 X 1.5   | ROVER O/E                  | 22mm      | -              | -                | 30.0               | 19      |
| AGO/E               | 170/5            | NUT      | M12 X 1.5   | ROVER O/E                  | N/A       | -              | -                | 34.5               | 19      |
| AHB                 | 182              | NUT      | M12 X 1.5   | FLAT 28.5                  | 18mm      | 19.0mm         | 13.0mm           | 37.5               | 19      |
| AHO                 | 180              | NUT      | M12 X 1.5   | FORD O/E                   | 22mm      | -              | -                | 41                 | 19      |
| BFI/C               | 269/3            | NUT      | M12 X 1.5   | RADIUS                     | 15mm      | -              | -                | 22                 | 21      |
| BGA                 | 271              | NUT      | M12 X 1.5   | 60°                        | 22mm      | -              | -                | 27.5               | 21      |
| BGA/A               | 271/1            | NUT      | M12 X 1.5   | LEXUS                      | 22mm      | -              | -                | 48                 | 21      |
| BGF                 | 276              | NUT      | M12 X 1.5   | 60°                        | 22mm      | 15.68mm        | 6.6mm            | 34                 | 21      |
| BGO                 | 270              | NUT      | M12 X 1.5   | 60°                        | 18mm      | -              | -                | 30                 | 19      |
| BGO/E               | 270/5            | NUT      | M12 X 1.5   | 60°                        | N/A       | -              | -                | 30                 | 19      |
| BHB                 | 282              | NUT      | M12 X 1.5   | TOYOTA O/E FLAT            | 12mm      | 18.4mm         | 10.0mm           | 35                 | 21      |
| BHB/E Toyota        | 282/5            | NUT      | M12 X 1.5   | TOYOTA O/E FLAT            | N/A       | 18.4mm         | 10.0mm           | 35                 | 21      |
| BHO                 | 280              | NUT      | M12 X 1.5   | FORD O/E                   | 12mm      | -              | -                | 31                 | 19      |
| BIO                 | 290              | NUT      | M12 X 1.5   | FLAT                       | 18mm      | 17.0mm         | 14.0mm           | 42                 | 21      |
| CFI/B               | 369/2            | NUT      | M12 X 1.5   | RADIUS                     | 15mm      | -              | -                | 22                 | 19      |
| CFI/C               | 369/3            | NUT      | M12 X 1.5   | RADIUS                     | 15mm      | -              | -                | 22                 | 19      |
| CFI/E               | 369/5            | NUT      | M12 X 1.5   | RADIUS                     | 15mm      | -              | -                | 22                 | 19      |
| CGA/C****           | 371/3            | NUT      | M12 X 1.5   | 60°                        | 15mm      | -              | -                | 27.5               | 19      |
| CGF/C               | 376/3            | NUT      | M12 X 1.5   | 60°                        | 18mm      | 15.0mm         | 5.0mm            | 33                 | 19      |
| CGO/B               | 370/2            | NUT      | M12 X 1.5   | 60°                        | 15mm      | -              | -                | 27                 | 19      |
| CHB                 | 382              | NUT      | M12 X 1.5   | TOYOTA O/E FLAT            | 12mm      | 18.4mm         | 11.7mm           | 36                 | 21      |
| CHB/E****Toyota     | 382/5            | NUT      | M12 X 1.5   | TOYOTA O/E FLAT            | N/A       | 18.4mm         | 11.7mm           | 36                 | 21      |
| CHB/E Toyota CR     | 382/5            | NUT      | M12 X 1.5   | TOYOTA O/E FLAT            | N/A       | 18.4mm         | 11.7mm           | 36                 | 21      |
| CIO                 | 390              | NUT      | M12 X 1.5   | FLAT                       | 22mm      | 15.87mm        | 19.0mm           | 45                 | 19      |
| DGA/C****           | 471/3            | NUT      | M12 X 1.5   | 60°                        | 15mm      | -              | -                | 27.5               | 21      |
| DGF                 | 476              | NUT      | M12 X 1.5   | FLAT                       | 22mm      | 18.4mm         | 11.7mm           | 36                 | 19      |
| DGF/E               | 476/5            | NUT      | M12 X 1.5   | FLAT                       | N/A       | 18.4mm         | 11.7mm           | 36                 | 19      |
| DGO                 | 470              | NUT      | M12 X 1.5   | 60°                        | 18mm      | -              | -                | 30.5               | 17      |
| DHB                 | 482              | NUT      | M12 X 1.5   | mitsubishi/TOYOTA O/E FLAT | 22mm      | 18.4mm         | 11.7mm           | 49                 | 21      |
| DHB/E               | 482/5            | NUT      | M12 X 1.5   | mitsubishi/TOYOTA O/E FLAT | N/A       | 18.4mm         | 11.7mm           | 44                 | 21      |
| DHB/E               | 482/5 Toyota**** | NUT      | M12 X 1.5   | TOYOTA OE FLAT             | N/A       | 18.4mm         | 11.7mm           | 44                 | 21      |
| DIO                 | 490              | NUT      | M12 X 1.5   | FLAT TROOPER O/E           | 22mm      | 17.5mm         | 15.0mm           | 38                 | 19      |
| EGO/C               | 570/3            | NUT      | M12 X 1.5   | 60°                        | 15mm      | -              | -                | 23                 | 19      |
| EGA/C****           | 571/3            | NUT      | M12 X 1.5   | 60°                        | 15mm      | -              | -                | 23                 | 21      |
| EGA/F               | 571/6            | NUT      | M12 X 1.5   | 60°                        | MK VI     | -              | -                | 20.5               | 21      |
| EGA/C               | 571/3            | NUT      | M12 X 1.5   | 60°                        | 15mm      | -              | -                | 23                 | 21      |
| EAGA                | 5171             | NUT X 5  | M12 X 1.5   | 60°                        | 18mm      | -              | -                | 30.5               | 21      |
| EAGA/E              | 5171/5           | NUT X 5  | M12 X 1.5   | 60°                        | N/A       | -              | -                | 30.5               | 21      |
| EAGF                | 5176             | NUT X5   | M12 X 1.5   | WOLFRACE                   | 18mm      | 17.5mm         | 12.5mm           | 40.5               | 21      |
| EBGO                | 5270             | NUT/BOLT | M12 X 1.5   | 60°4 X NUT 1 X 086         | 18mm      | -              | -                | 30.5/50.0          | 19      |
| EBGO/C              | 5270/3           | NUT/BOLT | M12 X 1.5   | 60°4 X NUT 1 X 086         | 15mm      | -              | -                | 26.5               | 19      |
| EBGA/A              | 5271/1           | NUT X 5  | M12 X 1.5   | 60°LEXUS O/E               | 22mm      | -              | -                | 48                 | 21      |
| EBHB                | 5282             | NUT X 5  | M12 X 1.5   | TOYOTA O/E FLAT            | 12mm      | 18.4mm         | 10.0mm           | 35                 | 21      |
| EBHB/E****Toyota    | 5282/5           | NUT X 5  | M12 X 1.5   | TOYOTA O/E FLAT            | N/A       | 18.4mm         | 10.0mm           | 35                 | 21      |
| ECFI/B              | 5369/2           | NUT X 5  | M12 X 1.5   | RADIUS                     | 15mm      | -              | -                | 22                 | 19      |
| ECHB/E              | 5382/2           | NUT X 5  | M12 X 1.5   | TOYOTA O/E FLAT            | N/A       | 18.4mm         | 11.7mm           | 36                 | 21      |
| ECHB/E 2****Toyota  | 5382/5 1         | NUT X 5  | M12 X 1.5   | FLAT                       | N/A       | 18.4mm         | 11.7mm           | 36                 | 21      |
| EDGA/C              | 5471/3           | NUT X 5  | M12 X 1.5   | 60°                        | 15mm      | -              | -                | 27.5               | 21      |
| EDGF                | 5476             | NUT/BOLT | M12 X 1.5   | 60°DAIHATSU O/E            | 18mm      | 17.5mm         | 7.0mm            | 34.5               | 21      |
| EDHB                | 5482             | NUT X 5  | M12 X 1.5   | mitsubishi/TOYOTA O/E FLAT | 22mm      | 18.4mm         | 11.7mm           | 49                 | 21      |
| EDHB/E              | 5482/5           | NUT X 5  | M12 X 1.5   | mitsubishi/TOYOTA O/E      | N/A       | 18.4mm         | 11.7mm           | 44                 | 21      |

\*DACROMET \*\*GEOMET \*\*\*CORROLUB \*\*\*\*ZINC NICKEL \*\*\*\*\*BLACK ZINC CR = CHROME

# LOCKING WHEEL NUTS & BOLTS SPECIFICATION LIST

## M12 X 1.5 Nuts - continued

| AIP PART NO.      | TRILOCK PART NO.  | NUT/BOLT | THREAD SIZE | SEAT TYPE        | CAPS (mm) | SHANK DIA.(mm) | SHANK LENGTH(mm) | OVERALL LENGTH(mm) | KEY HEX |
|-------------------|-------------------|----------|-------------|------------------|-----------|----------------|------------------|--------------------|---------|
| EDHB/E            | 5482/5 Toyota**** | NUT X 5  | M12 X 1.5   | TOYOTA O/E       | N/A       | 18.4mm         | 11.7mm           | 44                 | 21      |
| EDHB A2           | 5482/1 2          | NUT/BOLT | M12 X 1.5   | MITSUBISHI O/E   | 22mm      | 18.4mm         | 11.7mm           | 49.0/52.0          | 21      |
| EDHB/AE           | 5482/1 5          | NUT/BOLT | M12 X 1.5   | MITSUBISHI O/E   | 22mm      | 18.4mm         | 11.7mm           | 49.0/52.0          | 21      |
| EDIO              | 5490              | NUT/BOLT | M12 X 1.5   | TROOPER/FRONT    | 22mm      | 17.5mm         | 15.0mm           | 38                 | 19      |
| EEGA/C            | 5571/3            | NUT X 5  | M12 X 1.5   | 60°              | 15mm      | -              | -                | 23                 | 21      |
| EEGF              | 5576              | NUT/BOLT | M12 X 1.5   | 60°DAIHATSU O/E  | 12mm      | 17.5mm         | 28.0mm           | 51.5               | 21      |
| EEHB              | 5582              | NUT X 5  | M12 X 1.5   | FLAT             | 18mm      | 18.0mm         | 12.0mm           | 40                 | 21      |
| EFFC              | 5663              | NUT X 5  | M12 X 1.5   | RADIUS           | 22mm      | -              | -                | 34                 | 22      |
| EGIO              | 5790              | NUT X 5  | M12 X 1.5   | FLAT             | 18mm      | 17.5mm         | 30.0mm           | 58                 | 19      |
| EHB               | 582               | NUT      | M12 X 1.5   | FLAT             | 18mm      | 18.0mm         | 12.0mm           | 40                 | 21      |
| EHB/E             | 582/5             | NUT      | M12 X 1.5   | MITSUBISHI O/E   | N/A       | 18.5mm         | 10.0mm           | 37                 | 21      |
| EIIO              | 5990              | NUT X 5  | M12 X 1.5   | FLAT             | 22mm      | 17.5mm         | 35.0mm           | 58                 | 21      |
| EOFI              | 5069              | NUT X 5  | M12 X 1.5   | RADIUS           | N/A       | -              | -                | 30.5               | 19      |
| EOGA              | 5071              | NUT X 5  | M12 X 1.5   | 60°              | 22mm      | -              | -                | 34.5               | 21      |
| EOGA/E            | 5071/5            | NUT X 5  | M12 X 1.5   | 60°              | N/A       | -              | -                | 34.5               | 21      |
| EOGA/E****Toyota  | 5071/5            | NUT X 5  | M12 X 1.5   | 60°              | N/A       | -              | -                | 34.5               | 21      |
| EOGO              | 5070              | NUT X 5  | M12 X 1.5   | 60°              | 18mm      | -              | -                | 22                 | 19      |
| EEHB/EA2          | 5582/5 A2         | NUT/BOLT | M12 X 1.5   | MITSUBISHI O/E   | N/A       | 18.5mm         | 13.0mm           | 37                 | 21      |
| EFGA              | 5671              | NUT/BOLT | M12 X 1.5   | 60°DAIHATSU O/E  | 22mm      | -              | -                | 34.5               | 21      |
| FFC               | 663               | NUT      | M12 X 1.5   | RADIUS           | 22mm      | -              | -                | 34                 | 22      |
| FGO/C             | 670/3             | NUT      | M12 X 1.5   | 60°              | 15mm      | -              | -                | 27.5               | 17      |
| FHB               | 682               | NUT      | M12 X 1.5   | 60°              | 12mm      | 17.5mm         | 32.0mm           | 55                 | 21      |
| FHO/B             | 680/2             | NUT      | M12 X 1.5   | ROVER O/E        | 15mm      | -              | -                | 30                 | 19      |
| FHO/E             | 680/5             | NUT      | M12 X 1.5   | FORD O/E         | N/A       | -              | -                | 28.5               | 19      |
| FIO               | 690               | NUT      | M12 X 1.5   | FLAT             | 22mm      | 17.5mm         | 19.0mm           | 47                 | 19      |
| FIO/A             | 690/1             | NUT      | M12 X 1.5   | FLAT DAHATSU O/E | 22mm      | 17.0mm         | 19.0mm           | 47                 | 21      |
| FIO/B             | 690/2             | NUT      | M12 X 1.5   | 60°              | 22mm      | 17.5mm         | 16.0mm           | 47                 | 21      |
| GGO/E             | 770/5             | NUT      | M12 X 1.5   | VOLVO O/E 60°    | N/A       | -              | -                | 31.5               | 19      |
| GGO/I****Volvo    | 770/IX            | NUT      | M12 X 1.5   | VOLVO O/E 60°    | N/A       | -              | -                | 30.5               | 19      |
| GGA/E             | 771/5 Hyundai     | NUT      | M12 X 1.5   | 60°              | N/A       | -              | -                | 37                 | 21      |
| GGA/E 2           | 771/5 2           | NUT      | M12 X 1.5   | 60°              | N/A       | -              | -                | 37                 | 21      |
| GHB               | 782               | NUT      | M12 X 1.5   | FLAT             | 12mm      | 18.4mm         | 10.0mm           | 35                 | 19      |
| GHB/E             | 782/5             | NUT      | M12 X 1.5   | FLAT             | N/A       | 18.4mm         | 10.0mm           | 35                 | 19      |
| GHO/B             | 780/2             | NUT      | M12 X 1.5   | FORD O/E         | 15mm      | -              | -                | 30                 | 19      |
| GHO/E             | 780/5             | NUT      | M12 X 1.5   | ROVER O/E        | N/A       | -              | -                | 36                 | 19      |
| GIO               | 790               | NUT      | M12 X 1.5   | FLAT             | 18mm      | 17.5mm         | 30.0mm           | 58                 | 19      |
| HIO               | 890               | NUT      | M12 X 1.5   | FLAT             | 18mm      | 17.5mm         | 44.0mm           | 67                 | 19      |
| IGO/G Chevrolet   | 970/7             | NUT      | M12 X 1.5   | 60°              | -         | -              | -                | 29.5               | 19      |
| IGO/G MAG GM      | 970/7             | NUT      | M12 X 1.5   | 60°              | -         | -              | -                | 29.5               | 19      |
| IHO/D*            | 980/4             | NUT      | M12 X 1.5   | FORD O/E         | N/A       | -              | -                | 27                 | 19      |
| IHO/E             | 980/5             | NUT      | M12 X 1.5   | FORD O/E         | N/A       | -              | -                | 28.5               | 19      |
| IIO               | 990               | NUT      | M12 X 1.5   | FLAT             | 22mm      | 17.5mm         | 35.0mm           | 58                 | 19      |
| IIO/A             | 990/1             | NUT      | M12 X 1.5   | FLAT DAHATSU     | 22mm      | 17.0mm         | 35.0mm           | 63                 | 21      |
| OFI               | 069               | NUT      | M12 X 1.5   | RADIUS           | 22mm      | -              | -                | 30.5               | 19      |
| OGA/EC(chrome)Kia | 071/5             | NUT      | M12 X 1.5   | 60°              | -         | -              | -                | 34.5               | 21      |
| OGO               | 070               | NUT      | M12 X 1.5   | 60°              | 18mm      | -              | -                | 34.5               | 19      |
| OGO/A             | 070/1             | NUT      | M12 X 1.5   | 60°LONG 171      | 22mm      | -              | -                | 34.5               | 19      |
| OGO/D*            | 070/4             | NUT      | M12 X 1.5   | 60° FORD O/E     | N/A       | -              | -                | 22                 | 19      |
| OGO/E             | 070/5             | NUT      | M12 X 1.5   | 60°              | N/A       | -              | -                | 34.5               | 19      |
| OGO/E Cadillac    | 070/5             | NUT      | M12 X 1.5   | 60°              | N/A       | -              | -                | 34.5               | 19      |
| OGO/E Chevrolet   | 070/5             | NUT      | M12 X 1.5   | 60°              | N/A       | -              | -                | 34.5               | 19      |
| OGO/ECR GM        | 070/5             | NUT      | M12 X 1.5   | 60°              | N/A       | -              | -                | 34.5               | 19      |
| OGA               | 071               | NUT      | M12 X 1.5   | 60°              | 22mm      | -              | -                | 34.5               | 21      |
| OGA/E             | 071/5             | NUT      | M12 X 1.5   | 60°              | N/A       | -              | -                | 34.5               | 21      |
| OGA/E Hyundai     | 071/5             | NUT      | M12 X 1.5   | 60°              | N/A       | -              | -                | 34.5               | 21      |
| OGA/E Kia         | 071/5             | NUT      | M12 X 1.5   | 60°              | N/A       | -              | -                | 34.5               | 21      |
| OGA/E****Toyota   | 071/5             | NUT      | M12 X 1.5   | 60°              | N/A       | -              | -                | 34.5               | 21      |
| OGF               | 076               | NUT      | M12 X 1.5   | WOLFRACE         | 18mm      | 16.3mm         | 12.5mm           | 40.5               | 19      |
| OHB               | 082               | NUT      | M12 X 1.5   | TOYOTA O/E FLAT  | 12mm      | 18.4mm         | 10.0mm           | 35                 | 21      |
| OHO               | 080               | NUT      | M12 X 1.5   | FORD O/E         | 12mm      | -              | -                | 31                 | 19      |
| OIO               | 090               | NUT      | M12 X 1.5   | FLAT             | 22mm      | 17mm           | 14mm             | 41.7               | 19      |

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# LOCKING WHEEL NUTS & BOLTS SPECIFICATION LIST

## M14 X 1.5 Nuts

| AIP PART NO.    | TRILOCK PART NO. | NUT/BOLT | THREAD SIZE | SEAT TYPE          | CAPS (mm) | SHANK DIA.(mm) | SHANK LENGTH(mm) | OVERALL LENGTH(mm) | KEY HEX |
|-----------------|------------------|----------|-------------|--------------------|-----------|----------------|------------------|--------------------|---------|
| AIB             | 192              | NUT      | M14 X 1.5   | 60°                | 22mm      | -              | -                | 34.5               | 19      |
| BIB             | 292              | NUT/BOLT | M14 X 1.5   | RADIUS (VW TRANS)  | 22mm      | -              | -                | 35.0/49.5          | 19      |
| CIB             | 392              | NUT      | M14 X 1.5   | FLAT               | 18mm      | 21.9mm         | 11.0mm           | 42.6               | 22      |
| EFC/C           | 563/3            | NUT X 4  | M14 X 1.5   | R/ROVER 95-        | 25mm      | 29.0mm         | 19.0mm           | 50                 | 27      |
| EEFC/C          | 5563/3           | NUT X 5  | M14 X 1.5   | NEW R/ROVER O/E 95 | 25mm      | 29.0mm         | 19.0mm           | 50                 | 27      |
| EIB/G SY UK     | 592/5 11         | NUT      | M14 X 1.5   | 60°                | N/A       | -              | -                | 24                 | 21      |
| FIB/C           | 692/3            | NUT      | M14 X 1.5   | 60°                | 15mm      | -              | -                | 27                 | 19      |
| FIB/E           | 692/5            | NUT      | M14 X 1.5   | 60°                | N/A       | -              | -                | 34.5               | 21      |
| GFC/E           | 763/5            | NUT      | M14 X 1.5   | R/ROVER O/E        | N/A       | 20.0mm         | 19.5mm           | 40                 | 22      |
| GIB/C           | 792/3            | NUT      | M14 X 1.5   | 60°                | 15mm      | -              | -                | 27                 | 19      |
| HFC/E           | 863/5            | NUT      | M14 X 1.5   | L/R O/E            | N/A       | 22.5mm         | 19.5mm           | 45.5               | 22      |
| HGO/EMAG GM     | 870/5            | NUT      | M14 X 1.5   | 60°                | N/A       | -              | -                | 41                 | 22      |
| HGO/GMAG GM     | 870/7            | NUT      | M14 X 1.5   | 60°                | N/A       | -              | -                | 24.5               | 22      |
| HIB/E           | 892/5            | NUT      | M14 X 1.5   | 60° Washer L/R O/E | N/A       | -              | -                | 37.5               | 21      |
| HHB/E****Toyota | 882/5            | NUT      | M14 X 1.5   | FLAT               | N/A       | 22.0mm         | 12.4mm           | 48.5               | 22      |
| IHB/E****Toyota | 982/5            | NUT      | M14 X 1.5   | FLAT               | N/A       | 22.0mm         | 12.4mm           | 48.5               | 21      |
| OIB             | 092              | NUT      | M14 X 1.5   | RADIUS             | 22mm      | -              | -                | 34.5               | 19      |

## M14 X 2.0 Nuts

| AIP PART NO. | TRILOCK PART NO. | NUT/BOLT | THREAD SIZE | SEAT TYPE     | CAPS (mm) | SHANK DIA.(mm) | SHANK LENGTH(mm) | OVERALL LENGTH(mm) | KEY HEX |
|--------------|------------------|----------|-------------|---------------|-----------|----------------|------------------|--------------------|---------|
| DIB/E        | 492/5            | NUT      | M14 X 2.0   | 60° - TRANSIT | N/A       | -              | -                | 34.5               | 19      |
| IIB/G        | 992/7            | NUT      | M14 X 2.0   | FLAT TRANSIT  | N/A       | -              | -                | 22                 | 21      |

## M16 X 1.5 Nuts

| AIP PART NO. | TRILOCK PART NO. | NUT/BOLT | THREAD SIZE | SEAT TYPE         | CAPS (mm) | SHANK DIA.(mm) | SHANK LENGTH(mm) | OVERALL LENGTH(mm) | KEY HEX |
|--------------|------------------|----------|-------------|-------------------|-----------|----------------|------------------|--------------------|---------|
| OFC          | 063              | NUT      | M16 X 1.5   | R/ROVER STEEL     | 25mm      | -              | -                | 40                 | 27      |
| OFC/C        | 063/3            | NUT      | M16 X 1.5   | R/ROVER STEEL     | 25mm      | -              | -                | 33                 | 27      |
| AFC          | 163              | NUT      | M16 X 1.5   | R/ROVER O/E ALLOY | 25mm      | 29.0mm         | 19.0mm           | 49                 | 27      |
| AFC/C        | 163/3            | NUT      | M16 X 1.5   | R/ROVER O/E ALLOY | 25mm      | 29.0mm         | 19.0mm           | 50                 | 27      |
| AFC/C1       | 163/3 1          | NUT X 1  | M16 X 1.5   | R/ROVER           | 25mm      | 29.0mm         | 19.0mm           | 50                 | 27      |
| BFC          | 263              | NUT      | M16 X 1.5   | WOLFRACE R/ROVER  | 25mm      | 21.0mm         | 15.0mm           | 57                 | 27      |
| EOFC         | 5063             | NUT X 5  | M16 X 1.5   | LAND ROVER O/E    | 25mm      | -              | -                | 40                 | 27      |
| E AFC        | 5163             | NUT X 5  | M16 X 1.5   | R/ROVER O/E       | 25mm      | 29.0mm         | 19.0mm           | 49.0/40.0          | 27      |
| E AFC/C      | 5163/3           | NUT X 5  | M16 X 1.5   | R/ROVER O/E       | 25mm      | 29.0mm         | 19.0mm           | 50                 | 27      |
| E AFC/CAA    | 5163/3           | NUT X 5  | M16 X 1.5   | R/ROVER O/E       | 25mm      | 29.0mm         | 19.0mm           | 50                 | 27      |

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# LOCKING WHEEL NUTS & BOLTS SPECIFICATION LIST

## M12 X 1.25 Bolts

| AIP PART NO.   | TRILOCK PART NO. | NUT/ BOLT | THREAD SIZE       | SEAT TYPE       | CAPS (mm) | SHANK DIA.(mm) | SHANK LENGTH(mm) | OVERALL LENGTH(mm) | KEY HEX |
|----------------|------------------|-----------|-------------------|-----------------|-----------|----------------|------------------|--------------------|---------|
| AHA            | 181              | BOLT      | M12 X 1.25 X 20   | 60°             | 12mm      | -              | -                | 44                 | 17      |
| BHA            | 281              | BOLT      | M12 X 1.25 X 20   | 60°             | 12mm      | -              | -                | 47.5               | 17      |
| OHA            | 081              | BOLT      | M12 X 1.25 X 20   | 60°             | 12mm      | -              | -                | 47.5               | 19      |
| AFF            | 166              | BOLT      | M12 X 1.25 X 22   | 60°             | 12mm      | -              | -                | 47                 | 17      |
| CHA/C          | 381/3            | BOLT      | M12 X 1.25 X 22   | 60°             | 15mm      | -              | -                | 46                 | 19      |
| CHA/E          | 381/5            | BOLT      | M12 X 1.25 X 22   | 60°             | N/A       | -              | -                | 48                 | 19      |
| DHA/E****      | 481/5            | BOLT      | M12 X 1.25 X 22   | 60°             | N/A       | -              | -                | 48                 | 17      |
| DHA/E**** Fiat | 481/5            | BOLT      | M12 X 1.25 X 22   | 60°             | N/A       | -              | -                | 48                 | 17      |
| DHA/E**** Alfa | 481/5            | BOLT      | M12 X 1.25 X 22   | 60°             | N/A       | -              | -                | 48                 | 17      |
| DHA/C*         | 481/3            | BOLT      | M12 X 1.25 X 22   | 60°             | 12mm      | -              | -                | 47                 | 17      |
| FFF            | 666              | BOLT      | M12 X 1.25 X 23.5 | PEUGEOT O/E     | 12mm      | -              | -                | 64                 | 19      |
| FFF/E          | 666/5            | BOLT      | M12 X 1.25 X 23.5 | PEUGEOT O/E     | N/A       | -              | -                | 64                 | 19      |
| GFF            | 766              | BOLT      | M12 X 1.25 X 23.5 | PEUGEOT/CITROEN | 18mm      | -              | -                | 64                 | 17      |
| GFF/E          | 766/5            | BOLT      | M12 X 1.25 X 23.5 | PEUGEOT/CITROEN | N/A       | -              | -                | 64                 | 17      |
| BFF            | 266              | BOLT      | M12 X 1.25 X 26   | 60°             | 12mm      | -              | -                | 51                 | 17      |
| BFF/E          | 266/5            | BOLT      | M12 X 1.25 X 26   | 60°             | N/A       | -              | -                | 51                 | 17      |
| CFF/C*         | 366/3            | BOLT      | M12 X 1.25 X 26   | 60°             | 15mm      | -              | -                | 51.5               | 17      |
| OFF            | 066              | BOLT      | M12 X 1.25 X 26   | 60°             | 12mm      | -              | -                | 51                 | 19      |
| OFF/C          | 066/3            | BOLT      | M12 X 1.25 X 26   | 60°             | 12mm      | -              | -                | 51.5               | 19      |
| OFF/E          | 066/5            | BOLT      | M12 X 1.25 X 26   | 60°             | N/A       | -              | -                | 51                 | 19      |
| DFF            | 466              | BOLT      | M12 X 1.25 X 29   | 60°             | N/A       | -              | -                | 54                 | 19      |
| AGC            | 173              | BOLT      | M12 X 1.25 X 31   | 60°             | 12mm      | -              | -                | 56.5               | 19      |
| AGC/E          | 173/5            | BOLT      | M12 X 1.25 X 31   | 60°             | N/A       | -              | -                | 57.5               | 19      |
| CGC/C          | 373/3            | BOLT      | M12 X 1.25 X 31   | 60°             | 15mm      | -              | -                | 54.5               | 17      |
| AGC/C          | 173/3            | BOLT      | M12 X 1.25 X 31   | 60°             | 12mm      | -              | -                | 57.5               | 19      |
| AFG            | 167              | BOLT      | M12 X 1.25 X 35   | FLAT            | 18mm      | -              | -                | 73                 | 19      |
| OFG            | 067              | BOLT      | M12 X 1.25 X 35   | FLAT            | 18mm      | -              | -                | 61                 | 19      |
| OFG/C          | 067/3            | BOLT      | M12 X 1.25 X 35   | FLAT            | 18mm      | -              | -                | 61                 | 19      |
| OFG/E          | 067/5            | BOLT      | M12 X 1.25 X 35   | FLAT            | N/A       | -              | -                | 61                 | 19      |
| OGC            | 073              | BOLT      | M12 X 1.25 X 35   | 60°             | 12mm      | -              | -                | 61                 | 19      |
| BGC            | 273              | BOLT      | M12 X 1.25 X 40   | 60°             | 12mm      | -              | -                | 65                 | 19      |
| BGC/C          | 273/3            | BOLT      | M12 X 1.25 X 40   | 60°             | 12mm      | -              | -                | 65                 | 19      |
| BFG            | 267              | BOLT      | M12 X 1.25 X 44   | FLAT            | 18mm      | -              | -                | 71                 | 19      |

## M12 X 1.5 Bolts

| AIP PART NO.  | TRILOCK PART NO. | NUT/ BOLT | THREAD SIZE    | SEAT TYPE      | CAPS (mm) | SHANK DIA.(mm) | SHANK LENGTH(mm) | OVERALL LENGTH(mm) | KEY HEX |
|---------------|------------------|-----------|----------------|----------------|-----------|----------------|------------------|--------------------|---------|
| DHG           | 487              | BOLT      | M12 X 1.5 X 19 | 60°            | 12mm      | -              | -                | 43                 | 17      |
| CHD           | 384              | BOLT      | M12 X 1.5 X 20 | RADIUS         | 12mm      | -              | -                | 42                 | 17      |
| CHD/E*        | 384/5            | BOLT      | M12 X 1.5 X 20 | RADIUS         | N/A       | -              | -                | 42                 | 17      |
| CHG           | 387              | BOLT      | M12 X 1.5 X 20 | 60°            | 12mm      | -              | -                | 45                 | 19      |
| CHG/C*        | 387/3            | BOLT      | M12 X 1.5 X 20 | 60°SCOTFORD    | 15mm      | -              | -                | 47                 | 19      |
| HFF/E         | 866/5            | BOLT      | M12 X 1.5 X 21 | PEUGEOT O/E    | N/A       | -              | -                | 53                 | 17      |
| AHG/E         | 187/5Fiat****    | BOLT      | M12 X 1.5 X 22 | 60° GM O/E     | N/A       | -              | -                | 47.5               | 17      |
| OGH           | 078              | BOLT      | M12 X 1.5 X 22 | WOLFRACE       | 12mm      | 16.27mm        | 12.5mm           | 55.5               | 19      |
| AHG           | 187              | BOLT      | M12 X 1.5 X 23 | 60° GM O/E     | 12mm      | -              | -                | 47.5               | 17      |
| AHG/C         | 187/3            | BOLT      | M12 X 1.5 X 23 | 60° GM O/E     | MKIV      | -              | -                | 47.5               | 17      |
| AHG/D         | 187/4            | BOLT      | M12 X 1.5 X 23 | 60° GM O/E     | MKIV      | -              | -                | 46                 | 17      |
| AHG/E         | 187/5            | BOLT      | M12 X 1.5 X 23 | 60° GM O/E     | N/A       | -              | -                | 46                 | 17      |
| AHG/E GM      | 187/5            | BOLT      | M12 X 1.5 X 23 | 60° GM O/E     | N/A       | -              | -                | 46                 | 17      |
| AHG/E ***Saab | 187/5            | BOLT      | M12 X 1.5 X 23 | 60° GM O/E     | N/A       | -              | -                | 46                 | 17      |
| AHG/E Suzuki  | 187/5            | BOLT      | M12 X 1.5 X 23 | 60°            | N/A       | -              | -                | 46                 | 17      |
| BHG           | 287              | BOLT      | M12 X 1.5 X 23 | 60° GM O/E     | 12mm      | -              | -                | 46                 | 19      |
| BHG/E         | 287/5            | BOLT      | M12 X 1.5 X 23 | 60° GM O/E     | N/A       | -              | -                | 46                 | 19      |
| III/E         | 999/5            | BOLT      | M12 X 1.5 X 23 | FLAT           | N/A       | -              | -                | 35                 | 19      |
| OAA/E         | 011/5            | BOLT      | M12 X 1.5 X 23 | RADIUS (short) | N/A       | -              | -                | 42                 | 15      |

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# LOCKING WHEEL NUTS & BOLTS SPECIFICATION LIST

## M12 X 1.5 Bolts - continued

| AIP PART NO.   | TRILOCK PART NO. | NUT/ BOLT | THREAD SIZE      | SEAT TYPE            | CAPS (mm) | SHANK DIA.(mm) | SHANK LENGTH(mm) | OVERALL LENGTH(mm) | KEY HEX |
|--|------------------|-----------|------------------|----------------------|-----------|----------------|------------------|--------------------|---------|
| OAA/E Smart  | -                | BOLT      | M12 X 1.5 X 23   | RADIUS (short)       | N/A       | -              | -                | 42                 | 15      |
| OHG  | 087              | BOLT      | M12 X 1.5 X 23   | 60° GM O/E           | 12mm      | -              | -                | 47.5               | 21      |
| EHF/E  | 586/5            | BOLT      | M12 X 1.5 X 25   | 60° RENAULT O/E      | N/A       | -              | -                | 50                 | 17/19   |
| CHF  | 386              | BOLT      | M12 X 1.5 X 24   | FORD O/E 60°         | 12mm      | -              | -                | 58                 | 19      |
| AHF  | 186              | BOLT      | M12 X 1.5 X 25   | RADIUS               | 12mm      | -              | -                | 42                 | 17      |
| AHF/C  | 186/3            | BOLT      | M12 X 1.5 X 25   | RADIUS               | 12mm      | -              | -                | 42                 | 17      |
| AHF/E  | 186/5            | BOLT      | M12 X 1.5 X 25   | RADIUS               | N/A       | -              | -                | -                  | 17      |
| BHF  | 286              | BOLT      | M12 X 1.5 X 25   | RADIUS               | 12mm      | -              | -                | 48                 | 19      |
| GHF/E  | 786/5            | BOLT      | M12 X 1.5 X 25   | RADIUS               | N/A       | -              | -                | 44                 | 19      |
| OGD  | 074              | BOLT      | M12 X 1.5 X 25   | 60°                  | 12mm      | -              | -                | 50                 | 17      |
| OGD/C  | 074/3            | BOLT      | M12 X 1.5 X 25   | 60°                  | 12mm      | -              | -                | 50.5               | 17      |
| OGD/D  | 074/4            | BOLT      | M12 X 1.5 X 25   | 60°                  | N/A       | -              | -                | 54.5               | 17      |
| OGD/E  | 074/5            | BOLT      | M12 X 1.5 X 25   | 60°                  | N/A       | -              | -                | 50.5               | 17      |
| OGD/E Lotus  | 074/5            | BOLT      | M12 X 1.5 X 25   | 60°                  | N/A       | -              | -                | 50.5               | 17      |
| OHF  | 086              | BOLT      | M12 X 1.5 X 25   | 60°                  | 12mm      | -              | -                | 50                 | 19      |
| OHF/C*   | 086/3            | BOLT      | M12 X 1.5 X 25   | 60°                  | 12mm      | -              | -                | 50.5               | 19      |
| OHF/D  | 086/4            | BOLT      | M12 X 1.5 X 25   | 60°                  | N/A       | -              | -                | 50                 | 19      |
| OHF/E  | 086/5            | BOLT      | M12 X 1.5 X 25   | 60°                  | N/A       | -              | -                | 49                 | 19      |
| OGD/E  | 074/5            | BOLT      | M12 X 1.5 X 26   | 60°                  | N/A       | -              | -                | 51                 | 17      |
| OHF FORD   | 086              | BOLT      | M12 X 1.5 X 26   | FORD O/E             | 12mm      | -              | -                | 50.5               | 19      |
| AHH/C  | 188/3            | BOLT      | M12 X 1.5 X 27   | 60° GM O/E           | 15mm      | -              | -                | 52                 | 19      |
| EHG  | 587              | BOLT      | M12 X 1.5 X 27   | 60°                  | 12mm      | -              | -                | 51                 | 19      |
| HHC  | 883              | BOLT      | M12 X 1.5 X 27   | 60°                  | 18mm      | -              | -                | 72                 | 17      |
| IHC/E Lotus  | 983/5            | BOLT      | M12 X 1.5 X 27.5 | 60° + WASHER         | N/A       | -              | -                | 52                 | 17      |
| AHD  | 184              | BOLT      | M12 X 1.5 X 28   | RADIUS               | 12mm      | -              | -                | 50                 | 19      |
| OHD/C  | 084/3            | BOLT      | M12 X 1.5 X 28   | RADIUS               | 12mm      | -              | -                | 50                 | 17      |
| OGE  | 075              | BOLT      | M12 X 1.5 X 30   | 60°                  | 12mm      | -              | -                | 54.5               | 17      |
| OGE/C  | 075/3            | BOLT      | M12 X 1.5 X 30   | 60°                  | N/A       | -              | -                | 54.5               | 17      |
| OGE/E  | 075/5            | BOLT      | M12 X 1.5 X 30   | 60°                  | N/A       | -              | -                | 50.5               | 17      |
| OHH  | 088              | BOLT      | M12 X 1.5 X 30   | 60°                  | 12mm      | -              | -                | 54.5               | 19      |
| FHD  | 684              | BOLT      | M12 X 1.5 X 35   | RADIUS               | 12mm      | -              | -                | 55                 | 17      |
| OHC  | 083              | BOLT      | M12 X 1.5 X 35   | 60°                  | 12mm      | -              | -                | 60                 | 17      |
| AHC  | 183              | BOLT      | M12 X 1.5 X 40   | 60°                  | 12mm      | -              | -                | 65                 | 17      |
| BHC  | 283              | BOLT      | M12 X 1.5 X 40   | 60°                  | 12mm      | -              | -                | 65                 | 19      |
| BHD  | 284              | BOLT      | M12 X 1.5 X 40   | RADIUS               | 12mm      | -              | -                | 61                 | 17      |
| BHD/C  | 284/3            | BOLT      | M12 X 1.5 X 40   | RADIUS               | 12mm      | -              | -                | 61                 | 17      |
| BHD/E  | 284/5            | BOLT      | M12 X 1.5 X 40   | RADIUS               | N/A       | -              | -                | 61                 | 17      |
| DHC  | 483              | BOLT      | M12 X 1.5 X 40   | 60°                  | 18mm      | -              | -                | 89                 | 17      |
| DHC/C  | 483/3            | BOLT      | M12 X 1.5 X 40   | 60°                  | 18mm      | -              | -                | 89                 | 17      |
| IHD  | 984              | BOLT      | M12 X 1.5 X 40   | RADIUS               | 12mm      | -              | -                | 62                 | 19      |
| IHD/E  | 984/5            | BOLT      | M12 X 1.5 X 40   | RADIUS               | N/A       | -              | -                | 61                 | 19      |
| DHD  | 484              | BOLT      | M12 X 1.5 X 42   | MERC OE LONG         | 12mm      | -              | -                | 93                 | 17      |
| EHD  | 584              | BOLT      | M12 X 1.5 X 42   | RADIUS               | 12mm      | -              | -                | 85                 | 17      |
| GHD  | 784              | BOLT      | M12 X 1.5 X 44   | RADIUS               | 12mm      | -              | -                | 64                 | 17      |
| CHC  | 383              | BOLT      | M12 X 1.5 X 45   | 60°                  | 12mm      | -              | -                | 70                 | 17      |
| EHC  | 583              | BOLT      | M12 X 1.5 X 58   | 60°                  | 18mm      | -              | -                | 100.5              | 17      |
| FHF  | 686              | BOLT      | M12 X 1.5X 80/25 | 60° MERC O/E         | 12mm      | -              | -                | 80                 | 17      |
| HHH  | 884              | BOLT      | M12 X 1.5X 80/25 | RAD MERC AFTER       | 18mm      | -              | -                | 69                 | 17      |
| BIA/A  | 291/1            | BOLT      | M12 X 1.5 X 52   | VW SPECIAL           | 12mm      | -              | -                | 68.6               | 19      |
| <i>Spare wheel bolt - Flat seat for steel spare wheel only, NOT to be used on wheel hub.</i> |                  |           |                  |                      |           |                |                  |                    |         |
| BIA/AA   | 291/11           | BOLT      | M12 X 1.5 X 90.5 | VW SPECIAL           | 12mm      | -              | -                | 108                | 19      |
| <i>Spare wheel bolt - Flat seat for alloy spare wheel only, NOT to be used on wheel hub.</i> |                  |           |                  |                      |           |                |                  |                    |         |
| BIA/AB   | 291/12           | BOLT      | M12 X 1.5 X 90.5 | VW SPECIAL-CARAVELLE | 12 mm     | -              | -                | 108                | 19      |
| <i>Spare wheel bolt - Flat seat for alloy spare wheel only, NOT to be used on wheel hub.</i> |                  |           |                  |                      |           |                |                  |                    |         |

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# LOCKING WHEEL NUTS & BOLTS SPECIFICATION LIST

## M12 X 1.75 Bolts

| AIP PART NO. | TRILOCK PART NO. | NUT/ BOLT    | THREAD SIZE      | SEAT TYPE | CAPS (mm) | SHANK DIA.(mm) | SHANK LENGTH(mm) | OVERALL LENGTH(mm) | KEY HEX |
|--------------|------------------|--------------|------------------|-----------|-----------|----------------|------------------|--------------------|---------|
| BGD          | 274              | BOLT         | M12 X 1.75 X 21  | 60°       | 12mm      | -              | -                | 50                 | 17      |
| CGD          | 374              | BOLT         | M12 X 1.75 X 27  | 60°       | 12mm      | -              | -                | 52                 | 19      |
| CGD/E        | 374/5            | BOLT         | M12 X 1.75 X 27  | 60°       | N/A       | -              | -                | 52                 | 19      |
| DGD/E 1      | 474/5 1          | BOLT x 1     | M12 X 1.75 X 29  | 60°       | N/A       | -              | -                | 51                 | 19      |
| BHF/E1       | 286/5 1          | ALKO BOLT X1 | M12 X 1.75 X 107 | FLAT      | N/A       | -              | -                | 115                | 19      |
| BHF/E2       | 286/5 2          | ALKO BOLT X2 | M12 X 1.75 X 107 | FLAT      | N/A       | -              | -                | 115                | 19      |

## M14 X 1.25 Bolts

| AIP PART NO. | TRILOCK PART NO. | NUT/ BOLT | THREAD SIZE   | SEAT TYPE | CAPS (mm) | SHANK DIA.(mm) | SHANK LENGTH(mm) | OVERALL LENGTH(mm) | KEY HEX |
|--------------|------------------|-----------|---------------|-----------|-----------|----------------|------------------|--------------------|---------|
| EGD/E****    | 574/5            | BOLT      | M14 X 25 X 26 | 60°       | N/A       | -              | -                | 43                 | 17      |

## M14 X 1.5 Bolts

| AIP PART NO.   | TRILOCK PART NO. | NUT/ BOLT | THREAD SIZE      | SEAT TYPE     | CAPS (mm) | SHANK DIA.(mm) | SHANK LENGTH(mm) | OVERALL LENGTH(mm) | KEY HEX |
|----------------|------------------|-----------|------------------|---------------|-----------|----------------|------------------|--------------------|---------|
| FIA            | 691              | BOLT      | M14 X 1.5 X 20   | RADIUS        | 12mm      | -              | -                | 40                 | 19      |
| GIA            | 791              | BOLT      | M14 X 1.5 X 20   | 60°           | 12mm      | -              | -                | 44.5               | 19      |
| FII/E**        | 669/5            | BOLT      | M14 X 1.5 X 21   | VW O/E        | N/A       | -              | -                | 58                 | 17      |
| FHE            | 685              | BOLT      | M14 X 1.5 X 24   | RADIUS        | 12mm      | -              | -                | 46                 | 17      |
| AIA            | 191              | BOLT      | M14 X 1.5 X 24.5 | RADIUS        | 12mm      | -              | -                | 46                 | 19      |
| AIA/E          | 191/5            | BOLT      | M14 X 1.5 X 25   | RADIUS        | N/A       | -              | -                | 44                 | 19      |
| BHE            | 285              | BOLT      | M14 X 1.5 X 25   | 60°           | 12mm      | -              | -                | 50                 | 19      |
| BHE/C          | 285/3            | BOLT      | M14 X 1.5 X 25   | 60°           | 15mm      | -              | -                | 50                 | 19      |
| BHE/E          | 285/5            | BOLT      | M14 X 1.5 X 25   | 60°           | N/A       | -              | -                | 50                 | 19      |
| DII/E          | 499/5            | BOLT      | M14 X 1.5 X 25   | 60°           | N/A       | -              | -                | 50                 | 17      |
| EHA/E Alfa**** | 581/5            | BOLT      | M14 X 1.5 X 25   | 60°           | N/A       | -              | -                | 49.5               | 17      |
| GII/E Verdict  | 799/5            | BOLT      | M14 X 1.5 X 25   | 60°           | N/A       | -              | -                | 50                 | 17      |
| AII            | 199              | BOLT      | M14 X 1.5 X 27   | RADIUS        | 12mm      | -              | -                | 50                 | 19      |
| AII/E          | 199/5            | BOLT      | M14 X 1.5 X 27   | RADIUS        | N/A       | -              | -                | 50                 | 19      |
| BEI/E****      | 259/5            | BOLT      | M14 X 1.5 X 27   | 60°           | N/A       | -              | -                | 52                 | 17      |
| OHE            | 085              | BOLT      | M14 X 1.5 X 27   | RADIUS        | 12mm      | -              | -                | 50                 | 17      |
| OHE/C          | 085/3            | BOLT      | M14 X 1.5 X 27   | RADIUS        | 12mm      | -              | -                | 50                 | 17      |
| OHE/E          | 085/5            | BOLT      | M14 X 1.5 X 27   | RADIUS        | N/A       | -              | -                | 47                 | 17      |
| OHE/E Audi     | 085/5            | BOLT      | M14 X 1.5 X 27   | RADIUS        | N/A       | -              | -                | 47                 | 17      |
| OHE/E VW       | 085/5            | BOLT      | M14 X 1.5 X 27   | RADIUS        | N/A       | -              | -                | 47                 | 17      |
| OHE/E Seat     | 085/5            | BOLT      | M14 X 1.5 X 27   | RADIUS        | N/A       | -              | -                | 47                 | 17      |
| OHE/E Skoda    | 085/5            | BOLT      | M14 X 1.5 X 27   | RADIUS        | N/A       | -              | -                | 47                 | 17      |
| OIA            | 091              | BOLT      | M14 X 1.5 X 27   | RADIUS        | 12mm      | -              | -                | 48.7               | 19      |
| OII            | 099              | BOLT      | M14 X 1.5 X 27   | AUDI O/E      | 12mm      | -              | -                | 47                 | 17      |
| OII/E          | 099/5            | BOLT      | M14 X 1.5 X 27   | AUDI O/E      | N/A       | -              | -                | 47                 | 17      |
| CHE/E*         | 385/5            | BOLT      | M14 X 1.5 X 28   | RADIUS        | N/A       | -              | -                | 47                 | 17      |
| CHE/E***       | 385/5            | BOLT      | M14 X 1.5 X 28   | RADIUS        | N/A       | -              | -                | 47                 | 17      |
| CII/E          | 399/5            | BOLT      | M14 X 1.5 X 28   | PEUGEOT O/E   | N/A       | -              | -                | 52                 | 19      |
| ECHE/E*        | 5385/5           | BOLT x 5  | M14 X 1.5 X 28   | RADIUS        | N/A       | -              | -                | 47                 | 17      |
| OID/E**        | 094/5            | BOLT      | M14 X 1.5 X 28.5 | 60°           | N/A       | -              | -                | 58                 | 21      |
| EHE/E2         | 585/5            | BOLT      | M14 X 1.5 X 29   | 60°           | N/A       | -              | -                | 58                 | 24      |
| EHE/EA         | 585/5 1          | BOLT      | M14 X 1.5 X 29   | 60°           | N/A       | -              | -                | 58                 | 19      |
| AHE            | 185              | BOLT      | M14 X 1.5 X 30   | 60°           | 12mm      | -              | -                | 55                 | 19      |
| AHE/E          | 185/5            | BOLT      | M14 X 1.5 X 30   | 60°           | N/A       | -              | -                | 55                 | 19      |
| HHE/C          | 885/3            | BOLT      | M14 X 1.5 X 30   | 60°           | 12mm      | -              | -                | 58.5               | 17      |
| CEI/E****      | 359/5            | BOLT      | M14 X 1.5 X 32   | VOLVO O/E 60° | N/A       | -              | -                | 55                 | 19      |

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# LOCKING WHEEL NUTS & BOLTS SPECIFICATION LIST

## M14 X 1.5 Bolts - continued

| AIP PART NO. | TRILOCK PART NO. | NUT/ BOLT | THREAD SIZE    | SEAT TYPE         | CAPS (mm) | SHANK DIA.(mm) | SHANK LENGTH(mm) | OVERALL LENGTH(mm) | KEY HEX |
|--------------|------------------|-----------|----------------|-------------------|-----------|----------------|------------------|--------------------|---------|
| CEI/E Volvo  | 359/5            | BOLT      | M14 X 1.5 X 32 | VOLVO O/E 60°     | N/A       | -              | -                | 55                 | 19      |
| CEI/ECR      | 359/5            | BOLT      | M14 X 1.5 X 32 | VOLVO O/E 60°     | N/A       | -              | -                | 55                 | 19      |
| FHA/E**      | 681/5            | BOLT      | M14 X 1.5 X 34 | DUCATO/BOXER      | N/A       | -              | -                | 66                 | 24      |
| IIA/D*       | 991/4            | BOLT      | M14 X 1.5 X 34 | RADIUS GALAXY O/E | N/A       | -              | -                | 57.5               | 19      |
| BIA/E        | 291/5            | BOLT      | M14 X 1.5 X 35 | RADIUS            | N/A       | -              | -                | 55                 | 19      |
| CIA          | 391              | BOLT      | M14 X 1.5 X 35 | VW O/E            | 12mm      | -              | -                | 62                 | 19      |
| CIA/E        | 391/5            | BOLT      | M14 X 1.5 X 35 | VW O/E            | N/A       | -              | -                | 55                 | 19      |
| HHA/C        | 781/3            | BOLT      | M14 X 1.5 X 35 | 60°               | 15mm      | -              | -                | 57.5               | 19      |
| HHA/E*       | 881/5            | BOLT      | M14 X 1.5 X 35 | 60°               | N/A       | -              | -                | 65                 | 22      |
| IHE          | 985              | BOLT      | M14 X 1.5 X 35 | RADIUS            | 12mm      | -              | -                | 57.5               | 17      |
| BIA          | 291              | BOLT      | M14 X 1.5 X 35 | RADIUS            | 12mm      | -              | -                | 56.3               | 19      |
| CEI/E        | 359/5            | BOLT      | M14 X 1.5 X 35 | 60° VOLVO O/E     | N/A       | -              | -                | 55                 | 19      |
| BII/E        | 299/5            | BOLT      | M14 X 1.5 X 36 | VW O/E            | N/A       | -              | -                | 66                 | 19      |
| DHE          | 485              | BOLT      | M14 X 1.5 X 40 | RADIUS            | 12mm      | -              | -                | 60                 | 17      |
| HIA          | 891              | BOLT      | M14 X 1.5 X 40 | 60°               | 12mm      | -              | -                | 63.5               | 19      |
| DIA          | 491              | BOLT      | M14 X 1.5 X 44 | RADIUS            | 12mm      | -              | -                | 67                 | 19      |
| EIA/E*       | 591/5            | BOLT      | M14 X 1.5 X 44 | RADIUS            | N/A       | -              | -                | 64                 | 17      |
| EEIA/E*      | 5591/5           | BOLT X 5  | M14 X 1.5 X 44 | RADIUS            | N/A       | -              | -                | 64                 | 17      |
| EDIA         | 5491             | BOLTS X 5 | M14 X 1.5 X 44 | RADIUS            | 12mm      | -              | -                | 67                 | 19      |
| EII/E        | 599/5            | BOLT      | M14 X 1.5 X 52 | RADIUS            | N/A       | -              | -                | 72                 | 19      |
| GHE          | 785              | BOLT      | M14 X 1.5 X 69 | RADIUS            | 12mm      | -              | -                | 90                 | 17      |

## M16 X 1.5 Bolts

| AIP PART NO. | TRILOCK PART NO. | NUT/ BOLT | THREAD SIZE    | SEAT TYPE    | CAPS (mm) | SHANK DIA.(mm) | SHANK LENGTH(mm) | OVERALL LENGTH(mm) | KEY HEX |
|--------------|------------------|-----------|----------------|--------------|-----------|----------------|------------------|--------------------|---------|
| AID/E**      | 194              | BOLT      | M16 X 1.5 X 30 | 60°          | N/A       | -              | -                | 59.5               | 21      |
| HHA/C        | 881/3            | BOLT      | M16 X 1.5 X 33 | 60°          | 15mm      | -              | -                | 57.5               | 19      |
| GHA/C        | 781/3            | BOLT      | M16 X 1.5 X 35 | 60°          | 15mm      | -              | -                | 62                 | 19      |
| GHA/E**      | 781/5            | BOLT      | M16 X 1.5 X 34 | DUCATO/BOXER | N/A       | -              | -                | 66                 | 24      |
| FGHA/E**     | 6781/5           | BOLT X 6  | M16 X 1.5 X 34 | DUCATO/BOXER | N/A       | -              | -                | 66                 | 24      |
| IHA/E*       | 981/5            | BOLT      | M16 X 1.5 X 35 | 60°          | N/A       | -              | -                | 65                 | 22      |

## M20 X 2.5 Bolts

| AIP PART NO. | TRILOCK PART NO. | NUT/ BOLT            | THREAD SIZE      | SEAT TYPE | CAPS (mm) | SHANK DIA.(mm) | SHANK LENGTH(mm) | OVERALL LENGTH(mm) | KEY HEX |
|--------------|------------------|----------------------|------------------|-----------|-----------|----------------|------------------|--------------------|---------|
| DHF/E4****   | 486/5 4          | ALKO STUD            | M20 X 2.5 X 31   | N/A       | N/A       | -              | -                | 31                 | 19      |
| DHF/E5****   | 486/5 5          | ALKO BOLT X 1        | M20 X 2.5 X 43.5 | FLAT      | N/A       | -              | -                | 55                 | 19      |
| DHF/E1****   | 486/5 1          | ALKO BOLT X 1        | M20 X 2.5 X 63   | FLAT      | N/A       | -              | -                | 77                 | 19      |
| DHF/E2****   | 486/5 2          | ALKO BOLT X 1 FORGED | M20 X 2.5 X 63   | FLAT      | N/A       | -              | -                | 77                 | 19      |
| DHF/E3       | 486/5 3          | ALKO BOLT X 1        | M20 X 2.5 X 66.5 | FLAT      | N/A       | -              | -                | 81                 | 19      |

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