

Wheel Service Products ↻

Impact Sockets | Socket Sets | Wheel Torque Products
Wheel Centering Products | Wheel & Rim Dismounting Tools
Wheel Attaching Hardware | Tire & Wheel Service Tools



➔ 1/2" DR Impact Socket Sets



Impact Socket Sets

1/2" DR 13-PIECE SAE SET

▪ **INCLUDES THE FOLLOWING SIZES:**
7/16", 1/2", 9/16", 5/8", 11/16",
3/4", 13/16", 7/8", 15/16",
1", 1-1/16", 1-1/8", 1-1/4"

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--------------------------|
| 163-01150 | 1150 | 1/2" DR 13-Piece SAE Set |



163-01150

1/2" DR 13-PIECE DEEP SET

▪ **INCLUDES THE FOLLOWING SIZES:**
7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16",
7/8", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---------------------------|
| 163-01151 | 1151D | 1/2" DR 13-Piece Deep Set |



163-01151

1/2" DR 14-PIECE METRIC STANDARD SET

▪ **INCLUDES THE FOLLOWING SIZES:** 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 21mm, 22mm, 26mm, 27mm

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--------------------------------------|
| 163-01152 | 1152M | 1/2" DR 14-Piece Metric Standard Set |



163-01152

1/2" DR 14-PIECE METRIC DEEP SET

▪ **INCLUDES THE FOLLOWING SIZES:** 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 21mm, 22mm, 26mm, 27mm

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|----------------------------------|
| 163-01153 | 1153MD | 1/2" DR 14-Piece Metric Deep Set |



163-01153

1/2" DR 29-PIECE METRIC AND SAE 6 POINT DEEP IMPACT SOCKET SET

▪ **INCLUDES THE FOLLOWING SIZES:** 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8" and 1-1/4" deep sockets ▪ 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 26 and 27mm deep sockets ▪ 3/4" x 13/16" deep and 19mm x 21mm deep flip sockets



163-05153

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--|
| 163-05153 | 1153DD | 1/2" DR 29-Piece Metric and SAE 6 Point Deep Impact Socket Set |

1/2" DR. 4-PIECE FLANK BITE DAMAGED NUT REMOVER SOCKET SET

▪ **INCLUDES THE FOLLOWING SIZES:** 17mm, 19mm, 21mm, 22mm

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 163-22219 | 122019K2 | 1/2" DR 4-Piece Flank Bite Damaged Nut Remover Socket Set |



163-22219

1/2" DR 3-PIECE FLIP IMPACT SOCKET SET

▪ **CR-MO steel for long life** ▪ Fully guaranteed ▪ Heavy duty blow mold case ▪ **CONTAINS THE FOLLOWING SIZES:** 3/4" x 13/16" - 1246DT, 19mm x 21mm - 1291DT

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 167-12030 | 1203D | 1/2" Drive 3-Piece Flip Impact Socket Set |



167-12030



WHEEL SERVICE PRODUCTS // IMPACT SOCKETS





➔ 1/2" DR, 3/4" DR, 1" DR Impact Socket Sets

1/2" DR 5-PIECE DEEP THIN WALL FLIP SET

▪ **INCLUDES THE FOLLOWING SIZES:** 3/4" x 13/16", 19mm x 21mm, 7/8" x 15/16", 17mm x 19mm, 3" extension



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 167-12050 | 1205D | 1/2" DR 5-Piece Deep Thin Wall Flip Set |

167-12050

3/4" DR 5-PIECE METRIC STANDARD TRUCK SET

▪ **INCLUDES THE FOLLOWING SIZES:** 4 pts. budd wheel standard length, 17mm, 27mm, 30mm, 33mm, 35mm standard



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 164-02185 | 2185M | 3/4" DR 5-Piece Metric Standard Truck Set |

164-02185

1/2" DR 5-PIECE 1/2 SIZE FLIP SOCKET SET

▪ **Made from durable chromoly steel** ▪ Coated with a rust and corrosion resistant black oxide finish ▪ Sizes are laser etched on each socket ▪ Blow molded case
 ▪ **CONTAINS THE FOLLOWING SIZES:** 18.5mm x 19.5mm, 21mm x 21.5mm, 21.5mm x 22.5mm, 22mm x 22.5mm, extractor punch



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--|
| 167-12051 | 000524 | 1/2" DR 5-Piece 1/2 Size Flip Socket Set |

167-12051

3/4" DR 4-PIECE BUDD WHEEL SOCKET SET

▪ **INCLUDES THE FOLLOWING SIZES:** 1-1/2" hex x 13/16" square budd wheel impact socket, 35mm x 17mm square budd wheel impact socket, 41mm x 21mm square budd wheel impact socket and 33mm deep



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---------------------------------------|
| 164-04626 | 4626 | 3/4" DR 4-Piece Budd Wheel Socket Set |

164-04626

1" DR 5-PIECE BUDD WHEEL SOCKET SET

▪ **INCLUDES THE FOLLOWING SIZES:** 1-1/2" hex x 13/16" square budd wheel impact socket, 35mm x 17mm square budd wheel impact socket, 38mm x 20mm square budd wheel impact socket, 41mm x 21mm square budd wheel impact socket and 33mm deep impact socket



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-------------------------------------|
| 165-05626 | 5626 | 1" DR 5-Piece Budd Wheel Socket Set |

165-05626

3/4" DR 10-PIECE TRUCK SET

▪ **INCLUDES THE FOLLOWING SIZES:** 13/16" Square Socket, 1-1/16", 1-1/8", 1-1/4" Thin Wall Deep Sockets, 1-1/2" Budd Wheel Socket, 17mm & 21mm Square Socket, 33mm, 35mm & 41mm Deep Sockets



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|----------------------------|
| 164-02110 | 2110 | 3/4" DR 10-Piece Truck Set |

164-02110

3/4" DR 8-PIECE SAE DEEP SET

▪ **INCLUDES THE FOLLOWING SIZES:** 1", 1-1/16", 1-1/8", 1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2"



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|------------------------------|
| 164-02181 | 2181D | 3/4" DR 8-Piece SAE Deep Set |

164-02181

Please call us for more detailed information regarding our **SOCKET SETS**.

WHEEL SERVICE PRODUCTS // IMPACT SOCKETS

➔ 1" DR, #5 Spline DR Impact Socket Sets & Twist Socket Set



Impact Socket Sets (cont.)

1" DR 7-PIECE METRIC TRUCK SET

▪ **INCLUDES THE FOLLOWING SIZES:**
17mm, 21mm, 4 pts. budd wheel standard length, 27mm, 33mm, 36mm, 41mm deep



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--------------------------------|
| 165-03197 | 3197M | 1" DR 7-Piece Metric Truck Set |

165-03197

1" DR 9-PIECE OTR & TRUCK SOCKET SET

▪ **INCLUDES THE FOLLOWING SIZES:**
13/16" & 15/16" square, 33mm, 1-1/2", 1-5/8", 1-3/4", 1-7/8", 2" & 2-1/2" deep sockets



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--------------------------------------|
| 165-03119 | 3119 | 1" DR 9-Piece Large Truck Socket Set |

165-03119

1" DR 10-PIECE TRUCK SET

▪ **INCLUDES THE FOLLOWING SIZES:** 13/16" square, 1-1/16", 1-1/8", 1-1/4" thin wall deep, 1-1/2" deep with inside lip, 17mm & 21mm square with inside lip, 33mm, 35mm & 41mm deep



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--------------------------|
| 165-03110 | 3110 | 1" DR 10-Piece Truck Set |

165-03110

1" DR 9-PIECE SAE TRUCK SET

▪ **INCLUDES THE FOLLOWING SIZES:**
13/16", 4 points budd wheel standard length, 7/8", 15/16", 1", 1-3/16", 1-1/2" deep with inside lip, 1-1/16", 1-1/8", 1-1/4" thin wall deep



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-----------------------------|
| 165-03190 | 3190 | 1" DR 9-Piece SAE Truck Set |

165-03190

#5 SPLINE DR 9-PIECE SAE TRUCK SET

▪ **INCLUDES THE FOLLOWING SIZES:**
13/16", 4 points budd wheel standard length, 7/8", 15/16", 1", 1-3/16", 1-1/2" deep with inside lip, 1-1/16", 1-1/8", 1-1/4" thin wall deep



166-04191

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|------------------------------------|
| 166-04191 | 4191 | #5 Spline DR 9-Piece SAE Truck Set |

4-PIECE IMPACT ADAPTER SOCKET SET

▪ **CR-MO steel for long life** ▪ Heavy duty blow mold case ▪ **CONTAINS THE FOLLOWING SIZES:** 1/2" (F) x 3/4" (M) adapter, 3/4" (F) x 1" (M) adapter, 3/4" (F) x 1/2" (M) adapter, 1" (F) x 3/4" (M) adapter



169-01234

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-----------------------------------|
| 169-01234 | 1234A | 4-Piece Impact Adapter Socket Set |

5-PIECE 1/2" DR TWIST SOCKET SET

▪ **Designed to easily remove damaged, rounded nuts** ▪ CR-MO steel for long life ▪ *Use with 1/2" drive impact wrench or breaker bar* ▪ Heavy duty blow molded case ▪ **INCLUDES:** 17mm, 19mm, 21mm & 22mm twist sockets plus a 50mm extractor punch



492-00502

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-------------------------------------|
| 492-00502 | TSS5 | 5-Piece 1/2" Drive Twist Socket Set |





➔ 1/2" DR Impact Socket Sets, 1/2" DR Wheel Protector Socket Set

1/2" DR MASTER 39-PIECE SAE IMPACT SOCKET SET

▪ **CR-MO alloy steel for long life** ▪ Fully guaranteed
 ▪ Heavy duty blow mold case ▪ **19 STANDARD SOCKETS:** 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16" and 1-1/2" ▪ **19 DEEP SOCKETS:** 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", 1-3/16", 1-1/4", 1-5/16", 1-3/8", 1-7/16" and 1-1/2" Universal



CR-MO ALLOY STEEL FOR LONG LIFE

163-02668

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 163-02668 | 2668 | 1/2" DR Master 39-Piece SAE Impact Socket Set |

1/2" DR MASTER 39-PIECE METRIC IMPACT SOCKET SET

▪ **CR-MO alloy steel for long life** ▪ Fully guaranteed
 ▪ Heavy duty blow mold case ▪ **19 STANDARD SOCKETS:** 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 26mm, 27mm and 30mm ▪ **19 DEEP SOCKETS:** 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm, 26mm, 27mm and 30mm Universal Joint



CR-MO ALLOY STEEL FOR LONG LIFE

163-02669

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--|
| 163-02669 | 2669 | 1/2" DR Master 39-Piece Metric Impact Socket Set |

1/2" DR EXTRA THIN WALL 9-PIECE SAE & METRIC WHEEL PROTECTOR SOCKET SET

▪ **Durable outer sleeve and insert protects high polished wheels and lug nuts from damage** ▪ CR-MO alloy steel for long life ▪ Fully guaranteed ▪ Heavy duty blow mold case ▪ **INCLUDES 6 SAE SOCKETS:** 3/4" (light green), 13/16" (purple), 7/8" (green), 15/16" (brown), 1" (silver) and 1-1/16" (black) ▪ **INCLUDES 3 METRIC SOCKETS:** 17mm (blue), 19mm (yellow) and 21mm (red)



CR-MO ALLOY STEEL FOR LONG LIFE

DURABLE OUTER SLEEVE & INSERT

163-02849

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 163-02849 | 2849 | 1/2" DR Extra Thin Wall 9-Piece SAE & Metric Wheel Protector Socket Set |

REPLACEMENT SOCKETS FOR 2849 SET

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---------------------|
| 163-28492 | 28492 | 1/2"x3/4" Socket |
| 163-28494 | 28494 | 1/2"x13/16" Socket |
| 163-28496 | 28496 | 1/2"x7/8" Socket |
| 163-28498 | 28498 | 1/2"x15/16" Socket |
| 163-28910 | 284910 | 1/2"x1" Socket |
| 163-28912 | 284912 | 1/2"x1-1/16" Socket |
| 163-28917 | 284917 | 1/2"x17mm Socket |
| 163-28919 | 284919 | 1/2"x19mm Socket |
| 163-28921 | 284921 | 1/2"x21mm Socket |

WHEEL SERVICE PRODUCTS // IMPACT SOCKETS



⚠ **WARNING:** For more information go to www.P65Warnings.ca.gov.

ASCOT SUPPLY CORPORATION

BUYER'S GUIDE

Individual Impact Sockets

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|---------------|----------|---------------------------|
| METRIC | | |
| 163-10100 | 1010M | 1/2" Drive x 10mm Std. |
| 163-10111 | 1011M | 1/2" Drive x 11mm Std. |
| 163-10120 | 1012M | 1/2" Drive x 12mm Std. |
| 163-10130 | 1013M | 1/2" Drive x 13mm Std. |
| 163-10142 | 1014M | 1/2" Drive x 14mm Std. |
| 163-10150 | 1015M | 1/2" Drive x 15mm Std. |
| 163-10162 | 1016M | 1/2" Drive x 16mm Std. |
| 163-10170 | 1017M | 1/2" Drive x 17mm Std. |
| 163-10182 | 1018M | 1/2" Drive x 18mm Std. |
| 163-10190 | 1019M | 1/2" Drive x 19mm Std. |
| 163-10210 | 1021M | 1/2" Drive x 21mm Std. |
| 163-10221 | 1022M | 1/2" Drive x 22mm Std. |
| 163-10262 | 1026M | 1/2" Drive x 26mm Std. |
| 163-10270 | 1027M | 1/2" Drive x 27mm Std. |
| SAE | | |
| 163-10140 | 1014 | 1/2" Drive x 7/16" Std. |
| 163-10160 | 1016 | 1/2" Drive x 1/2" Std. |
| 163-10180 | 1018 | 1/2" Drive x 9/16" Std. |
| 163-10200 | 1020 | 1/2" Drive x 5/8" Std. |
| 163-10220 | 1022 | 1/2" Drive x 11/16" Std. |
| 163-10240 | 1024 | 1/2" Drive x 3/4" Std. |
| 163-10260 | 1026 | 1/2" Drive x 13/16" Std. |
| 163-10280 | 1028 | 1/2" Drive x 7/8" Std. |
| 163-01030 | 1030 | 1/2" Drive x 15/16" Std. |
| 163-10320 | 1032 | 1/2" Drive x 1" Std. |
| 163-10340 | 1034 | 1/2" Drive x 1-1/16" Std. |
| 163-10360 | 1036 | 1/2" Drive x 1-1/8" Std. |
| 163-10400 | 1040 | 1/2" Drive x 1-1/4" Std. |

1/2" DR STANDARD IMPACT SOCKETS

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|---------------|----------|-------------------------------------|
| METRIC | | |
| 163-10172 | 1017MEDT | 1/2" Drive x 17mm Extra Thin Wall |
| 163-10191 | 1019MEDT | 1/2" Drive x 19mm Extra Thin Wall |
| 163-10211 | 1021MEDT | 1/2" Drive x 21mm Extra Thin Wall |
| 163-10223 | 1022MEDT | 1/2" Drive x 22mm Extra Thin Wall |
| 163-10230 | 1023MEDT | 1/2" Drive x 23mm Extra Thin Wall |
| SAE | | |
| 163-10241 | 1024EDT | 1/2" Drive x 3/4" Extra Thin Wall |
| 163-10261 | 1026EDT | 1/2" Drive x 13/16" Extra Thin Wall |
| 163-10282 | 1028EDT | 1/2" Drive x 7/8" Extra Thin Wall |

1/2" DR EXTRA THIN WALL IMPACT SOCKETS

1/2" DRIVE 17MM EXTRA THIN WALL DEEP MERCEDES SOCKET

163-10174

- Features a 17mm x 6-point "flower petal design" ■ Suited for rugged impact use and features a detent ball hole in the base to allow for secure attachment to those tools ■ Works on 2012 and newer model year Mercedes Benz S-Class as well as those select 2007 and newer model year CL-Class, GL-Class, GLK-Class, GLS-Class and others that use 17mm convex "flower petal" lug bolts ■ Protective sleeve to prevent damage to the wheel ■ Designed for use with 1/2-Inch Square Drives



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|--|
| 163-10174 | 1017MEDTM | 1/2" Drive 17mm Extra Thin Wall Deep Mercedes socket |

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|---------------|-------------|------------------------------------|
| METRIC | | |
| 163-10101 | 1010MD | 1/2" Drive x 10mm Deep |
| 163-10121 | 1012MD | 1/2" Drive x 12mm Deep |
| 163-10131 | 1013MD | 1/2" Drive x 13mm Deep |
| 163-10143 | 1014MD | 1/2" Drive x 14mm Deep |
| 163-10151 | 1015MD | 1/2" Drive x 15mm Deep |
| 163-10163 | 1016MD | 1/2" Drive x 16mm Deep |
| 163-10171 | 1017MD | 1/2" Drive x 17mm Deep |
| 163-22017 | 122019K2-17 | 1/2" Drive x 17mm Deep |
| 163-01018 | 1018MD | 1/2" Drive x 18mm Deep |
| 163-01019 | 1019MD | 1/2" Drive x 19mm Deep |
| 163-22019 | 122019K2-19 | 1/2" Drive x 19mm Deep |
| 163-01021 | 1021MD | 1/2" Drive x 21mm Deep |
| 163-22021 | 122019K2-21 | 1/2" Drive x 21mm Deep |
| 163-10222 | 1022MD | 1/2" Drive x 22mm Deep |
| 163-22022 | 122019K2-22 | 1/2" Drive x 22mm Deep |
| 163-10263 | 1026MD | 1/2" Drive x 26mm Deep |
| 163-10271 | 1027MD | 1/2" Drive x 27mm Deep |
| 163-10283 | 1028MD | 1/2" Drive x 28mm Deep |
| 163-01032 | 1032MD | 1/2" Drive x 32mm Deep |
| 163-01033 | 1033MD | 1/2" Drive x 33mm Deep |
| SAE | | |
| 163-10141 | 1014D | 1/2" Drive x 7/16" Deep |
| 163-10161 | 1016D | 1/2" Drive x 1/2" Deep |
| 163-10181 | 1018D | 1/2" Drive x 9/16" Deep |
| 163-10201 | 1020D | 1/2" Drive x 5/8" Deep |
| 163-01022 | 1022D | 1/2" Drive x 11/16" Deep |
| 163-01024 | 1024D | 1/2" Drive x 3/4" Deep |
| 163-01026 | 1026D | 1/2" Drive x 13/16" Deep |
| 163-10281 | 1028D | 1/2" Drive x 7/8" Deep |
| 163-10300 | 1030D | 1/2" Drive x 15/16" Deep |
| 163-11032 | 1032D | 1/2" Drive x 1" Deep |
| 163-01034 | 1034D | 1/2" Drive x 1-1/16" Deep |
| 163-01036 | 1036D | 1/2" Drive x 1-1/8" Deep |
| 163-10401 | 1040D | 1/2" Drive x 1-1/4" Deep |
| 163-01048 | 1048D | 1/2" Drive x 1-1/2" Deep |
| 163-15260 | 1526SD | 1/2" Drive x 13/16" Square 8-Point |

1/2" DR DEEP IMPACT SOCKETS

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|---------------|----------|---|
| METRIC | | |
| 167-12110 | 1211D | 1/2" Dr. x 11mm x 12mm Chrome Deep Flip |
| 167-12179 | 1271DT | 1/2" Dr. x 17mm x 19mm Deep Thin Flip |
| 167-12910 | 1291 | 1/2" Dr. x 19mm x 21mm Std. Flip |
| 167-12911 | 1291D | 1/2" Dr. x 19mm x 21mm Deep Flip |
| 167-12912 | 1291DT | 1/2" Dr. x 19mm x 21mm Deep Extra Thin Flip |
| 167-18195 | 1A7535 | 1/2" Dr. x 18.5mm x 19.5mm Deep Flip |
| 167-21215 | 1A7538 | 1/2" Dr/ x 21mm x 21.5mm Deep Flip |
| 167-21225 | 1A7542 | 1/2" Dr. x 21.5mm x 22.5mm Deep Flip |
| 167-22225 | 1A7540 | 1/2" Dr. x 22mm x 22.5mm Deep Flip |
| SAE | | |
| 167-12460 | 1246D | 1/2" Dr. x 3/4" x 13/16" Deep Flip |
| 167-12461 | 1246DT | 1/2" Dr. x 3/4" x 13/16" Deep Extra Thin Flip |
| 167-12490 | 1249D | 1/2" Dr. x 7/8" x 15/16" Deep Flip |
| 167-12510 | 1251D | 1/2" Dr. x 1" x 1-1/16" Deep Flip |

1/2" DR FLIP IMPACT SOCKETS



➔ Individual Impact Sockets

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 164-02017 | 2017MS | 3/4" Drive x 17mm Square |
| 164-02019 | 2019MS | 3/4" Drive x 19mm Square |
| 164-02020 | 2020MS | 3/4" Drive x 20mm Square |
| 164-02021 | 2021MS | 3/4" Drive x 21mm Square |
| 164-02024 | 2024D | 3/4" Drive x 3/4" Deep |
| 164-02026 | 2026S | 3/4" Drive x 13/16" Square |
| 164-02028 | 2028D | 3/4" Drive x 7/8" Deep |
| 164-02030 | 2030 | 3/4" Drive x 15/16" Std. |
| 164-02032 | 2032D | 3/4" Drive x 1" Deep |
| 164-02033 | 2033MD | 3/4" Drive x 33mm Deep |
| 164-02034 | 2034DT | 3/4" Drive x 1-1/16" Deep Thin Wall |
| METRIC | | |
| 164-20270 | 2027M | 3/4" Drive x 27mm Std. |
| 164-20271 | 2027MD | 3/4" Drive x 27mm Deep |
| 164-20301 | 2030M | 3/4" Drive x 30mm Std. |
| 164-20330 | 2033M | 3/4" Drive x 33mm Std. |
| 164-02035 | 2035M | 3/4" Drive x 35mm Std. |
| 164-20350 | 2035MD | 3/4" Drive x 35mm Deep |
| 164-20360 | 2036MD | 3/4" Drive x 36mm Deep |
| 164-02041 | 2041MD | 3/4" Drive x 41mm Deep |
| SAE | | |
| 164-20260 | 2026D | 3/4" Drive x 13/16" Deep |
| 164-20300 | 2030D | 3/4" Drive x 15/16" Deep |
| 164-02036 | 2036DT | 3/4" Drive x 1-1/8" Deep Thin Wall |
| 164-20401 | 2040D | 3/4" Drive x 1-1/4" Deep |
| 164-20402 | 2040DT | 3/4" Drive x 1-1/4" Deep Thin Wall |
| 164-02038 | 2038D | 3/4" Drive x 1-3/16" Deep |
| 164-02042 | 2042D | 3/4" Drive x 1-5/16" Deep |
| 164-02044 | 2044D | 3/4" Drive x 1-3/8" Deep |
| 164-02046 | 2046D | 3/4" Drive x 1-7/16" Deep |
| 164-20480 | 2048 | 3/4" Drive x 1-1/2" Std. |
| 164-20481 | 2048D | 3/4" Drive x 1-1/2" Deep |
| 164-20482 | 2048DR | 3/4" Drive x 1-1/2" Limited Depth |
| 164-02052 | 2052D | 3/4" Drive x 1-5/8" Deep |
| 164-02056 | 2056D | 3/4" Drive x 1-3/4" Deep |
| 164-02060 | 2060D | 3/4" Drive x 1-7/8" Deep |
| 164-02323 | 2323C | 3/4" Drive x 1-1/2" Hex x 13/16" Square |

3/4" DR IMPACT SOCKETS

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|------------|----------|--|
| METRIC | | |
| 166-04033 | 4033MD | #5 Spline x 33mm Deep |
| 166-04035 | 4035MDT | #5 Spline x 35mm Deep Thin Wall |
| 166-04041 | 4041MDT | #5 Spline x 41mm Deep Thin Wall |
| SAE | | |
| 166-04026 | 4026S | #5 Spline x 13/16" Square |
| 166-04034 | 4034DT | #5 Spline x 1-1/16" Deep Thin Wall |
| 166-04036 | 4036D | #5 Spline x 1-1/8" Deep |
| 166-040361 | 4036DT | #5 Spline x 1-1/8" Deep Thin Wall |
| 166-04038 | 4038 | #5 Spline x 1-3/16" Std. |
| 166-04040 | 4040DT | #5 Spline x 1-1/4" Deep Thin Wall |
| 166-04042 | 4042DT | #5 Spline x 1-5/16" Deep Thin Wall |
| 166-04048 | 4048D | #5 Spline x 1-1/2" Deep w/Inside Lip |
| 166-04080 | 4048DT | #5 Spline x 1-1/2" Deep Thin Wall |
| 166-04323 | 4323C | #5 Spline x 13/16" Square x 1-1/2" Hex |

#5 SPLINE DR IMPACT SOCKETS

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-------------------------------------|
| METRIC | | |
| 165-03017 | 3017MS | 1" Drive x 17mm Square |
| 165-03019 | 3019MS | 1" Drive x 19mm Square |
| 165-03020 | 3020MS | 1" Drive x 20mm Square |
| 165-03021 | 3021MS | 1" Drive x 21mm Square |
| 165-03027 | 3027MD | 1" Drive x 27mm Deep |
| 165-03032 | 3030MD | 1" Drive x 30mm Deep |
| 165-03033 | 3033MD | 1" Drive x 33mm Deep |
| 165-03035 | 3035MD | 1" Drive x 35mm Deep |
| 165-03081 | 3038MD | 1" Drive x 38mm Deep |
| 165-30410 | 3041MDT | 1" Drive x 41mm Deep Thin Wall |
| 165-03041 | 3041MD | 1" Drive x 41mm Deep |
| 165-03321 | 3321MC | 1" Drive 41mm x 21mm Square |
| 165-03517 | 3517MC | 1" Drive x 35mm Deep x 17mm Sq. |
| 165-03820 | 3820MC | 1" Drive x 38mm Deep x 20mm Sq. |
| SAE | | |
| 165-03026 | 3026S | 1" Drive x 13/16" Square |
| 165-03030 | 3030S | 1" Drive x 15/16" Square |
| 165-03034 | 3034DT | 1" Drive x 1-1/16" Thin Wall Deep |
| 165-03042 | 3042D | 1" Drive x 1-5/16" Deep |
| 165-03044 | 3044D | 1" Drive x 1-3/8" Deep |
| 165-03046 | 3046D | 1" Drive x 1-7/16" Deep |
| 165-03052 | 3052D | 1" Drive x 1-5/8" Deep |
| 165-03054 | 3054D | 1" Drive x 1-11/16" Deep |
| 165-03056 | 3056D | 1" Drive x 1-3/4" Deep |
| 165-03060 | 3060D | 1" Drive x 1-7/8" Deep |
| 165-03323 | 3323C | 1" Drive 1-1/2" Hex x 13/16" Square |
| 165-30280 | 3028 | 1" Drive x 7/8" Std. |
| 165-30281 | 3028D | 1" Drive x 7/8" Deep |
| 165-30300 | 3030 | 1" Drive x 15/16" Std. |
| 165-30301 | 3030D | 1" Drive x 15/16" Deep |
| 165-30320 | 3032 | 1" Drive x 1" Std. |
| 165-30321 | 3032D | 1" Drive x 1" Deep |
| 165-30361 | 3036D | 1" Drive x 1-1/8" Deep |
| 165-30362 | 3036DT | 1" Drive x 1-1/8" Deep Thin Wall |
| 165-30380 | 3038D | 1" Drive x 1-3/16" Deep |
| 165-30401 | 3040D | 1" Drive x 1-1/4" Deep |
| 165-30402 | 3040DT | 1" Drive x 1-1/4" Deep Thin Wall |
| 165-30420 | 3042DT | 1" Drive x 1-5/16" Deep Thin Wall |
| 165-30481 | 3048D | 1" Drive x 1-1/2" Deep w/Inside Lip |
| 165-30482 | 3048DR | 1" Drive x 1-1/2" Deep - Standard |

1" DR IMPACT SOCKETS

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--------------------------------------|
| 169-01002 | 1002E | 1/4" Drive x 2" Chrome Extension |
| 169-01003 | 1003E | 1/2" Drive x 3" Extension |
| 169-01005 | 1005E | 1/2" Drive x 5" Extension |
| 169-01020 | 1020A | 1/2" Drive Female x 3/4" Male Adapt. |
| 169-02006 | 2006E | 3/4" Drive x 6" Extension |
| 169-02010 | 2010A | 3/4" Drive Female x 1/2" Male Adapt. |
| 169-02030 | 2030A | 3/4" Drive Female x 1" Male Adapt. |
| 169-20100 | 2010E | 3/4" Drive x 10" Extension |
| 169-02013 | 2013E | 3/4" Drive x 13" Extension |
| 169-03006 | 3006E | 1" Drive x 6" Extension |
| 169-03010 | 3010E | 1" Drive x 10" Extension |
| 169-03013 | 3013E | 1" Drive x 13" Extension |
| 169-03020 | 3020A | 1" Drive Female x 3/4" Male Adapt. |
| 169-04010 | 4010A | #5 Spline Female x 3/4" Male Adapt. |
| 169-04020 | 4020A | #5 Spline Female x 1" Male Adapt. |

IMPACT EXTENSIONS & ADAPTERS

WHEEL SERVICE PRODUCTS // IMPACT SOCKETS



⚠️ WARNING: For more information go to www.P65Warnings.ca.gov.

→ Torque Sockets, Torque Extensions

Torque Wrenches & Accessories

PASSENGER CAR AND LIGHT TRUCK TORQUE SOCKETS

▪ **Sockets properly torque wheel nuts to exact factory specs** ▪ Prevents warping of rotors, which causes brake pulsation ▪ Eliminates broken studs and nuts ▪ Avoids damage to aluminum alloy wheels ▪ Stops customer complaints about over-tightened lug nuts ▪ Strobe marks stop turning at the CORRECT torque



495-30322

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|--|
| 495-30322 | KTI30322A | 10-Piece 1/2" Drive Torque Socket Set. SET INCLUDES: Green, Red, Yellow, Blue, Grey, Light Brown, Brown, White, Turquoise, Light Green |
| 495-30323 | KTI30323A | 10-Piece 1/2" Torque Sticks For Auto and Light Truck. SET INCLUDES: Mud, Off-White, Light Yellow, Light Tan, Quartz, Red Orange, Charcoal, Orange, Light Blue, Light Purple |
| 495-30950 | KTI30950 | 5-Piece 1/2" Drive Torque Socket Set. SET INCLUDES: Grey, Light Brown, White, Turquoise, Charcoal |
| 495-30960 | KTI30960 | 6-Piece 1/2" Drive Torque Socket Set. SET INCLUDES: Green, Red, Yellow, Off White, Light Yellow, Orange" |

| ASCOT NO. | MFG. NO. | DESC. | DRIVE | SIZE | TORQUE | OTHER |
|---|-----------|--------------|-------|-------------|-------------|-----------|
| PASSENGER CAR & LIGHT TRUCK TORQUE SOCKETS: KIT CONTENTS | | | | | | |
| 495-30304 | KTI30304A | Green | 1/2" | 17mm | 55 ft./lb. | |
| 495-30305 | KTI30305A | Red | 1/2" | 17mm | 80 ft./lb. | |
| 495-30306 | KTI30306A | Yellow | 1/2" | 19mm (3/4") | 65 ft./lb. | Deep Well |
| 495-30307 | KTI30307A | Blue | 1/2" | 19mm (3/4") | 80 ft./lb. | Deep Well |
| 495-30308 | KTI30308A | Grey | 1/2" | 19mm (3/4") | 100 ft./lb. | |
| 495-30309 | KTI30309A | Black | 1/2" | 21mm | 60 ft./lb. | |
| 495-30310 | KTI30310A | Light Brown | 1/2" | 21mm | 80 ft./lb. | |
| 495-30311 | KTI30311A | Brown | 1/2" | 21mm | 100 ft./lb. | |
| 495-30312 | KTI30312A | White | 1/2" | 22mm (7/8") | 120 ft./lb. | Deep Well |
| 495-30313 | KTI30313A | Turquoise | 1/2" | 22mm (7/8") | 140 ft./lb. | Deep Well |
| 495-30327 | KTI30327A | Light Blue | 1/2" | 22mm (7/8") | 100 ft./lb. | |
| 495-30328 | KTI30328A | Charcoal | 1/2" | 21mm | 147 ft./lb. | Deep Well |
| 495-30329 | KTI30329A | Off White | 1/2" | 17mm | 90 ft./lb. | |
| 495-30334 | KTI30334A | Light Yellow | 1/2" | 17mm | 113 ft./lb. | |
| 495-30336 | KTI30336A | Orange | 1/2" | 22mm (7/8") | 75 ft./lb. | |
| 495-30337 | KTI30337A | Dark Green | 1/2" | 22mm (7/8") | 60 ft./lb. | |
| 495-30338 | KTI30338 | Pearl Copper | 1/2" | 22mm (7/8") | 110 ft./lb. | |
| 495-30339 | KTI30339 | Pink | 1/2" | 22mm (7/8") | 154 ft./lb. | |
| 495-30340 | KTI30340A | Mud | 1/2" | 14mm | 80 ft./lb. | |
| 495-30341 | KTI30341A | Quartz | 1/2" | 19mm (3/4") | 120 ft./lb. | |
| 495-30342 | KTI30342A | Light Tan | 1/2" | 19mm (3/4") | 90 ft./lb. | |
| 495-30343 | KTI30343A | Red Orange | 1/2" | 21mm | 110 ft./lb. | |
| 495-30898 | KTI30898A | Light Purple | 1/2" | 21mm | 160 ft./lb. | |
| 495-30899 | KTI30899A | Light Green | 1/2" | 24mm | 140 ft./lb. | Deep Well |
| 495-30912 | KTI30912 | Purple | 1/2" | 19mm (3/4") | 110 ft./lb. | Deep Well |

HEAVY DUTY TRUCK TORQUE EXTENSIONS



- Heavy duty truck extensions can convert sockets into Torque Sockets
- Available in 3/4" and 1" drives



Heavy Duty Truck Torque Extensions

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 495-16000 | 1600-M | 3/4" Dr. Truck Torque Extension - 475 ft./lb. |
| 495-16001 | 1600-N | 3/4" Dr. Truck Torque Extension - 250 ft./lb. |
| 495-16002 | 1600-Q | 3/4" Dr. Truck Torque Extension - 175 ft./lb. |
| 495-16003 | 1600-U | 3/4" Dr. Truck Torque Extension - 350 ft./lb. |
| 495-16014 | 1600-P | 1" Drive Truck Torque Extension - 475 ft./lb. |
| 495-16015 | 1600-R | 1" Drive Truck Torque Extension - 250 ft./lb. |
| 495-16016 | 1600-S | 1" Drive Truck Torque Extension - 350 ft./lb. |
| 495-16017 | 1600-T | 1" Drive Truck Torque Extension - 175 ft./lb. |



3/4" X 1" X 13" TORQUE WRENCH EXTENSION

169-13413

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 169-13413 | 13413E | 3/4" Dr. x 1" Dr. x 13" Impact Extension |
| 168-12997 | 12297 | 3/4" Drive Block for Flex Hinge Torque Wrench |
| 168-12999 | 12299 | 1" Drive Block for Flex Hinge Torque Wrench |



WHEEL SERVICE PRODUCTS // WHEEL TORQUE PRODUCTS



➔ Torque Sockets, Torque Limiting Socket Set



MEDIUM/HEAVY DUTY TORQUE SOCKETS

- Sockets properly torque wheel nuts to exact factory specs
- Prevents warping of rotors, which causes brake pulsation
- Eliminates broken studs and nuts
- Avoids damage to aluminum alloy wheels
- Stops customer complaints about over-tightened lug nuts
- Strobe marks stop turning at the CORRECT torque
- Includes heavy duty case



495-30400

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|---|
| 495-30400 | KT130400A | 4-Piece Heavy Duty Truck Torque Socket Set. SET INCLUDES: HD Red, HD Brown, HD Black and HD Yellow |
| 495-30940 | KT130940 | 4-Piece 1" Drive Truck Torque Socket Set. SET INCLUDES: 1-1/4" 1" Drive Torque Hex 250 ft./lb. Red, 33mm 1" Drive Torque Hex 475 ft./lb. Brown, 1-1/2" 1" Drive Torque Hex 475 ft./lb. Black; 13/16" 1" Drive Torque Sq. 475 ft./lb. Yellow |

| ASCOT NO. | MFG. NO. | DESC. | DRIVE | SIZE | TORQUE | OTHER |
|---|-----------|-----------|-------|--------|-------------|----------|
| MEDIUM/HEAVY DUTY TORQUE SOCKETS: KIT CONTENTS | | | | | | |
| 495-30908 | KT130908A | HD Red | 1" | 1-1/4" | 250 ft./lb. | |
| 495-30909 | KT130909A | HD Brown | 1" | 33mm | 475 ft./lb. | |
| 495-30910 | KT130910A | HD Black | 1" | 1-1/2" | 475 ft./lb. | |
| 495-30911 | KT130911A | HD Yellow | 1" | 13/16" | 475 ft./lb. | |
| 495-30913 | KT130913A | HD Grey | 1" | 33mm | 550 ft./lb. | |
| 495-30914 | KT130914A | HD Grey | 1" | 33mm | 550 ft./lb. | Extended |
| 495-30918 | KT130918A | HD Red | 3/4" | 1-1/4" | 250 ft./lb. | |
| 495-30919 | KT130919A | HD Brown | 3/4" | 33mm | 475 ft./lb. | |

10-PIECE 1/2" DRIVE TORQUE LIMITING SOCKET SET

- Contains the most popular torque sockets to service the majority of passenger cars and light trucks
- **SET INCLUDES:** All 10 torque sockets listed below
- Lifetime warranty
- Heavy duty blow molded case
- Lug nut torque application chart included



168-02880

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-------------------------------------|
| 168-02880 | 12880 | 10-Piece Torque Limiting Socket Set |

10-PIECE 1/2" DRIVE TORQUE LIMITING SOCKET SET: KIT CONTENTS

| | | |
|-----------|---------|--|
| 168-21755 | 121755M | 1/2" Drive 17mm - 55 ft./lb. Torque Socket - Green |
| 168-21780 | 121780M | 1/2" Drive 17mm - 80 ft./lb. Torque Socket - Red |
| 168-21910 | 121910M | 1/2" Drive 19mm (3/4") - 100 ft./lb. Torque Socket - Gray |
| 168-21965 | 121965M | 1/2" Drive 19mm (3/4") - 65 ft./lb. Torque Socket - Yellow |
| 168-21980 | 121980M | 1/2" Drive 19mm (3/4") - 80 ft./lb. Torque Socket - Blue |
| 168-22180 | 122180M | 1/2" Drive 21mm - 80 ft./lb. Torque socket - Light Brown |
| 168-22212 | 122212M | 1/2" Drive 22mm (7/8") - 120 ft./lb. Torque Socket - White |
| 168-22214 | 122214M | 1/2" Drive 22mm (7/8") - 140 ft./lb. Torque Socket - Turquoise |
| 168-22610 | 122610 | 1/2" Drive 13/16" - 100 ft./lb. Torque Socket - Brown |
| 168-23014 | 123014 | 1/2" Drive 15/16" - 140 ft./lb. Torque Socket - Light Green |

1/2" DRIVE 22MM TORQUE SOCKETS

- Constructed from heat treated spring steel
- Solid one-piece construction
- Deep well



168-22110

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 168-22110 | 122110M | 1/2" Drive 22mm 110 ft./lb. Torque Socket - Copper APPLICATIONS: Buick LaCrosse 2010+, Regal 2011+, Cadillac XTS 2011+, Chevrolet Camaro 2011+, Saab 9-4X 2010+ |
| 168-12254 | 122115M | 1/2" Drive 22mm 154 ft./lb. Torque Socket - Pink APPLICATIONS: Toyota Land Cruiser 2004-06, 2008+, Tundra |

168-12254

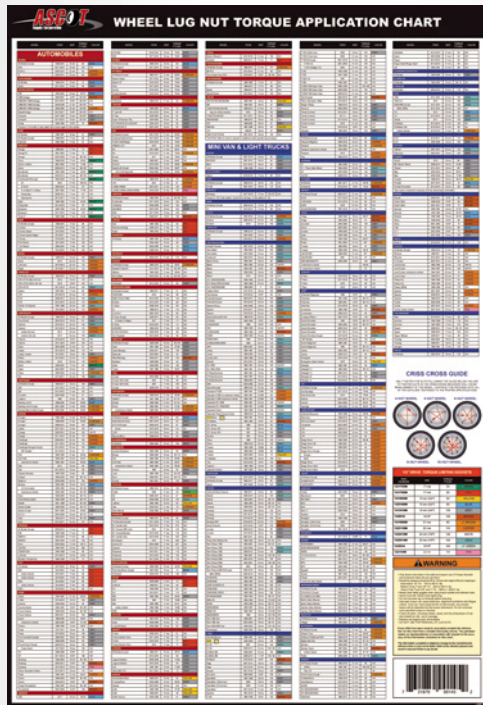
WHEEL SERVICE PRODUCTS // WHEEL TORQUE PRODUCTS



Torque Wrenches & Torque Accessories (cont.)

LUG NUT TORQUE APPLICATION CHART

- Wall chart measuring 26-3/4" x 39-1/4"
- Provides lug nut specifications for cars and light trucks to Model Year 2019
- For use with Original Equipment wheels
- Laminated for durability
- Shipped in a protective mailing tube
- Similar to Tire Guides Lug Nut Torque Chart



168-02020

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|----------------------------------|
| 168-02020 | TC2020 | Lug Nut Torque Application Chart |

1/2" DRIVE TORQUE WRENCH

- Dual direction
- Locking collar prevents accidental setting adjustment
- Easy-to-read laser marked scale
- Blow molded case with calibration certificate
- RANGE: 25-250 ft./lb.
- OVERALL LENGTH: 25"



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--------------------------|
| 168-00425 | AS-425 | 1/2" Drive Torque Wrench |

168-00425



1/4" DRIVE TORQUE WRENCH

- Easy-to-read and set for error-free adjustments
- Automatic locking torque adjustment
- Ideal for TPMS applications
- Blow molded case
- RANGE: 10-150 in./lbs.



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--------------------------|
| 168-00652 | AS-652H | 1/4" Drive Torque Wrench |

168-00652



1/2" DRIVE SPLIT BEAM TORQUE WRENCH

- +/-4% accuracy
- Non coil-spring mechanism, no need to return to zero after use, which results in longer tool life
- Knob-type torque adjustment for faster and energy saving efficiency
- Torque setting easily read through the window scale
- TPR cushion handle is oil resistant, the handle provides comfort and ease of control
- Loud click sound and strong impulse when required torque is reached



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 168-00250 | 250-SB | 1/2" Drive 250 ft./lb. Split Beam Torque Wrench |

168-00250



FLEX HINGE STYLE TORQUE WRENCH

- Robust construction
- ACCURATE RESULTS: ±4%
- Adjustable torque settings
- DUAL SCALED: ft./lb. and N.m
- The large break angle improves accuracy by reducing the possibility of over-torquing
- Cam control of the mechanism gives a controlled break
- Every wrench supplied with a calibration certificate
- Durable storage case
- 2 ADAPTERS INCLUDED: 3/4" to 1", 3/4" to 3/4"



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--|
| 168-60011 | 60011 | 600 ft./lb. Flex Hinge Style Torque Wrench |

168-60011



WHEEL SERVICE PRODUCTS // WHEEL TORQUE PRODUCTS

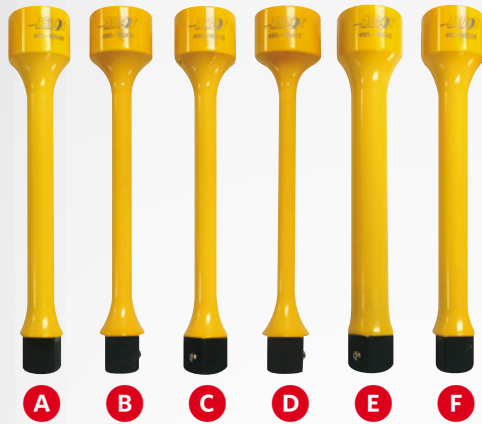




➔ Torque Extensions, Torque Extension Set, Torque Wrench Sets

1" DRIVE TRUCK TORQUE EXTENSIONS

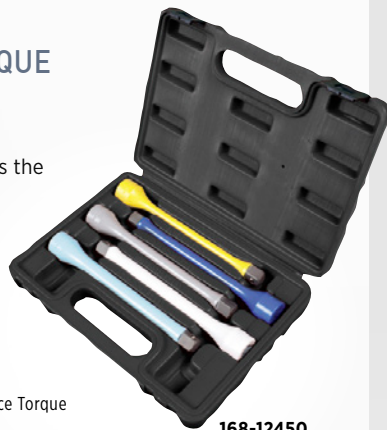
▪ **1" drive square ends** ▪ Once the proper torque is reached the extension will absorb any excess torque



| ASCOT NO. | ITEM | MFG. NO. | DESCRIPTION |
|-----------|------|----------|--|
| 495-16004 | A | 1600-P | 1" Drive 475 ft./lb. Torque Limiting Extension |
| 495-16005 | B | 1600-R | 1" Drive 250 ft./lb. Torque Limiting Extension |
| 495-16006 | C | 1600-S | 1" Drive 350 ft./lb. Torque Limiting Extension |
| 495-16007 | D | 1600-T | 1" Drive 175 ft./lb. Torque Limiting Extension |
| 495-16008 | E | 1600-W | 1" Drive 650 ft./lb. Torque Limiting Extension |
| 495-16009 | F | 1600-Y | 1" Drive 550 ft./lb. Torque Limiting Extension |

1/2" DR 5-PIECE TORQUE EXTENSION SET

▪ **Set includes all 5 extension sockets listed below** ▪ Provides the ability to torque wheel nuts on passenger cars to the correct specification ▪ Set comes in a durable plastic blow molded case ▪ *Individual extensions sold separately*



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--------------------------------------|
| 168-12450 | 2450 | 1/2" DR 5-Piece Torque Extension Set |

168-12450

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|--|----------|-------------------------------|
| 1/2" DR 5-PIECE TORQUE EXTENSION SET: KIT CONTENTS | | |
| 168-12465 | 2465 | 65 ft./lb. Extension - Yellow |
| 168-12480 | 2480 | 80 ft./lb. Extension - Blue |
| 168-12410 | 24100 | 100 ft./lb. Extension - Gray |
| 168-12412 | 24120 | 120 ft./lb. Extension - White |
| 168-12414 | 24140 | 140 ft./lb. Extension - Aqua |

ASCOT 6-PIECE WHEEL TORQUE WRENCH SET

▪ **One-way, not bi-directional** ▪ +/- 4% accuracy ▪ Cushioned ratchet head ▪ Color coded presets

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 168-16000 | 16000 | 6-Piece Preset/Adjustable (5 Preset - 1 Adjustable) Wheel Torque Wrench Set |



168-16000

| ASCOT NO. | DESCRIPTION |
|---|---|
| ASCOT 6-PIECE WHEEL TORQUE WRENCH SET: KIT CONTENTS | |
| 168-12065 | 65 ft./lb. Preset Torque Wrench - Yellow |
| 168-12080 | 80 ft./lb. Preset Torque Wrench - Blue |
| 168-12100 | 100 ft./lb. Preset Torque Wrench - Gray |
| 168-12120 | 120 ft./lb. Preset Torque Wrench - White |
| 168-12140 | 140 ft./lb. Preset Torque Wrench - Aqua |
| 163-91217 | 1/2" Dr. x 17mm Chrome Socket |
| 163-91219 | 1/2" Dr. x 19mm Chrome Socket |
| 163-91221 | 1/2" Dr. x 21mm Chrome Socket |
| 163-91234 | 1/2" Dr. x 3/4" Chrome Socket |
| 163-91236 | 1/2" Dr. x 13/16" Chrome Socket |
| 163-91278 | 1/2" Dr. x 7/8" Chrome Socket |
| 168-12106 | 1/2" Dr. x 6" Chrome Extension |
| 168-12250 | 250 Maximum ft./lb. Single Direction Micro-Adjustable Torque Wrench |
| 169-12006 | Wall Board |
| 168-96509 | 1/2" Preset Torque Wrench Repair Kit |

ASCOT 4-PIECE WHEEL TORQUE WRENCH SET

▪ **One-way, not bi-directional** ▪ +/- 4% accuracy ▪ Cushioned ratchet head ▪ Color coded presets

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--|
| 168-13000 | 13000 | 4-Piece Preset Wheel Torque Wrench Set |



168-13000

| ASCOT NO. | DESCRIPTION |
|---|--|
| ASCOT 4-PIECE WHEEL TORQUE WRENCH SET: KIT CONTENTS | |
| 168-12080 | 80 ft./lb. Preset Torque Wrench - Blue |
| 168-12100 | 100 ft./lb. Preset Torque Wrench - Gray |
| 168-12120 | 120 ft./lb. Preset Torque Wrench - White |
| 168-12140 | 140 ft./lb. Preset Torque Wrench - Aqua |
| 163-91217 | 1/2" Dr. x 17mm Chrome Socket |
| 163-91219 | 1/2" Dr. x 19mm Chrome Socket |
| 163-91221 | 1/2" Dr. x 21mm Chrome Socket |
| 163-91234 | 1/2" Dr. x 3/4" Chrome Socket |
| 163-91236 | 1/2" Dr. x 13/16" Chrome Socket |
| 163-91278 | 1/2" Dr. x 7/8" Chrome Socket |
| 169-12006 | Wall Board |



⚠ **WARNING:** For more information go to www.P65Warnings.ca.gov.

ASCOT SUPPLY CORPORATION

BUYER'S GUIDE

WHEEL SERVICE PRODUCTS // WHEEL TORQUE PRODUCTS

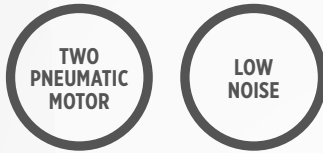
→ Blue Tork, Torque Wrenches

Torque Wrenches & Torque Accessories (cont.)



1" BLUE TORK

▪ **Two pneumatic motors for rundown and final tightening** ▪ Preset and adjustable shut off for torque control ▪ **ERGONOMICS:** Very low noise level, virtually no vibration ▪ **EFFICIENCY:** Precise and accurate tightening, less fatigued operators ▪ **ENVIRONMENT IMPROVEMENTS:** by increasing durability of the tools, we reduce waste ▪ **QUALITY:** Precise, accurate tightening to the manufacturer's recommended torque and angle specifications ▪ **MAXIMUM TORQUE:** 660 ft./lb.



Training required prior to use.

168-07600

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|---------------|-------------------------------------|
| 168-07600 | CP-7600xB | Non-Reversible Single Torque Preset |
| 168-07602 | CP-7600xB-R | Reversible Single Torque Preset |
| 168-07603 | CP-7600xB-R4P | Reversible 4 Torque Preset Selector |

FRL UNIT FOR BLUE TORK

▪ **INCLUDES:** Industrial grade filter; Regulator; Single point lubricator; 25' hose with capillary tube; 1 Quart of special tool oil approved for the Blue Tork

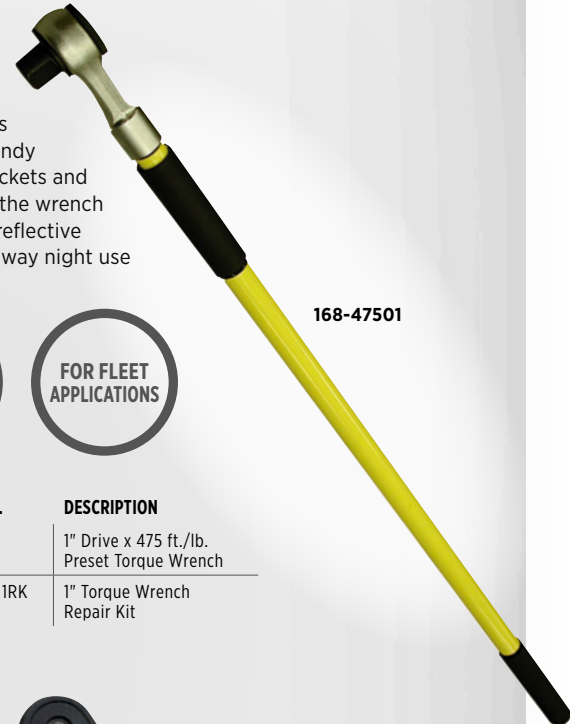


117-58625

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|--------------|------------------------|
| 117-58625 | 586-254-1000 | FRL Unit for Blue Tork |

PRESET TRUCK CLICKER STYLE TORQUE WRENCH

▪ **Preset at 475 ft./lb.** ▪ Designed for fleet applications ▪ **Massive 4-1/2'** length for high torque applications ▪ Supplied with handy storage bag for sockets and extensions ▪ Both the wrench and the bag have reflective strips for safe highway night use



168-47501



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-------------|---|
| 168-47501 | 1-475 | 1" Drive x 475 ft./lb. Preset Torque Wrench |
| 168-96111 | 9610-0111RK | 1" Torque Wrench Repair Kit |



MICRO-ADJUSTABLE TORQUE WRENCH

▪ **Dual scale, calibrated dual direction** ▪ Positive lock with spring loaded pull down lock ring ▪ Fast, accurate and easy to set ▪ Easy-to-read Laser marked scale ▪ Ergonomic comfort-grip ▪ Most feature Quick Release buttons which provide good socket retention as well as easy socket removal ▪ **RANGE:** 50-250 ft./lb. ▪ **ACCURACY:** ± 4% clockwise ± 6% CCW of indicated value, CW, from 20% to 100% of full scale



168-12250

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|---|
| 168-12250 | 2503MFRRH | 1/2" Drive Micro-Adjustable Torque Wrench |

WHEEL SERVICE PRODUCTS // WHEEL TORQUE PRODUCTS



➔ Flex Hinge Torque Wrench, TorqIt Battery-Powered Torque Wrench



FLEX HINGE STYLE TORQUE WRENCH

- **Robust construction**
- **ACCURATE RESULTS:** +/-4%
- Adjustable torque settings
- **DUAL SCALED:** ft./lb. and NM
- The large break angle improves accuracy by reducing the possibility of over torquing
- Cam control of the mechanism gives a controlled break
- Every wrench supplied with a calibration certificate
- Durable storage case
- **2 ADAPTERS INCLUDED:** 3/4" to 1", 3/4" to 3/4"



168-60011



168-60020

168-60025



The flex-hinge torque wrench in use.

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--|
| 168-60011 | 60011 | 600 ft./lb. Flex Hinge Style Torque |
| 168-60020 | 12299 | 1" Square Drive for Flex Hinge Torque Wrench |
| 168-60025 | 12297 | 3/4" Square Drive for Flex Hinge Torque Wrench |
| 169-02013 | 2013E | 3/4" Drive x 13" Impact Extension |
| 169-03013 | 3013E | 1" Drive x 13" Impact Extension |
| 169-13413 | 13413E | 3/4" Drive x 1" Drive x 13" Impact Extension |

TORQIT BATTERY-POWERED TORQUE WRENCH

- **Durable and Portable Precision Torque**
- Four models from 120 ft./lb. to 3,000 ft./lb.
- **LITHIUM ION 8.0 AH RECHARGEABLE BATTERY:** Full charge in under 60 minutes
- Every Unit Calibrated In ISO17025 Laboratory
- 13-Month Warranty from date of purchase
- **MADE IN THE USA**



168-67505



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--------------------------------------|
| 168-67505 | 67505 | TorqIt Battery-Powered Torque Wrench |

TORQUE FIN TORQUE WRENCH STABILIZER

- **Links with, stabilizes, and properly aligns manual torque wrenches to ensure accurate torque**
- Saves time and money
- Easy to use
- Reduces risk of injury and liability due to wheel-off accidents
- Works with most commercial torque wrenches and truck tires
- Durable and lightweight



168-67250

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-------------------------------------|
| 168-67250 | 67250 | Torque Fin Torque Wrench Stabilizer |

WHEEL SERVICE PRODUCTS // WHEEL TORQUE PRODUCTS

➔ Industrial Torque Wrench, Pneumatic Torque Multiplier, Torque Wrench Checker



Torque Wrenches & Torque Accessories (cont.)

INDUSTRIAL TORQUE WRENCH

▪ **Norbar's New Industrial Torque Wrench** ▪ **SPLIT DESIGN:** Allows for easy, behind-the-seat storage in service vehicles ▪ **SMALLER CARRYING CASE:** Easy to transport, and less expensive to ship back-and-forth for calibration and service ▪ Removal of calibrated nuts means less expensive to calibrate ▪ Adjusting scale in the handle is large and easy to read ▪ Calibration is as easy as replacing the paper scale with a new paper scale ▪ Ratchets are no longer a welded component, making them replaceable when worn or damaged - this means fewer wrenches scrapped ▪ Operator handle designed to 'guide' the technicians hand into the proper position



Norbar's Industrial Torque Wrench in use.



168-42760

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|--|
| 168-42760 | 120110 | 4AR-N, 3/4" Drive, 150-600 ft./lb. Range |
| 168-42761 | 120110.01 | 4AR-N, 1" Drive, 150-600 ft./lb. Range |
| 168-57600 | 120115 | 5R-N, 3/4" Drive, 200-750 ft./lb. Range |
| 168-57601 | 120115.01 | 5R-N, 1" Drive, 200-750 ft./lb. Range |

PNEUMATIC TORQUE MULTIPLIER

▪ **OPERATING RANGE:** 147 to 738 ft./lb. (200 to 1000 Nm) ▪ 'Soft Start' trigger control aids socket location, and allows gradual and safe reaction location ▪ Extended reaction is ideal for reaching recessed nuts ▪ **FAST:** 1000 Nm version has a free speed of 140 rpm for rapid bolt run-down ▪ For safety, gearbox can rotate independently from the handle so that reaction forces are not transmitted back to the operator ▪ Light weight for ease of handling ▪ **NON IMPACTING:** Low vibration levels make these tools comfortable and safe to use ▪ On Bi-Directional tools, the direction control knob is locked while the tool is running to prevent accidental damage to the gearbox ▪ **QUIET:** Less than 85 dB(A) when under load ▪ Square drive is quickly and easily replaceable



168-18141

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------------|---|
| 168-18141 | PTME-72-2000-B | 1" Square Drive Bi-Directional Pneumatic Multiplier |

NORBAR 750 FT./LB. TORQUE WRENCH CHECKER

The 43237 Torque Wrench Checker is an accurate and simple to operate torque wrench checker. There is only one button; used to zero the unit prior to measurement.

▪ **Accurate and Durable** ▪ Easily portable or can be fixed and mounted ▪ No special skills required to use ▪ Can be provided with options ▪ **APPLICATION:** For use with click or break style, or dial torque wrenches



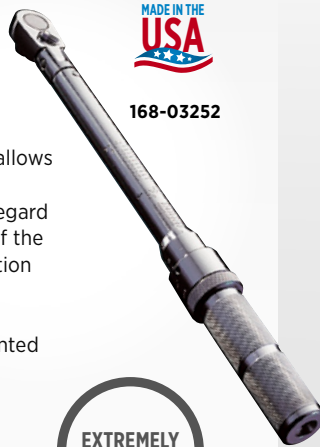
168-43237

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--|
| 168-43237 | 43237 | Norbar 750 ft./lb. Torque Wrench Checker |



MICROMETER TORQUE WRENCHES

- **EXTREMELY ACCURATE:** Within 3% of reading from 20% of full scale to full scale clockwise and counter-clockwise
- **EXCLUSIVE PATENTED CALIBRATION MECHANISM:** This patented mechanism allows for calibration in both the clockwise and counter-clockwise directions, plus with regard to spring rate, without the disassembly of the wrench. This protects against contamination of the working mechanism, and make calibration quick and easy
- **EXCLUSIVE PATENTED ROLLER-RELEASE:** This patented feature removes over 95% of the friction inherent in other click wrenches thereby extending life and providing for more reliable operation.
- **ALL "M" SERIES MEETS OR EXCEEDS ALL APPLICABLE REQUIREMENTS OF:** ANSI / ASME B107.14M, GGG-W-00686C, BS6073: 1988, ISO6789



MADE IN THE USA
168-03252



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-------------|
| 168-01200 | M1R200H | 1/4" Drive |
| 168-02101 | M2R100F | 3/8" Drive |
| 168-03252 | M3R250F | 1/2" Drive |

SPLIT-BEAM CLICK TORQUE WRENCHES

- **EXTREMELY ACCURATE:** within 4% of reading from 20% of full scale to full scale
- Setting torque on adjustable wrenches is fast and easy because there is no spring tension on the adjustment knob
- Torque setting locks on adjustable wrenches for repetitive applications
- Wrench length designed to provide the leverage required for maximum torque applications. Also provides the needed reach for those hard to get at places



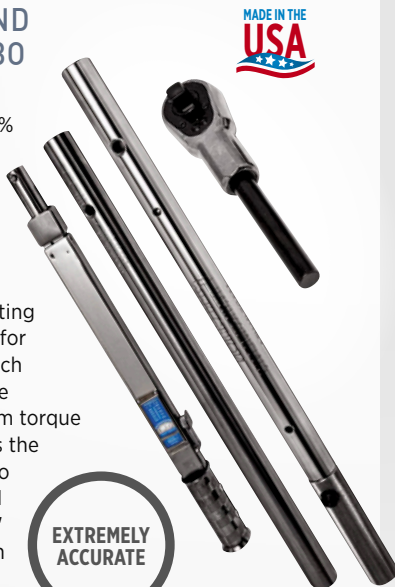
MADE IN THE USA
168-03250



| ASCOT NO. | MFG. NO. | DESCRIPTION | FT./LB. |
|-----------|-----------|-------------|---------|
| 168-02100 | C2FR100F | 3/8" Drive | 100 |
| 168-03250 | C3FR250F | 1/2" Drive | 250 |
| 168-03251 | CP3FR250F | 1/2" Preset | 250 |
| 168-04400 | C4D600F | 3/4" Drive | 600 |
| 168-05600 | C5D600F | 1" Drive | 600 |

TORQUE WRENCH AND BREAKER BAR COMBO

- **EXTREMELY ACCURATE:** Within 4% of reading from 20% of full scale to full scale clockwise and counter-clockwise
- Setting torque on adjustable wrenches is fast and easy because there is no spring tension on the adjustment knob
- Torque setting locks on adjustable wrenches for repetitive applications
- Wrench length designed to provide the leverage required for maximum torque applications and also provides the needed reach for those hard to get at places
- **PUSH BUTTON DESIGN:** Telescopes out to 41" when used in conjunction with Precision Instruments ratchet head (found on torque wrench)



MADE IN THE USA
168-05601



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|------------|--|
| 168-05601 | C5D600F36H | 1" Dr Split Beam Click Torque Wrench 200-600 ft./lb. + Breaker Bar Combo |

CLIKKER TORQUE WRENCH

- **Loud click tells you when you've reached the torque setting**
- Feature ratchet-style heads, all metal construction, permanently roll-marked scales and soft-grip rubber handles
- Molded plastic carrying case



MADE IN THE USA
168-05601



| ASCOT NO. | MFG. NO. | DRIVE | LENGTH | TORQUE/RANGE/GRADUATIONS |
|-----------|----------|-------|---------|-------------------------------|
| 495-07375 | 7375 | 3/8" | 15-1/8" | 150-750 in.-lbs. /10 in.-lbs. |
| 495-07377 | 7377 | 1/2" | 17-3/4" | 30-150 ft./lb. /2 ft./lb. |
| 495-07378 | 7378 | 1/2" | 19-3/8" | 50-250 ft./lb. /2 ft./lb. |
| 495-07379 | 7379 | 3/4" | 42-1/4" | 100-600 ft./lb. /10 ft./lb. |

WHEEL SERVICE PRODUCTS // WHEEL TORQUE PRODUCTS

→ Torque Wrenches, Torque Multipliers



Torque Wrenches & Torque Accessories (cont.)

TORQUE MULTIPLIERS

▪ **Increase the range of your torque wrench as much as 14 to one with a Central Torque Multiplier** ▪ Designed with four pinion gears in a compact housing, these multipliers expand your torque wrench range by their stated ratio



495-06380



| ASCOT NO. | MFG. NO. | RATE | DRIVE INPUT | DRIVE OUTPUT | MAX. OUTPUT CAP | WEIGHT (LBS.) | BODY LENGTH | TOTAL LENGTH |
|-----------|----------|--------|-------------|--------------|-----------------|---------------|-------------|--------------|
| 495-06380 | 6380 | 4:1 | 1/2" | 3/4" | 1,000 In.-lbs. | 7 | 6.6" | 22" |
| 495-06382 | 6382 | 4.33:1 | 1" | 1-1/2" | 4,000 In.-lbs. | 35 | 9.7" | 30" |
| 495-06383 | 6383 | 4.6:1 | 1" | 1-1/2" | 8,000 In.-lbs. | 47 | 12.1" | 32" |
| 495-06384 | 6384 | 6:1 | 1" | 2-1/2" | 12,000 In.-lbs. | 78 | 11.5" | 30" |
| 495-06386 | 6386 | 14.3:1 | 3/4" | 1-1/2" | 3,000 In.-lbs. | 30 | 9.7" | 30" |
| 495-06387 | 6387 | 4:1 | 3/4" | 1" | 2,000 In.-lbs. | 14 | 6.6" | 25" |

MICROMETER TORQUE WRENCH

▪ Range is 25 to 250 ft./lb. ▪ **HEAVY DUTY RATCHET:** Fewer and stronger teeth

▪ **UNIDIRECTIONAL TORQUEING:** Tightens in right hand direction only, does not tighten in left hand direction for improved performance

▪ **ERGONOMICALLY DESIGNED HANDLE MADE FROM MODIFIED SILICONE:**

Tear resistant, oil and solvent resistant

▪ Protective head cover made from modified silicone

▪ Comes in plastic storage case

▪ **MADE IN USA**



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--|
| 168-97354 | 97354A | Micrometer Torque Wrench: 25-250 ft./lb. |

MICROMETER TORQUE WRENCHES

▪ **Push-through ratchet instead of a reversible ratchet** ▪ Asymmetric design of clicker and ratchet mechanism creates a more robust construction and durable wrench

▪ Improved lock collar design is easier to grip

▪ **ACCURACY:** +/- 4% in both directions and improves impact resistance ▪ **MADE IN USA**



495-97353



| ASCOT NO. | MFG. NO. | RANGE (INCREMENT) | DRIVE |
|-----------|-----------|-------------------|-----------------------------------|
| 495-97353 | CEN97353A | 30-250 ft./lb. | 1/2" push-through drive |
| 495-97355 | CEN97355A | 100-600 ft./lb. | 3/4" push-through drive |
| 495-97362 | CEN97362 | 30-150 ft./lb. | 1/2" flex head push-through drive |
| 495-97352 | CEN97352A | 20-100 ft./lb. | 3/8" flex head push-through drive |
| 495-97351 | CEN97351A | 20-250 in./lb. | 3/8" push-through drive |
| 495-97361 | CEN97361B | 20-200 in./lb. | 1/4" push-through drive |



WHEEL SERVICE PRODUCTS // WHEEL TORQUE PRODUCTS

WHAT IS TORQUE?

Torque is the measurement of twisting force that is applied to a lug nut to create bolt tension.

WHAT IS CLAMPING FORCE?

Clamping force is the result of bolt tension and it is the physical property that holds the wheels on the vehicle.

DOES THE CORRECT TORQUE GUARANTEE THE CORRECT CLAMPING FORCE?

No. Clamping force cannot be measured in the field, so technicians must use the correct torque to approximate the amount of clamping force.

Since there are a number of factors that determine how much clamping force is generated per foot pound of torque, technicians should always **follow the RIST procedure** developed by the Tire Industry Association (TIA).



R

stands for
remove debris from
mating surfaces



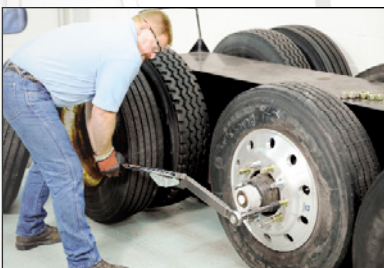
I

stands for
inspect all of the
components



S

stands for
snug the lug nuts
in a star pattern



T

stands for
torque the fasteners
to specification



TORQUE SPECIFICATIONS

Hub-Pilot Wheel: 450-500 ft/lbs. oiled | Stud-Pilot Wheel: 450-500 ft/lbs. dry | Demountable Rim: 200-260 ft/lbs. dry

TIA is the industry leader in commercial truck tire and wheel service education. Since Occupational Safety and Health Administration (OSHA) Regulation 29 CFR 1910.177 requires training for all employees that service truck tires, fleets must make sure that every technician who installs, removes or handles truck tires in any way has compliant training. TIA developed the Fleet Tire Service OSHA Compliance Program so the trucking industry could provide in-house technician training that exceeds the minimum requirements established by 29 CFR 1910.177.

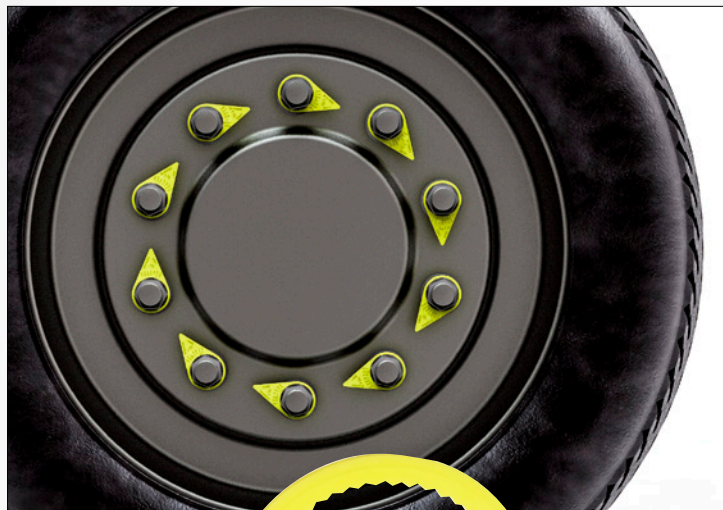
For more information on TIA training or the RIST procedure, visit TIA's website: <http://www.tireindustry.org/training.asp> or call 800-876-8376, ext. 106.



Loose Nut Prevention

CHECKPOINT LOOSE LUG NUT INDICATORS*

- A simple and cost-effective solution that helps prevent a catastrophic loss caused by loose lug nuts when used as part of a total torque program
- When fitted on properly torqued lug nuts and inspected by a driver or technician, CHECKPOINT clearly and visually indicate if the wheel nuts have moved
- If the arrows have moved from the point-to-point or daisy-chain pattern, this indicates that they have loosened and need attention
- Facilitates the driver's check for lug nut movement
- Early warning for mechanic or driver of excessive heat caused by possible brake or bearing problems; designed to melt in excessive heat
- Demonstrates fleet's commitment to vehicle road worthiness and safety to the public



The CHECKPOINT Loose Lug Nut Indicators in use.



CHECKPOINT Loose Lug Nut Indicators

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-------------------|----------|---|
| CHECKPOINT | | |
| 402-20017 | CPY17MM | CHECKPOINT 17mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20018 | CPY18MM | CHECKPOINT 18mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20019 | CPY19MM | CHECKPOINT 19mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20020 | CPY20MM | CHECKPOINT 20mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20021 | CPY21MM | CHECKPOINT 21mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20078 | CPY22MM | CHECKPOINT 22mm (7/8") Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20023 | CPY23MM | CHECKPOINT 23mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20024 | CPY24MM | CHECKPOINT 24mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20001 | CPY25MM | CHECKPOINT 25mm (1") Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20026 | CPY26MM | CHECKPOINT 26mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20027 | CPY27MM | CHECKPOINT 27mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20028 | CPY28MM | CHECKPOINT 28mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20029 | CPY29MM | CHECKPOINT 29mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20030 | CPY30MM | CHECKPOINT 30mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20114 | CPY31MM | CHECKPOINT 31mm (1-1/4") Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20032 | CPY32MM | CHECKPOINT 32mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20033 | CPY33MM | CHECKPOINT 33mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20034 | CPY34MM | CHECKPOINT 34mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20035 | CPY35MM | CHECKPOINT 35mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20036 | CPY36MM | CHECKPOINT 36mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20015 | CPY38MM | CHECKPOINT 38mm (1-1/2") Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20040 | CPY40MM | CHECKPOINT 40mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20041 | CPY41MM | CHECKPOINT 41mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20044 | CPY44MM | CHECKPOINT 44mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20046 | CPY46MM | CHECKPOINT 46mm Fluorescent Yellow Loose Lug Nut Indicator |

*The use of CHECKPOINT Loose Lug Nut Indicators does not guarantee wheel-offs will not occur.



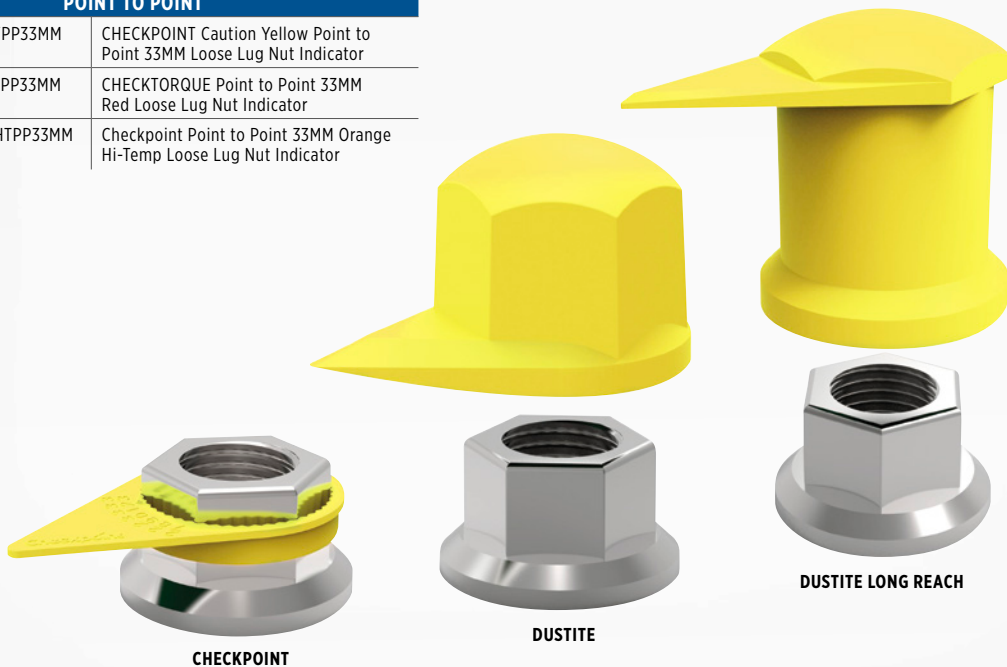
➔ Checkpoint Loose Wheel Nut Indicators



CHECKPOINT
THE ORIGINAL. THE BEST

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|---------------------------|-------------|---|
| CHECKPOINT HI-TEMP | | |
| 402-21019 | CPOHY19MM | CHECKPOINT 19mm Orange Hi-Temp Loose Lug Nut Indicator |
| 402-21021 | CPOHY21MM | CHECKPOINT 21mm Orange Hi-Temp Loose Lug Nut Indicator |
| 402-21022 | CPOHY22MM | CHECKPOINT 22mm Orange Hi-Temp Loose Lug Nut Indicator |
| 402-21030 | CPOHY30MM | CHECKPOINT 30mm Orange Hi-Temp Loose Lug Nut Indicator |
| 402-21031 | CPOHY31MM | CHECKPOINT 31mm Orange Hi-Temp Loose Lug Nut Indicator |
| 402-21032 | CPOHY32MM | CHECKPOINT 32mm Orange Hi-Temp Loose Lug Nut Indicator |
| 402-21033 | CPOHY33MM | CHECKPOINT 33mm Orange Hi-Temp Loose Lug Nut Indicator |
| 402-21036 | CPOHY36MM | CHECKPOINT 36mm Orange Hi-Temp Loose Lug Nut Indicator |
| 402-21038 | CPOHY38MM | CHECKPOINT 38mm Orange Hi-Temp Loose Lug Nut Indicator |
| 402-21040 | CPOHY40MM | CHECKPOINT 40mm Orange Hi-Temp Loose Lug Nut Indicator |
| 402-21041 | CPOHY41MM | CHECKPOINT 41mm Orange Hi-Temp Loose Lug Nut Indicator |
| 402-21044 | CPOHY44MM | CHECKPOINT 44mm Orange Hi-Temp Loose Lug Nut Indicator |
| 402-21046 | CPOHY46MM | CHECKPOINT 46mm Orange Hi-Temp Loose Lug Nut Indicator |
| POINT TO POINT | | |
| 402-20133 | CPCYPP33MM | CHECKPOINT Caution Yellow Point to Point 33MM Loose Lug Nut Indicator |
| 402-20333 | CPTRPP33MM | CHECKTORQUE Point to Point 33MM Red Loose Lug Nut Indicator |
| 402-23133 | CPOHTPP33MM | Checkpoint Point to Point 33MM Orange Hi-Temp Loose Lug Nut Indicator |

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|---------------------------|----------------|---|
| DUSTITE | | |
| 402-24027 | CPD TY27MM | Dustite Yellow 27mm Loose Lug Nut Indicator |
| 402-24028 | CPD TY28MM | Dustite Yellow 28mm Loose Lug Nut Indicator |
| 402-24030 | CPD TY30MM | Dustite Yellow 30mm Loose Lug Nut Indicator |
| 402-24032 | CPD TY32MM | Dustite Yellow 32mm Loose Lug Nut Indicator |
| 402-24033 | CPD TY33MM | Dustite Yellow 33mm Loose Lug Nut Indicator |
| 402-24038 | CPD TY38MM | Dustite Yellow 38mm Loose Lug Nut Indicator |
| 402-24133 | CPD TSG33MM | Dustite Silver Gray 33mm Loose Lug Nut Indicator |
| DUSTITE LONG REACH | | |
| 402-25032 | CPD TLR Y32MM | Dustite Long Reach Yellow 32mm Loose Lug Nut Indicator |
| 402-25033 | CPD TLR Y33MM | Dustite Long Reach Yellow 33mm Loose Lug Nut Indicator |
| 402-25133 | CPD TLR SG33MM | Dustite Long Reach Silver Gray 33mm Loose Lug Nut Indicator |
| 402-25021 | CPD TLR Y21MM | Dustite Long Reach Yellow 21mm Loose Lug Nut Indicator |
| 402-25022 | CPD TLR Y22MM | Dustite Long Reach Yellow 22mm Loose Lug Nut Indicator |



*The use of CHECKPOINT Loose Lug Nut Indicators does not guarantee wheel-offs will not occur.

WHEEL SERVICE PRODUCTS // LOOSE NUT PREVENTION



Loose Wheel Nut Indicators

Loose Nut Prevention (cont.)



CHECKPOINT LOOSE LUG NUT INDICATORS*

- A simple and cost effective product that can help guard against a potential catastrophic loss caused by loose lug nuts when used as part of a total torque wheel program
- When fitted on properly torqued lug nuts and inspected by a driver or technician, the CHECKPOINTS clearly and visually indicate if the lug nuts have moved
- If the arrows have moved from the point-to-point pattern, this indicates that they have loosened and need attention
- Enhanced fleet safety management
- Facilitates the driver's check for lug nut movement and involvement with vehicle safety
- Early warning for mechanic or driver of excessive heat caused by possible brake or bearing problems
- Demonstrate your fleet commitment to vehicle road worthiness and safety
- **QUANTITY:** 100 per bag



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--|
| 402-20021 | CPY21MM | CHECKPOINT 21mm Fluorescent Yellow Loose Lug Nut Indicators |
| 402-20033 | CPY33MM | CHECKPOINT 33mm Fluorescent Yellow Loose Lug Nut Indicator |
| 402-20333 | CPTR33MM | CHECKTORQUE 33mm Red Loose Lug Nut Indicator (Re-torque after first 100 Miles) |

*The use of CHECKPOINT Loose Lug Nut Indicators does not guarantee wheel-offs will not occur.

MULTI-SIZE LOOSE WHEEL NUT INDICATOR

- 4 SKUs work for 31 different nut sizes!
- Easier to store on the shelves and to find the correct part for the customer
- Designed not to melt under heavy braking situations but will melt if the hub overheats which will alert driver of hub problems
- If Hexchex melts, the non stick material is removed easily without damaging your wheels or lug nuts
- Easy to use and no tools are needed for the application
- Fits around any shaped nut including 8 or 10 sided custom nuts
- Hexchex are made of durable polymer and are chemical resistant



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 402-30601 | KT#30601 | Metric 19mm - 23mm SAE 3/4" - 1" |
| 402-30602 | KT#30602 | Metric 23mm - 30mm SAE 1" - 1 3/16" |
| 402-30603 | KT#30603 | Metric 30mm - 38mm SAE 1 3/16" - 1 1/2" |
| 402-30604 | KT#30604 | Metric 38mm - 50mm SAE 1 1/2" - 2" |

WHEEL SERVICE PRODUCTS // LOOSE NUT PREVENTION





➔ Rollock, Lug Lock Wheel Nut Retainers

ROLLOCK - LOOSE NUT PREVENTION

▪ **Cost effective way to prevent wheel nuts from loosening** ▪ Galvanized steel product locks wheel nuts in place ▪ **APPLICATION:** ROLLOCK is for use on 19.5 & 22.5 Hub-Piloted Wheels (8 or 10 hole) ▪ **ROLLOCK IS EASY TO REMOVE:** Unscrew the Wheel Nut in normal manner and the ROLLOCK clamp will easily come off



402-62000



LOCKS
WHEEL NUTS
IN PLACE

COST
EFFECTIVE

The Rollock is a cost effective way to prevent nuts from loosening.

LUG LOCK WHEEL NUT RETAINERS

▪ **Use the resistance between two nuts to minimize their ability to rotate and loosen** ▪ Flexible and easy to install, fits over two adjacent nuts ▪ Field tested at high and low rotation levels ▪ Lab tested in severe vibration conditions ▪ **APPLICATION:** Designed to be used on wheels with 33mm nuts on 3.5" stud centers ▪ Compatible with a complete wheel mounting safety program ▪ *Other sizes and colors available*



402-62600



Other sizes and colors available.

FLEXIBLE
& EASY TO
INSTALL

FIELD
TESTED



The Lug Lock Wheel Nut Retainers in use.

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--------------------------------------|
| 402-62000 | 62000 | Rollock, 4-1/8" Spacing, 30-33mm Nut |
| 402-62500 | 62500 | Rollock, 3-1/2" Spacing, 30-33mm Nut |

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-----------------------------|
| 402-62600 | 62600 | 3 1/2" Spacing, 350 degrees |

WHEEL SERVICE PRODUCTS // LOOSE NUT PREVENTION

→ Wheel Centering Tool Set, "EZ ON" Wheel & Brake Drum Centering Sleeves



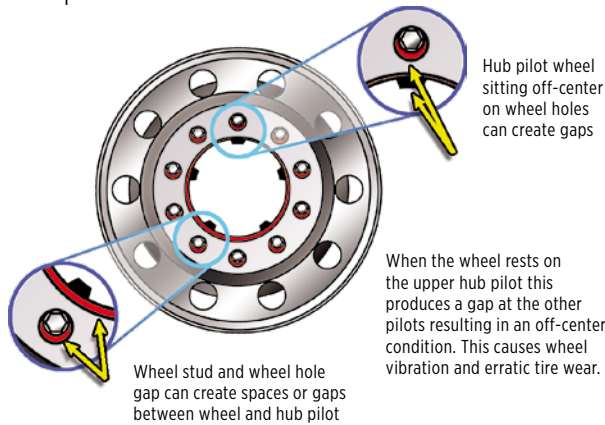
Wheel Centering Products

WHEEL CENTERING PRODUCTS FOR HUB PILOTED WHEELS

- 1 Increases **fuel mileage**
- 2 Increases **tire life**
- 3 Decreases **tire vibration**
- 4 Cuts **rebalancing costs**
- 5 Reduces **"wheel-off" condition**
- 6 Reduces **tire cupping**

Wheel Vibrations? Wheel Hop? Brake Pedal Pulsations? Erratic Tire Wear? Excessive Fuel Consumption?

If you are experiencing these problems, it may be because your wheels aren't centered on the hub. And if your wheels aren't centered, you will continue to experience these problems. With Specialty Products' Wheel Centering Products, you can re-center your wheel, and eliminate all of these problems.



How it works

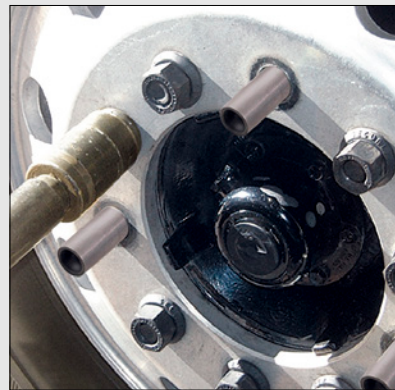
If your hub piloted wheel is sitting on the hub stud off-center (as shown in the illustration to the left) you need these parts and tools to avoid wheel hop and excess tire wear, and to increase your fuel mileage. The theory behind the hub pilot is it centers the wheel. The fact is gravity causes the weight of the wheel to rest only on the upper pilots creating a gap in the bottom pilots. Even the smallest gap results in an egg shaped motion upon rotation. This uneven motion creates rolling resistance which causes tire vibration, increased fuel consumption and erratic tire wear. The bottom line is, you can't balance an egg.

"EZ ON" WHEEL CENTERING TOOL SET

Simply slide the 3 centering tapered tools over the wheel studs at the 12, 8, and 4 o'clock positions; mount wheel and add lugnuts; remove the tools and replace remaining lugnuts, torquing to manufacturer specifications. The wheel is now completely centered. Problem Solved!



- **Threadless Design** ▪ Saves Installation Time
- Tapered Nose ▪ Eases Wheel Mounting
- Single Set ▪ **APPLICATION:** For Steer, Drive & Trailer Axles



Our new threadless design allows the installer to quickly and easily center the wheels to the hub. And our tapered design makes it easy to mount the wheel over the hub.

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|----------------------------------|
| 491-32111 | 32111 | "EZ On" Wheel Centering Tool Set |

"EZ ON" WHEEL & BRAKE DRUM CENTERING SLEEVES

▪ **These sets center both steer axle HD wheels and brake drums to minimize wheel vibrations, brake pedal pulsations and wheel hop** ▪ **APPLICATION:** For both Aluminum and Steel steer wheels and a variety of brake drum types



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 491-32120 | 32120 | Aluminum 1.25" hole/.5" depth |
| 491-32121 | 32121 | Aluminium 1.25" hole/.25" to .3125" depth |
| 491-32124 | 32124 | Steel 1.25" hole/.5" depth |

WHEEL SERVICE PRODUCTS // WHEEL CENTERING PRODUCTS

➔ Wheel Stud Alignment Tool, Wheel Centering Pin Sets & Sleeves

O-LINE-ER WHEEL STUD ALIGNMENT TOOL

- Makes it easy to line up wheel studs with holes in rim for easy installation
- Decreased installation time
- Increase worker productivity
- Reduce risk of injury from struggling with heavy tires and rims



491-00101

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-------------------------------------|
| 491-00101 | GTO-01TB | O-Line-Er Wheel Stud Alignment Tool |



The O-Line-Er Wheel Stud Alignment Tool makes it easy to line up wheel studs with holes in rim for easy installation.

“SOLUTION A” WHEEL CENTERING PIN SETS

- Reusable Shop Tool
- Hardened Steel
- Threaded Inside for Easy Removal
- Sold in sets of 3 with storage case

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 491-02666 | A-2666 | Steer & Drive axles, 5" length, Steel & Aluminum wheels, will center 1" brake drums |
| 491-01573 | A-1573 | Steer & Drive axles and some trailers, 4" length, Steel & Aluminum Wheels |
| 491-01339 | A-1339 | Steer axles, 3" length, Steel & Aluminum wheels |



491-02666



491-01573



491-01339

“SOLUTION B” INTERNAL CENTERING SLEEVES

- Threaded Inside for best positioning and retention
- Stays on wheels
- Zinc plated to resist corrosion
- All brake drum numbers are subject to change without warning due to manufacturer changes beyond our control
- Sold in sets of 6 per axle



| ASCOT NO. | MFG. NO. | DESCRIPTION | GUNITE # | | |
|-----------|-----------|--------------------------------------|----------|--------|-------|
| 491-01504 | B-1504-GA | 1.25" Diameter Hole, 1/2" Hole Depth | 3573X | 3687X | 3758X |
| | | | 3596X | 3710X | 3774X |
| | | | 3597X | 3786X | 3800X |
| | | | 3598X | 3721AX | |
| | | | 3686X | 3726X | |

| ASCOT NO. | MFG. NO. | DESCRIPTION | CONMET # | |
|-----------|--------------|---|----------|----------|
| 491-01825 | B-1825-CON-A | 1.34-1.37" diameter hole, 1/2" hole depth | 107507 | 1001783 |
| | | | 10005331 | 10033071 |
| | | | 10005332 | 10037815 |
| | | | 10009920 | |

| ASCOT NO. | MFG. NO. | DESCRIPTION | CONMET # | | WEBB # | |
|-----------|--------------|--------------------------------------|----------|----------|--------|--------|
| 491-01860 | B-1860-CON-A | 1.28" Diameter Hole, 1/2" Hole Depth | 107164 | 10001780 | 65161B | 65548B |
| | | | 107193 | 10001781 | 65167B | 65554B |
| | | | 107453 | 10001783 | 61528B | 65710B |
| | | | 107862 | | 65547B | |
| | | | | | | |

| ASCOT NO. | MFG. NO. | DESCRIPTION | GUNITE # | MOTOR WHEEL CENTRIFUSE # | ARVIN MERITOR # |
|-----------|-----------|--------------------------------------|----------|--------------------------|-----------------|
| 491-01594 | B-1594-CA | 1.25" Diameter Hole, 1/4" Hole Depth | 9001X | 90089BK | 53-123512-002 |
| | | | 9000X | 89870BK | 53-123542-002 |
| | | | 9035X | 90174BK | 53-123627-002 |
| | | | | 91265B | 53-123-589-002 |
| | | | | 90600B | 53-123-608-002 |
| | | | | | 90137B |



→ Lug Nut Removal Tools, Twist Socket Sets

Lug Nut Removal Products

WHEEL SERVICE PRODUCTS // LUG NUT REMOVAL PRODUCTS

1/2" DRIVE DUAL-SIDED SOCKET LUG NUT REMOVER TOOL



- Dual flip 1/2" drive impact design
- Removes missing and distorted lug nuts with chrome caps



492-01240 492-01250 492-01260

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 492-01240 | LT1240 | 1/2" Drive Dual-Sided Socket Lug Nut Remover Tool for Chrysler/Dodge 21mm chrome cap lug nuts (21/21.5mm) |
| 492-01250 | LT1250 | 1/2" Drive Dual Sided Socket Lug Nut Remover Tool for 19mm chrome caps found on many GM & Chrysler vehicles (18.5/19.5mm) |
| 492-01260 | LT1260 | 1/2" Drive Dual Sided Socket Lug Nut Remover Tool for all Chrysler/Dodge 22mm chrome cap lug nuts (22/22.5mm) |

3-PIECE TWIST SOCKET LUG NUT REMOVAL SYSTEM

- Removal of damaged 3/4" and 19mm, 13/16" and 21mm lug nuts
- Two dual-sided twist sockets have a fluted design which gives the sockets a tight grip to remove the most difficult locking and damaged lug nuts from the socket
- Works with 1/2" impact gun or breaker bar for service calls
- Includes an extractor punch



492-04200

492-04300

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 492-04200 | 4200A | Dual Sided Twist Socket Lug Nut Remover |
| 492-04300 | 4300 | 3-Piece Twist Socket Lug Nut Removal System |

5-PIECE 1/2" DRIVE TWIST SOCKET SET



- Designed to easily remove damaged, rounded nuts
- Use with 1/2" drive impact wrench or breaker bar
- CR-MO steel for long life
- Heavy duty blow molded case
- INCLUDES: 17mm, 19mm, 21mm & 22mm twist sockets plus a 50mm extractor punch



492-00502

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|---|----------|----------------------------------|
| REPLACEMENT SOCKETS FOR TSS5 SET | | |
| 492-05021 | TSS5-1 | 17mm Replacement Twist Socket |
| 492-05022 | TSS5-2 | 19mm Replacement Twist Socket |
| 492-05023 | TSS5-3 | 21mm Replacement Twist Socket |
| 492-05024 | TSS5-4 | 22mm Replacement Twist Socket |
| 492-05025 | TSS5-5 | Twist Socket Set Extractor Punch |

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-------------------------------------|
| 492-00502 | TSS5 | 5-Piece 1/2" Drive Twist Socket Set |

5-PIECE LOCKING LUG NUT TWIST SOCKET REMOVAL KIT



- Removes locked or damaged lug nuts without a key
- Now in 4 sizes for maximum coverage
- Lug nuts are usually reusable
- Works with a breaker bar or other related tool
- Comes mounted on a 1/2" rail, individually packaged



492-04240

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--|
| 492-04240 | LT-4240 | 5-Piece Locking Lug Nut Twist Socket Removal Kit |

TWIST SOCKET REMOVAL KIT



- This kit easily removes damaged nuts, studs, pipe nipples and bolts
- Comes mounted on a 1/2" rail, individually packaged



492-04400

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 492-04400 | LT4400 | 1/2" Drive 6-Piece Twist Socket Removal Kit |



5-PIECE DEEP TWIST SOCKET SET

- Twist sockets are specifically designed to easily remove damaged, rounded or corroded nuts, wheel lugs, bolts, pipes, pipe nipples or studs
- Simply place the socket so it barely catches the head of the fastener and turn with an air ratchet, hand ratchet, or breaker bar
- The unique spiral fluting bites onto the damaged fastener and won't let go
- APPLICATION: Designed for general automotive applications
- INCLUDES THE FOLLOWING SOCKETS: 19mm-3/4", 13/16", 7/8", 15/16", 1"



492-30116

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-------------------------------|
| 492-30116 | 30116 | 5-Piece Deep Twist Socket Set |



➔ Nut Buddy Lug Nut Remover, Sav-A-Stud Rethreaders



NUT BUDDY LUG NUT REMOVER

- **Loosens the most stubborn wheel nuts** ▪ **APPLICATION:** Use on commercial or agricultural wheels ▪ **GEAR RATIO:** 58:1
- **RATED OUTPUT TORQUE:** 2950 ft/lbs. ▪ **TWO SOCKETS INCLUDED:** 1-1/2" (38mm) and 1-5/16" (33mm)



404-67300

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---------------------------|
| 404-67300 | 67300 | Nut Buddy Lug Nut Remover |

9-PIECE SAVE-A-STUD RETHREAD KIT

- **Repairs damaged wheel studs** ▪ 9-Piece Rethread Kit ▪ For passenger, light truck, and heavy duty
- **Guaranteed for life**
- *Individual dies available*



493-31210

KIT CONTENTS

| |
|--|
| SAE: 7/16"-20, 1/2"-20, 9/16"-18, 5/8"-18 |
| METRIC: 12mm-1.25, 12mm-1.50, 12mm-1.75, 14mm-1.50, 14mm-2.00 |

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|----------------------------------|
| 493-31210 | 31210 | 9-Piece Save-A-Stud Rethread Kit |



SAVE-A-STUD RETHREAD KIT

- **Damaged studs can be renewed in minutes without removing the caliper, rotor, or stud** ▪ A 30-second solution to an hour-long job
- **Solves the problem of removing and replacing damaged wheel studs**
- **Lifetime guarantee**
- *Individual sizes also available*



493-30100

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--------------------------|
| 493-30100 | 30100 | Save-A-Stud Rethread Kit |

TRUCK SAV-A-STUD RETHREADER

- **Repairs wheel studs, spindles and standard threaded studs**



493-30125

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 493-30125 | 30125 | 3/4"-14 Left Hand, 3/4"-14 Right Hand, 22mm x 1.5mm |
| 493-30121 | 30121 | 3/4"-14 Left Hand, 3/4"-14 Right Hand, 22mm x 1.5mm, 1-1/8" Left Hand - 1-1/8" Right Hand |

WHEEL SERVICE PRODUCTS // LUG NUT REMOVAL PRODUCTS

➔ 16-Piece Locking Lug Key Set



Lug Nut Removal Products (cont.)

16-PIECE LOCKING LUG KEY SET

- **Heat treated chrome vanadium steel construction**
- Thin wall sockets prevent damage to wheels
- Double hex head design fits most lug wrenches
- Easily removes locking lug nuts
- Extra long lug keys keep your wrench away from the wheel preventing nicks and scratches
- Packed in blow molded case with color sleeve



402-01283

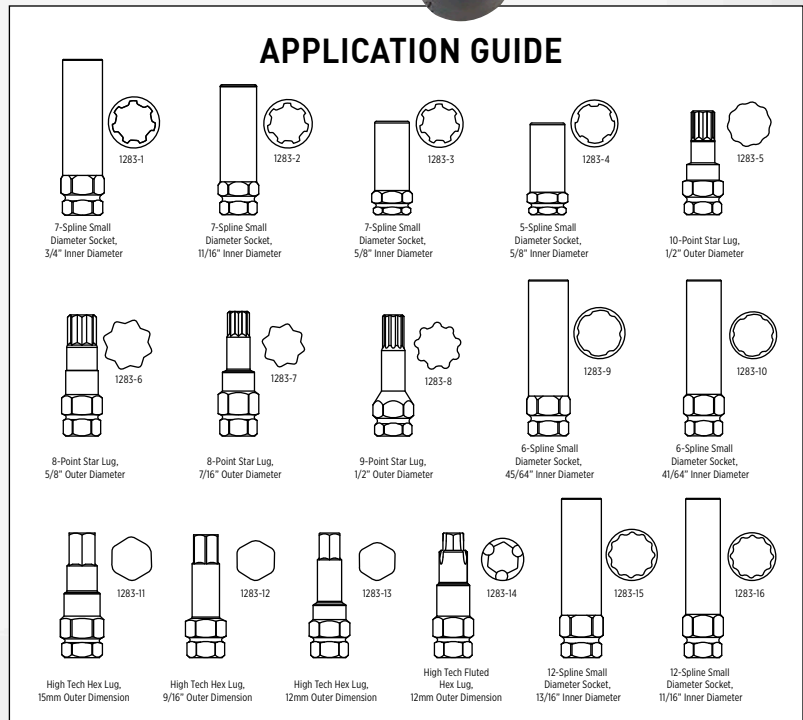
KIT CONTENTS

HEX: 11mm, 12mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm

SOCKETS INCLUDED: (2) 5/8", 41/64", 45/64", (2) 15/32", 19/32", (2) 11/16", 3/4", 7/16", 5/8", (2) 1/2", 13/16", 9/16"

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 402-01283 | CHT1283 | 16-Piece Locking Lug Key Set |
| 402-28301 | 1283-1 | 7-Spline Small Diameter Lug Nut Socket - 3/4" Inner Diameter |
| 402-28302 | 1283-2 | 7-Spline Small Diameter Lug Nut Socket - 11/16" Inner Diameter |
| 402-28303 | 1283-3 | 7-Spline Small Diameter Lug Nut Socket - 5/8" Inner Diameter |
| 402-28304 | 1283-4 | 5-Spline Small Diameter Lug Nut Socket - 5/8" Inner Diameter |
| 402-28305 | 1283-5 | 10-Point Star Lug Nut Key - 1/2" Tip Outer Diameter |
| 402-28306 | 1283-6 | 8-Point Star Lug Nut Key - 5/8" Tip Outer Diameter |
| 402-28307 | 1283-7 | 8-Point Star Lug Nut Key - 7/16" Tip Outer Diameter |
| 402-28308 | 1283-8 | 8-Point Star Lug Nut Key - 1/2" Tip Outer Diameter |
| 402-28309 | 1283-9 | 6-Spline Small Diameter Lug Nut Socket - 45/64" Inner Diameter |
| 402-28310 | 1283-10 | 6-Spline Small Diameter Lug Nut Socket - 41/64" Inner Diameter |
| 402-28311 | 1283-11 | High Tech Hex Lug Nut Key - 15mm Hex Size |
| 402-28312 | 1283-12 | High Tech Hex Lug Nut Key - 9/16" Hex Size |
| 402-28313 | 1283-13 | High Tech Hex Lug Nut Key - 12mm Hex Size |
| 402-28314 | 1283-14 | High Tech Fluted Hex Lug Nut Key - 12mm Hex Size |
| 402-28315 | 1283-15 | 12-Spline Small Diameter Lug Nut Socket - 13/16" Inner Diameter |
| 402-28316 | 1283-16 | 12-Spline Small Diameter Lug Nut Socket - 11/16" Inner Diameter |

APPLICATION GUIDE



WHEEL SERVICE PRODUCTS // LUG NUT REMOVAL PRODUCTS





➔ Sav-A-Stud Rethreaders, Locking Lug Key Set

4-PIECE LUG NUT REMOVER IMPACT SOCKET SET

▪ **APPLICATION:** Use for removing wheel locks or damaged lug nuts ▪ Patented, internal tapered reverse threads lock onto damaged nut and easily pulls off using impact wrench ▪ Convenient compact storage case ▪ **INCLUDES THE FOLLOWING 1/2" DRIVE SIZES:** 3/4", 13/16", 1", 1-1/8" ▪ **MADE IN USA**



492-30254



4-PIECE HEAVY DUTY WHEEL STUD REMOVER SET

▪ **APPLICATION:** Removes damaged wheel studs and inner Budd nuts ▪ Patented, internal tapered reverse threads lock onto damaged stud or nut and easily pulls off using impact wrench ▪ Wheel Stud Removers are 3/4" hex drive ▪ Budd Nut Removers are 1-1/8" hex drive ▪ Convenient compact storage case, 6.5" x 4.5" x 2.75"; 3.5 lbs ▪ **SET INCLUDES THE FOLLOWING SIZES:** 5/8", 3/4", 1-1/8" Budd wheel inner nut left hand thread, 1-1/8" Budd wheel inner nut right hand thread ▪ **MADE IN USA**



492-30649



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 492-30254 | 30254 | 4-Piece Lug Nut Remover Impact Socket Set |

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 492-30649 | 30649 | 4-Piece Heavy Duty Wheel Stud Remover Set |

WHEEL SERVICE PRODUCTS // LUG NUT REMOVAL PRODUCTS

Lug Nut Removal Products (cont.)

1/2" DRIVE 9-PIECE WHEEL LOCK REMOVAL KIT

▪ **APPLICATION:** For Ford, Chrysler & GM Vehicles as well as standard and oversized OEM and aftermarket wheel locks for other domestic and imported cars and light trucks



401-02840

ASCOT NO. MFG. NO. DESCRIPTION

| KIT CONTENTS | | |
|--------------|-------|---|
| 401-02840 | 2840 | 9-Piece Wheel Lock Remover Kit |
| 401-28401 | 28401 | Individual Wheel Lock Remover for Ford and Chrysler Hubcap Locks |
| 401-28402 | 28402 | Individual Wheel Lock Remover for Ford Wheel Locks and 18mm GM Lug Nuts |
| 401-28403 | 28403 | Individual Wheel Lock Remover for Corvette, GM, N & F Body Wheel Locks |
| 401-28404 | 28404 | Individual Wheel Lock Remover for Oversize McGard Wheel Locks |
| 401-28405 | 28405 | Individual Wheel Lock Remover for McGard Wheel Locks & GM Hubcap Locks |
| 401-28406 | 28406 | Individual Wheel Lock Remover Extractor Punch |
| 401-28407 | 28407 | Individual Wheel Lock Remover for Chrysler Hubcap Locks |
| 401-28408 | 28408 | Individual Wheel Lock Remover for GM Hubcap Locks |
| 401-28409 | 28409 | Individual Wheel Lock Remover for GM Spline Hubcap Locks |

ASCOT NO. MFG. NO. DESCRIPTION

| | | |
|-----------|------|---|
| 401-02840 | 2840 | Deluxe Hubcap Wheel Lock Removal System |
|-----------|------|---|

1/2" DRIVE 13-PIECE WHEEL LOCK REMOVAL KIT

▪ **APPLICATION:** For Ford, Chrysler & GM Vehicles as well as standard and oversized OEM and aftermarket wheel locks for other domestic and imported cars and light trucks



401-02841

KIT CONTENTS

| | |
|---|--|
| Ford, Chrysler & Large GM Lock Remover | Oversized McGard Wheel Lock Adapter |
| GM Spline Hublock Adapter | Punch |
| Standard GM Hubcap Locks | Late Model Chrysler Lock Adapter |
| Stripped 18mm/GM Wheel Cover Adapter | 1/2" Dr. 18mm Nut/Corvette GM Lock Remover |
| Corvette-GM N& F Body Adapter | 3/4", 19mm, OS Wheel Lock Remover |
| Standard Ford & GM/ Large Wheel Adapter | 7/8" OS Wheel Lock Remover |
| | 1/2" x 3" Impact Extension |

ASCOT NO. MFG. NO. DESCRIPTION

| | | |
|-----------|----------|--|
| 401-02841 | 12840-13 | 1/2" Drive 13-Piece Wheel Lock Removal Kit |
|-----------|----------|--|

Please contact us for more information regarding **Lug Nut Removal Products**





➔ Chrome Lug Nut Removers

HEAVY DUTY PROFESSIONAL CHROME NUT PULLER

▪ Coated to prevent scratching or damage to chrome, coated or painted lug covers ▪ Cushioned grip to prevent slippage ▪ **NO ADJUSTMENT REQUIRED:** Fits all 33mm & 1½" covers ▪ *Similar to Ken Tool 30606*

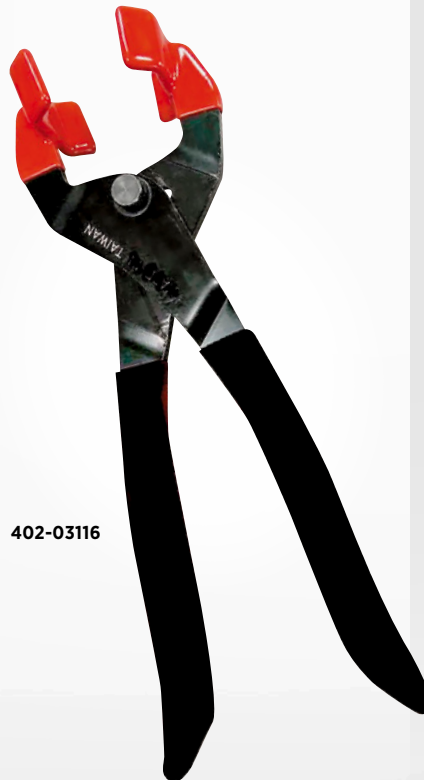


402-03016

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 402-03016 | 202603 | Heavy Duty Professional Chrome Nut Puller with Cushion Handle |

COMMERCIAL TRUCK CHROME LUG NUT PULLER

▪ **Thick carbon steel material provides strength for heavy duty applications** ▪ Round shape handle provides comfort and ease of operation ▪ Suitable for all heavy duty truck lug nut applications ▪ Two hole design can be switched to expand range and size of application ▪ Coated jaws protect painted, aluminum or chrome plated lug nuts from damage



402-03116

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|--|
| 402-03116 | 202603-HD | Commercial Truck Chrome Lug Nut Puller |

CHROME LUG NUT COVER REMOVER

▪ Coated to prevent scratching or damage to chrome, coated or painted lug covers ▪ Cushioned grip to prevent slippage



402-30606

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|------------------------------|
| 402-30606 | 30606 | Chrome Lug Nut Cover Remover |

WHEEL SERVICE PRODUCTS // LUG NUT REMOVAL PRODUCTS

→ Hub Centric Nut

Wheel Attaching Hardware

HUB CENTRIC NUT

By filling the void between the stud hole, "clocking" is eliminated, and problems caused by clocking, such as wheel offs and wheel hub vibrations, are eliminated.

- **Hub Centric Nut fills void standard flange nuts don't**
- **Stops rim from shifting** forwards or backwards
- **Eliminates "clocking"** caused by standard wheel nuts not filling wheel hole completely
- Metric 2-piece hub centering nut
- **Elongated neck** for centering the wheel to the hub
- **Certified American Steel**
- **Each part tested** for thread, fit and finish
- **QUANTITY:** 50 per box

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|-------------------------|
| 491-00133 | X10-PN22B | 33mm Hex X 1.5mm Thread |

SIDE VIEW



TOP VIEW



491-00133
Hub Centric Nut



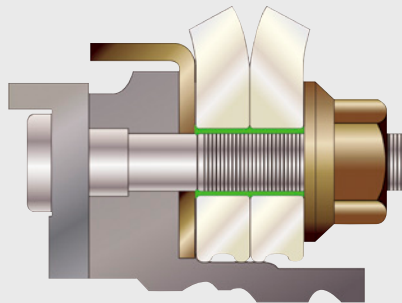
Oil Nut



Oil Stud

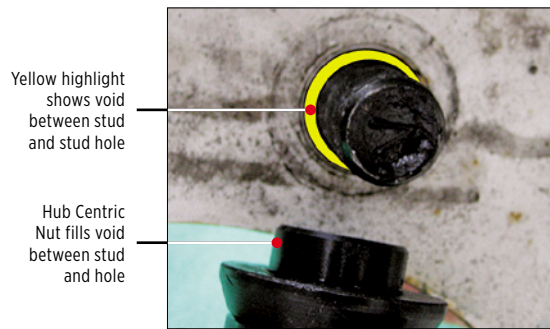
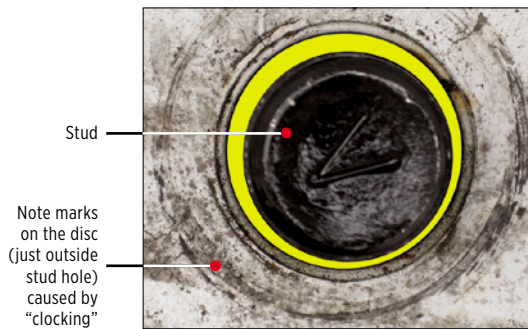
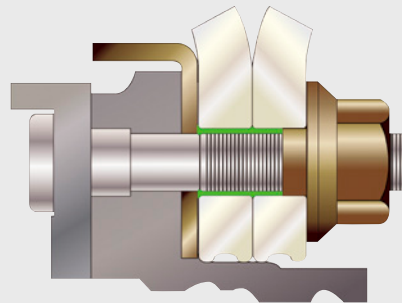
WHEEL ASSEMBLY WITH STANDARD NUT

Void (Highlighted in Green) between stud and hole



WHEEL ASSEMBLY WITH HUB CENTRIC NUT

Hub Centric Nut fills void between stud and hole



This nut had been torqued to specifications and retorqued per factory settings.



33MM SKIRT NUT

- **Original Skirt Nut** ▪ Replaces standard M22 flange nuts on 11.25" hub-piloted wheels
- Partially penetrates the stud hole and prevents clocking and vibration
- **QUANTITY:** 100 per case



491-01133

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|----------------|
| 491-01133 | SN-M22 | 33mm Skirt Nut |

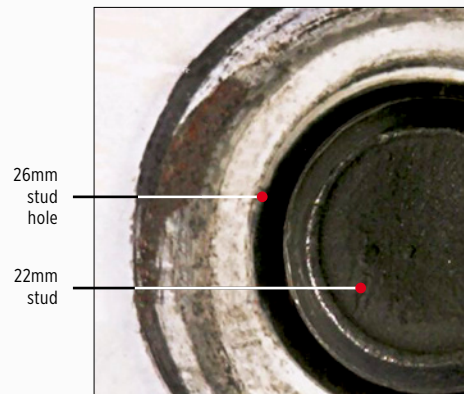
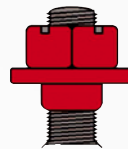
Please contact us for more information regarding Skirt Nuts

SKIRT NUTS

- **Stops wheel/hub vibrations and many tire wearing problems**
- Stops wheel movement (clocking) on the face of the hub
- Eliminates wasted fuel caused by rolling resistance or "drag"
- Special graphite coating prevents nut from rusting onto the hub
- **QUANTITY:** 25 per box



Extended threading allowing Skirt Nut to go down into Hub-Piloted Disc Wheel an extra 3/16" (5mm) into stud hole



26mm stud hole
22mm stud

There is a fairly large tolerance between the diameter of each stud hole and the diameter of the stud itself.



491-02301



491-02906



491-02919



491-02928



491-02939

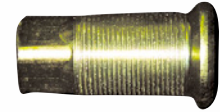
| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--|
| 491-02301 | GL-2301 | Haltec 33mm 2-Piece Flange Nut: <ul style="list-style-type: none"> ▪ 130 per Case ▪ Inner Thread M22-1.5 ▪ For Uni-Mount 10-Hole Systems |
| 491-02906 | GL-2906 | Haltec 6mm Sleeve Nut: Steel Steers |
| 491-02919 | GL-2919 | Haltec 19mm Sleeve Nut: <ul style="list-style-type: none"> ▪ Aluminum Steers ▪ Steel/Steel Drives ▪ Steel Outer/Aluminum Inner Drives |
| 491-02928 | GL-2928 | Haltec 28mm Sleeve Nut: <ul style="list-style-type: none"> ▪ HD Aluminum ▪ Super Single ▪ Wide Base ▪ Aluminum Outer/Steel Inner Drives |
| 491-02939 | GL-2939 | Haltec 39mm Sleeve Nut: Dual Aluminum Drive Axle |

WHEEL SERVICE PRODUCTS // WHEEL ATTACHING HARDWARE

Wheel Attaching Hardware (cont.)

GRADE 8 DISC WHEEL HARDWARE-INNER CAP NUTS

| ASCOT NO. FOR SIRCO | SIRCO NO. | ASCOT NO. FOR GLP | GLP NO. | OUTER THREAD | INNER THREAD | OVERALL LENGTH | SIMILAR TO: | | | |
|------------------------|--------------|----------------------|------------|-----------------|-----------------|-------------------|-------------------|-------------------------|-----------------|-------------|
| | | | | | | | Budd | Euclid | Leland | Steel/Steel |
| 491-00708 | 708AR | 491-01001 (RH) | GL-1001 | 1 1/8" - 16 | 3/4" - 16 | 2 7/32" | Budd 10708 | Euclid 7895R | Leland W-11 | Steel/Steel |
| 491-00709 | 709AL | 491-01002 (LH) | GL-1002 | 1 1/8" - 16 | 3/4" - 16 | 2 7/32" | Budd 10709 | Euclid 7895L | Leland W-12 | Steel/Steel |
| 491-00896 | 896R | 491-01003 (RH) | GL-1003 | 1 1/8" - 16 | 3/4" - 16 | 2 9/16" | Budd 35336 | Euclid 7896R | Leland W-620 | Steel/Alum |
| 491-01896 | 896L | 491-01004 (LH) | GL-1004 | 1 1/8" - 16 | 3/4" - 16 | 2 9/16" | Budd 35337 | Euclid 7896L | Leland W-621 | Steel/Alum |
| 491-00897 | 897R | 491-01005 (RH) | GL-1005 | 1 1/8" - 16 | 3/4" - 16 | 3 1/16" | Budd 22621 | Euclid 7897R | Leland W-616 | Steel/Alum |
| 491-01897 | 897L | 491-01006 (LH) | GL-1006 | 1 1/8" - 16 | 3/4" - 16 | 3 1/16" | Budd 22622 | Euclid 7897L | Leland W-617 | Steel/Alum |
| 491-00978 | 988R | 491-01011 (RH) | GL-1011 | 1 1/8" - 16 | 3/4" - 16 | 3 1/16" | Alcoa 5988R | Euclid 5988R | Leland W-486 | Alum/Alum |
| 491-01978 | 988L | 491-01012 (LH) | GL-1012 | 1 1/8" - 16 | 3/4" - 16 | 3 1/16" | Alcoa 5988L | Euclid 5988L | Leland W-487 | Alum/Alum |
| METRIC | | | | | | | | | | |
| 491-00306 | 306R | 491-01009 (RH) | GL-1009 | M30 -1.5 | M20 -1.5 | M-62 (2 7/16") | Hino 900423101 | Isuzu 1-42335005 - Zinc | | |
| 491-01306 | 306L | 491-01010 (LH) | GL-1010 | M30 -1.5 | M20 -1.5 | M-62 (2 7/16") | Hino 900424101 | Isuzu 1-42336005 - Zinc | | |



491-01001



491-01003



491-01011

GRADE 8 DISC WHEEL HARDWARE-OUTER CAP NUTS

| ASCOT NO. FOR SIRCO | SIRCO NO. | ASCOT NO. FOR HALTEC | HALTEC NO. | SIMILAR TO: | | |
|------------------------|--------------|-------------------------|---------------|-----------------------------|------------------|-----------------|
| | | | | Budd | Euclid | Leland |
| 491-00891 | 891AR | 491-02001 (RH) | GL-2001 | Budd 37891 | Euclid 5997R | Leland W-13 |
| 491-00892 | 892AL | 491-02002 (LH) | GL-2002 | Budd 37892 | Euclid 5997L | Leland W-14 |
| 491-00888 | 888R | 491-02101 (RH) | GL-2101 | Budd 37888 | Euclid 5652R | Leland W-15 |
| 491-00889 | 889L | 491-02102 (LH) | GL-2102 | Budd 37889 | Euclid 5652L | Leland W-16 |
| 491-00995 | 995R | 491-02103 (RH) | GL-2103 | Alcoa 5995R | Euclid 5995R | Leland W-506 |
| 491-01995 | 995L | 491-02104 (LH) | GL-2104 | Alcoa 5995L | Euclid 5995L | Leland W-507 |
| N/A | 891BR | 491-01891 | GL-2004 | THRU HARDNESS - GMC-3988631 | | |
| N/A | 892BL | 491-02892 | GL-2003 | THRU HARDNESS - GMC-3988631 | | |
| N/A | N/A | 491-02203 | GL-2203 | Budd 95188 | Euclid 9022R | Dodge 3637719 |
| N/A | N/A | 491-02204 | GL-2204 | Budd 95189 | Euclid 9022L | Dodge 3637720 |
| N/A | N/A | 491-02202 | GL-2202 | Budd 81269 | Euclid 5734 | GMC 3771410 |
| N/A | N/A | 491-02303 | GL-2303 | Alca 389928 | Ford E4TZ-1012A | N/A |
| METRIC | | | | | | |
| 491-00304 | 304R | 491-02009 | GL-2009 | Hino 900421112 | Isuzu 1-42333023 | Leland W-722/3 |
| 491-01304 | 304L | 491-02010 | GL-2010 | Hino 900422104 | Isuzu 1-42334023 | Euclid 10254R/L |
| 491-00033 | 333B | 491-02301 | GL-2301 | Budd 106333 | Euclid 6000A | Leland W-498 |
| 491-00881 | 881M | 491-02302 | GL-2302 | MW 88881 | Euclid 5991 | Leland W-492 |



491-02001



491-02203



Lubricate nut & stud
before applying to
the vehicle

➔ Wheel Centering Sleeves & Installation/Removal Tool, Wheel Stud Alignment Set



COUNTERACT WHEEL CENTERING SLEEVES

▪ **Patent pending wheel centering system that works in conjunction with your OEM style two-piece flange nuts** ▪ Unique self-sizing & non-corrosive design is made to take-up the gap between the 22mm stud and the 26mm wheel opening, re-aligning the wheel to the TRUE CENTER of the hub bearing ▪ **BENEFITS INCLUDE:** Increased fuel mileage, increased tire life, decreased tire vibration, stops irregular tire wear, decreased tire maintenance, reduced tire cupping, reduced "wheel off" conditions ▪ Specifically designed to ensure your wheel is centered on the wheel assembly ▪ Made from a high temperature resistant polyamide



The Counteract Wheel Centering Sleeves in use.



491-02006



491-02100

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--|
| 491-02006 | WCS-B | Counteract Wheel Centering Sleeves (Pack of 6) |
| 491-02100 | WCS-C | Counteract Wheel Centering Sleeves (Bucket of 100) |
| 491-02101 | WCS-D | Counteract Wheel Centering Sleeves (Bucket of 1000 w/ Installation Tool) |



WHEEL STUD ALIGNMENT SET

▪ **5 SIZES:** M12 x 1.25, M12 x 1.5, M12 x 1.75, M14 x 1.25, M14 x 1.5 ▪ Each stud is marked with the thread size ▪ Color coded for easy identification ▪ Knurled edges provide a secure grip ▪ Comes in a sturdy blow molded case



491-19010

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-----------------------------------|
| 491-19010 | OT-190F | 10-Piece Wheel Stud Alignment Set |

COUNTERACT INSTALLATION/REMOVAL TOOL

▪ **Specifically designed to install and remove Counteract Centering Sleeves**



491-02111

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--------------------------------------|
| 491-02111 | WCS-IT | Counteract Installation/Removal Tool |

WHEEL SERVICE PRODUCTS // WHEEL ATTACHING HARDWARE



⚠ **WARNING:** For more information go to www.P65Warnings.ca.gov.

ASCOT SUPPLY CORPORATION

BUYER'S GUIDE

➔ Mud Flap Bolt Kit, Spoke Wheel Hardware, Oil Seal Hubs & Gaskets, Cone Wheel Nuts, Brake Drum Mounting Hardware



Wheel Attaching Hardware (cont.)

MUD FLAP BOLT KIT

▪ All the hardware needed to attach mud flaps to trucks or trailers ▪ **INCLUDES:** (4) 3/8"-16 x 1-1/4" bolts, (4) 3/8" Nuts, (8) 3/8" flat washers & (4) 3/8" lock washers

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-------------------|
| 491-00038 | MFBK | Mud Flap Bolt Kit |



491-00038

SPOKE WHEEL HARDWARE



491-03005



491-03002

| ASCOT NO. FOR SIRCO | SIRCO NO. | ASCOT NO. FOR HALTEC | HALTEC NO. | THREAD | SIMILAR TO: | | |
|----------------------------|-----------|----------------------|------------|--------------|-------------|---------------|------------|
| RIM CLAMP NUTS | | | | | | | |
| 491-00149 | 149 | 491-03004 | GL-3004 | 5/8-11 | Dayton 5149 | Euclid 4962 | Leland W-7 |
| 491-00716 | 716 | 491-03005 | GL-3005 | 3/4-10 | Dayton 5716 | Euclid 4963 | Leland W-8 |
| RIM STUDS (GRADE 8) | | | | | | | |
| 491-00654 | 654 | 491-03001 | GL-3001 | 5/8-11x2-3/4 | Dayton 6654 | Euclid 4958 | Leland W-5 |
| N/A | N/A | 491-03002 | GL-3002 | 3/4-10x3 | Dayton 5715 | Euclid 4956-A | Leland W-6 |

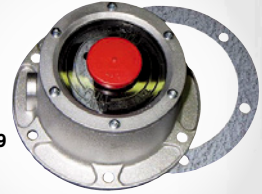
LOCKING BACK NUTS

491-06023



| ASCOT NO. | HALTEC NO. | SIZE | SIMILAR TO: | |
|-----------|------------|---------|--------------|-------------|
| 491-06023 | GL-6023 | 5/8"-18 | MW 85643 | — |
| 491-02431 | GL-2431 | 7/8"-14 | Budd 41073-8 | Euclid 1835 |
| 491-02445 | GL-2445 | 1"-14 | Budd 44672-9 | Euclid 1828 |

OIL SEAL HUBCAPS AND GASKETS



491-04009

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--------------------------------|
| 491-04009 | GL-4009 | Standard 6-Hole Hubcap |
| 491-04012 | GL-4012 | 6-Hole Gasket for Above |
| 491-04013 | GL-4013 | Universal Gasket - 5 or 6 Hole |
| 491-04020 | GL-4020 | Replaceable Window Kit |
| 491-04021 | GL-4021 | Rubber Plug for Bolt-On Cap |
| 491-09013 | GL-4913 | Fruehauf/Propar Cap |
| 491-09014 | GL-4974 | O-Ring for Screw-On Cap |

CONE WHEEL NUTS



491-00014

| ASCOT NO. | MFG. NO. | SIZE | DESCRIPTION |
|-----------|----------|------------------------------------|-------------|
| 491-00014 | GL-0014 | 7/16"-20 (3/4" Hex, 9/16" High) | G.M. |
| 491-00016 | GL-0016 | 1/2"-20 (13/16" Hex, 5/8" High) | Ford |
| 491-00027 | GL-0027 | 1/2"-20 (3/4" Hex, 9/16" High) | Chrysler |
| 491-00062 | GL-0062 | 12mm-1.5 (19mm Hex, 14mm High) | G.M. |
| 491-00066 | GL-0066 | 12mm-1.5 (21mm Hex, 16mm High) | Toyota |
| 491-00065 | GL-0065 | 12mm-1.25 (21mm Hex, 16mm High) | Nissan |
| 491-00064 | GL-0064 | 12mm-1.25 (19mm Hex, 16mm High) | Nissan |
| 491-00052 | GL-0052 | 9/16"-18 (7/8" Hex, 3/4" High) | G.M. |
| 491-00055 | GL-0055 | R.H. 5/8"-18 (1" Hex, 21/32" High) | Budd 67147 |
| 491-00056 | GL-0056 | L.H. 5/8"-18 (1" Hex, 21/32" High) | Budd 67147 |

BRAKE DRUM MOUNTING HARDWARE



491-06014

| ASCOT NO. | MFG. NO. | SIZE | DESCRIPTION |
|-----------|----------|-------------|---------------------------------|
| 491-06012 | GL-6012 | 5/8-18 x 2" | 5/8" Brake Bolt/Washer/Assembly |
| 491-06014 | GL-6014 | 3/4-16 x 2" | 3/4" Brake Bolt/Washer/Assembly |
| 491-06020 | GL-6020 | 5/8-18 x 2" | Brake Bolt Only |
| 491-06021 | GL-6021 | 3/4-16 x 2" | Brake Bolt Only |
| 491-06025 | GL-6025 | 5/8" | Flat Washer |
| 491-06026 | GL-6026 | 3/4" | Flat Washer |
| 491-06023 | GL-6023 | 5/8"-18" | Lock Nut Only |
| 491-06024 | GL-6024 | 3/4"-16" | Lock Nut Only |

➔ Rim Clamps, Wheel Guard, Wheel Shield, Wheel Protectors, Installation Tool

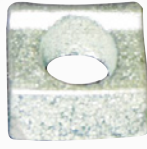
RIM CLAMPS



491-03097



491-03113



491-06115



INSTALLATION TOOL FOR ALCOA HUB COVER SYSTEMS

▪ **APPLICATION:** For use with Alcoa 076185, 077185, 076188 & 077188 Hub Systems



491-00600

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 491-00600 | 600 | Installation Tool for Alcoa Hub Cover Systems |

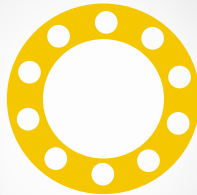
| ASCOT NO. FOR SIRCO | SIRCO NO. | ASCOT NO. FOR HALTEC | HALTEC NO. | A DIM. | B. DIM. | C. DIM. | SIMILAR TO: | | |
|---------------------|-----------|----------------------|------------|--------|---------|---------------------|------------------|--------------|--------------|
| | | | | | | | Dayton | Euclid | Leland |
| 491-00399 | 399 | 491-03083 | GL-3083 | N/A | N/A | N/A | Dayton 8399 | Euclid 5927 | Leland W-124 |
| 491-00729 | 729 | 491-03087 | GL-3087 | N/A | N/A | N/A | Dayton 09-729514 | Euclid 5838 | Leland W-407 |
| 491-00123 | 123 | 491-03096 | GL-3096 | 1-1/8" | 2-7/8" | 2-11/32", 3/4" Stud | Dayton 6123 | Euclid 5571A | Leland W-3 |
| 491-00235 | 235 | 491-03097 | GL-3097 | 1-3/4" | 2-7/8" | 2-11/32", 3/4" Stud | Dayton 6235 | Euclid 5572A | Leland W-4 |
| 491-00993 | 993 | 491-03098 | GL-3098 | 1-1/2" | 2-7/8" | 2-11/32", 3/4" Stud | Dayton 6993 | Euclid 5040A | Leland w-120 |
| N/A | N/A | 491-03099 | GL-3099 | 2-1/8" | 2-7/8" | 2-11/32", 3/4" Stud | Dayton 705317 | Euclid 5786 | Leland W-403 |
| N/A | N/A | 491-03101 | GL-3101 | 1-7/8" | 2-7/8" | 2-11/32", 3/4" Stud | Dayton 851817 | Webb 16124 | Leland W-404 |
| N/A | N/A | 491-03103 | GL-3103 | 1-1/4" | 2-7/8" | 2-11/32", 3/4" Stud | Dayton 8708 | Euclid 5784 | Leland W-405 |

| ASCOT NO. FOR SIRCO | SIRCO NO. | ASCOT NO. FOR HALTEC | HALTEC NO. | SIMILAR TO: | | |
|---------------------|-----------|----------------------|------------|------------------|-------------|--------------|
| | | | | Mack | Euclid | Leland |
| 491-00257 | 257 | 491-03113 | GL-3113 | Mack 15QJ-17P1 | Euclid 5828 | Leland W-450 |
| 491-00238 | 238 | 491-03271 | GL-3271 | Mack 15QJ-223BP8 | Euclid 5781 | Leland W-448 |
| 491-00233 | 233 | 491-03279 | GL-3279 | Mack 15QJ-223BP3 | Euclid 5821 | Leland W-467 |
| N/A | N/A | 491-06115 | GL-6115 | Kelsey 79954 | N/A | N/A |



STANDARD WHEEL RIM GUARD

▪ **APPLICATION:** Protects aluminum, chrome and painted truck rims/wheels during stud and nut removal
 ▪ Inexpensive ▪ Tough polymer design



402-50301

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--------------------------|
| 402-50301 | 50301 | Standard Wheel Rim Guard |



The standard wheel rim guard in use.

ALUMINUM WHEEL SHIELD

▪ **APPLICATION:** Covers entire wheel while changing tires ▪ Protects aluminum wheel surface from ground ▪ Torque sequence imprint



402-50200

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-----------------------|
| 402-50200 | 50200 | Aluminum Wheel Shield |



The aluminum wheel shield in use.

DISCMATE WHEEL PROTECTORS

▪ **Used to protect the wheel's mounting surface from cosmetic damage during use** ▪ Placed between the wheel and it's mounting surface on the vehicle and may also be used between 2 dual wheels for added protection ▪ *Wheel nuts should always be tightened to the correct torque following the wheel manufacturer's specifications*



Discmate Wheel Protectors

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|--|
| 402-11000 | 61020 | 10-Hole 285.75mm, Hub Pilot, 22mm Studs |
| 402-17000 | 61000 | 10-Hole 11-1/4" Stud-Pilot, 1-1/8" Studs |
| 402-18000 | 61040 | 10-Hole 335mm, 32mm Cap Nuts, 22mm Studs |

WHEEL SERVICE PRODUCTS // WHEEL ATTACHING HARDWARE

→ Wheelok Systems for Heavy Duty Vehicles, Autos & Light Trucks

Tire & Wheel Service Tools

WHEELOK SYSTEMS FOR HEAVY DUTY VEHICLES

▪ **APPLICATION:** For trucks, tractors or trailers with spoke (Dayton) Wheels



401-10430



401-10431

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|---|
| 401-10431 | X10-DN43Z | Wheelok Nut & Free Spinning Sleeve - 2 Recommended For Each Wheel to Replace 2 Regular Nuts |
| 401-10430 | X10-DK43Z | Wheelok Key With Replaceable Pin - "Combination" Determined By Position Of Pins |

WHEELOK SYSTEMS FOR HEAVY DUTY VEHICLES

▪ **APPLICATION:** For trucks, tractors or trailers with Budd Unimount™ Wheels - 22mm thread or equivalent



401-10220

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|---|
| 401-10220 | X10-UN22Z | Wheelok Nut, Flange and Free Spinning Sleeve - Combined Into One Single Unit |
| 401-10221 | X10-UK22Z | Wheelok Key with Replaceable Pin - "Combination" Determined By Position Of Pins |

WHEELOK SYSTEMS FOR HEAVY DUTY VEHICLES: FRONT WHEELS

▪ **APPLICATION:** For trucks, tractors or trailers with disc (Budd) Wheels; For truck or tractor front wheels

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|---|
| 401-10160 | X10-BN16Z | Wheelok Nut & Free Spinning Sleeve - Right-Hand Thread - 2 For Each Wheel To Replace 2 Regular Nuts |
| 401-10170 | X10-BN17Z | Wheelok Nut & Free Spinning Sleeve - Left-Hand Thread - 2 For Each Wheel to Replace 2 Regular Nuts |

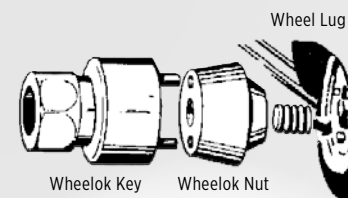
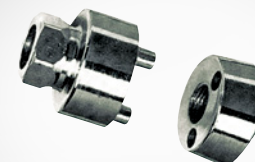
WHEELOK SYSTEMS FOR HEAVY DUTY VEHICLES: REAR WHEELS

▪ **APPLICATION:** For trucks, tractors or trailers with disc (Budd) Wheels; For truck or tractor rear wheels

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|---|
| 401-10280 | X10-BN28Z | Wheelok Nut Only - Right Hand Thread - 2 For Each Wheel To Replace 2 Regular Nuts |
| 401-10290 | X10-BN29Z | Wheelok Nut Only - Left Hand Thread - 2 For Each Wheel To Replace 2 Regular Nuts |
| 401-10810 | X10-BK81Z | Wheelok Key With Replaceable Pin - "Combination" Determined By Position Of Pins |

WHEELOK SYSTEMS FOR AUTOS & LIGHT TRUCKS

▪ **EACH KIT INCLUDES:** 4 nuts (1 for each wheel) and 1 key ▪ Available for American vehicles and imports ▪ *Combination determined by order of pins*

Wheel Lug
Wheelok Key Wheelok Nut

401-10000

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|---|
| 401-10000 | X10-SS00C | Wheelok System for autos & light trucks |



➔ Rib Nut Salvage Tool Kit, Hex Nut Remover Kits, Stud Installers & Removers, Square Head Adapter, Drive-On Rib-Grip Lug-Off Kits

RIB NUT SALVAGE TOOL KIT

▪ **INCLUDES:** (1) Drift Pin, (1) Salvage Cylinder, (1) LH Thread Bolt, (1) RH Thread Bolt



499-10150

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|--------------------------|
| 499-10150 | X10-LS15B | Rib Nut Salvage Tool Kit |

3-PIECE HEX NUT REMOVER KITS



492-15000

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|--------------------------------------|
| 492-15000 | X10-NR15B | 1-1/2" Hex Nut Remover Kit - 3 Piece |
| 492-14000 | X10-NR14B | 1-1/4" Hex Nut Remover Kit - 3 Piece |

STUD INSTALLERS



492-10158

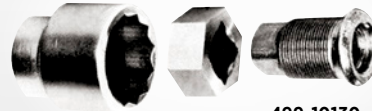
492-10134

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|--|
| 492-10134 | X10-SI34Z | For 3/4" Studs. Fits 1-1/4" Socket |
| 492-10150 | X10-LC15B | Rib Nut Salvage Cylinder |
| 492-10158 | X10-SI58Z | For 5/8" Studs. Fits 1-1/4" Socket |
| 492-10159 | X10-SI59Z | For 5/8" x 18 Studs. Fits 1-1/4" Socket |
| 492-10196 | X10-SI96Z | For 9/16" x 18 studs. Fits 1-1/4" Socket |
| 492-10590 | X10-SI59Z | 5/8"- 18 Stud Installer |

STUD REMOVERS

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|--------------------------------------|
| 492-10340 | X10-SR34B | For 3/4" Studs. Fits 1-1/4" Socket |
| 492-10580 | X10-SR58B | For 5/8" Studs. Fits 1-1/4" Socket |
| 492-10180 | X10-SR18B | For 1-1/8" Studs. Fits 1-1/4" Socket |
| 492-10780 | X10-SR78B | For 7/8" Studs. Fits 1-1/4" Socket |

13/16" SQUARE HEAD ADAPTER



499-10130

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|--|
| 499-10130 | X10-SA13B | Fits 1-1/2" Socket Wrench to Speed Up Installing Or Removing Budd Wheel Inner Cap Nuts |
| 499-10171 | X10-SA17B | 17mm Stud Adapter |
| 499-10210 | X10-SA21B | 21mm Stud Adapter |

HEAVY DUTY DRIVE-ON RIB-GRIP LUG-OFF KITS



499-10200

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|--|
| 499-10200 | X10-LT20B | For Removing Damaged Inner Cap Nuts (1-1/8" Dia. - 13/16" Square Head) INCLUDES: (1) Drive-On Tool And (1) Rib Nut |
| 499-10340 | X10-LT34B | For Removing Damaged 3/4" Lug Studs. INCLUDES: (1) Drive-On Tool And (1) Rib Nut |
| 499-10580 | X10-LT58B | For Removing Damaged 5/8" Lug Studs. INCLUDES: (1) Drive-On Tool, (1) Rib Nut |
| 499-10660 | X10-LT66B | Triple Duty Tool For Removing Damaged Budd Wheel Inner Cap Nuts, 3/4" And 5/8" Lug Studs. INCLUDES: (1) Drive-On Tool and (3) Rib Nuts |

REPLACEMENT RIB NUTS

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|-------------------------------|
| 499-10180 | X10-LN18B | For Budd Wheel Inner Cap Nuts |
| 499-10341 | X10-LN34B | For 3/4" Lug Studs |
| 499-10581 | X10-LN58B | For 5/8" Lug Studs |
| 499-10211 | X10-LN21B | For 21mm Lug Studs |
| 499-11171 | X10-LN17B | For 17mm Lug Studs |
| 492-10151 | X10-LP15Z | Drive Pin |

Please contact us for more information regarding **Tire & Wheel Service Tools**

WHEEL SERVICE PRODUCTS // TIRE & WHEEL SERVICE TOOLS



⚠ **WARNING:** For more information go to www.P65Warnings.ca.gov.

ASCOT SUPPLY CORPORATION

BUYER'S GUIDE

→ Wheel Stud Installers, Spare Tire Tool Set

Tire & Wheel Service Tools (cont.)



WHEEL STUD INSTALLER

▪ Works on most all automotive and light-duty truck wheel studs, import and domestic ▪ Use with a ratchet or impact wrench to pull the new stud securely in place, position the tool over the stud shaft and then tighten the lug nut against the tool to pull the stud in place



492-22800

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|----------------------|
| 492-22800 | 22800 | Wheel Stud Installer |

TRUCK WHEEL STUD INSTALLER

▪ Fits truck wheel studs up to 22mm (7/8") in diameter ▪ Use with an impact wrench or ratchet ▪ The tool body is equipped with a thrust bearing to easily pull the new wheel stud into place ▪ Use the lug nut to tighten against the tool body to pull the stud in position



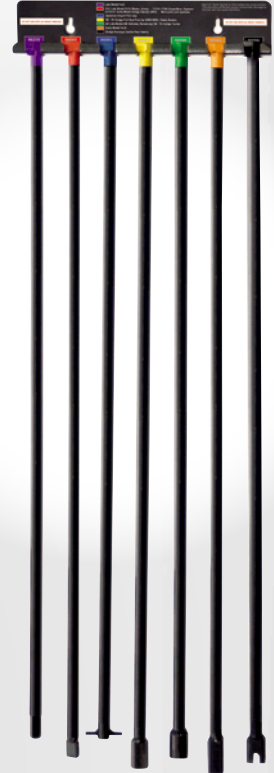
492-28950

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|----------------------------|
| 492-28950 | 28950 | Truck Wheel Stud Installer |

7-PIECE SPARE TIRE TOOL SET



▪ Allows anyone to quickly remove difficult to reach spare tires ▪ No more digging through the customer's vehicle to locate the spare tire removal kit ▪ Color-coded wall bracket allows user to quickly identify the correct removal tool ▪ APPLICATION: Includes many trucks & SUV's where the spare tire is located under the vehicle



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-----------------------------|
| 319-96090 | 96090A | 7-Piece Spare Tire Tool Kit |

319-96090

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-------------|
|-----------|----------|-------------|

| INDIVIDUAL SPARE TIRE TOOLS | | |
|-----------------------------|-------|--|
| 319-96091 | 96091 | Spare Tire Tool - Flat Head: Red APPLICATION: For Use on Late Model S10 trucks, Explorers, Blazers, Jimmys, F150s, Expeditions, Older Dakota 2-Wheel Drives and McGuard Lock Systems |
| 319-96092 | 96092 | Spare Tire Tool - Pin Head: Blue APPLICATION: For Use on Import Trucks |
| 319-96093 | 96093 | Spare Tire Tool - Hex Head: Yellow APPLICATION: For Use on Dodge Full Size and Stake Bodies, '98-'01 Dodge Full-Size 4-Wheel Drive |
| 319-96094 | 96094 | Spare Tire Tool - 12mm Square Head: Green APPLICATION: For Use on All Late Model GMs, Remaining '98-'03 Dodge Trucks |
| 319-96095 | 96095 | Spare Tire Tool - Std. Square Head: Orange APPLICATION: For Use on Older Ford Trucks |
| 319-96096 | 96096 | Spare Tire Tool - Slotted Square Head: Black APPLICATION: For Use on Dodge Durango, Inside the Hatch |
| 319-96097 | 96097 | Wall Mount Bracket for Spare Tire Tool Set Color-coded to allow user to quickly identify the correct removal tool |
| 319-96098 | 96098 | Spare Tire Tool - 3/8" Square Head: Purple APPLICATION: For Use on New Ford Models |

WHEEL SERVICE PRODUCTS // TIRE & WHEEL SERVICE TOOLS

➔ Thread Pitch Gauge, Chamfer/Nut Gauge, Rim Flange Wear Gauge, Wheel Installation Sleeves, Portable Truck Wheel Stud Installer & Remover



UNI-MOUNT M22 THREAD PITCH GAUGE

▪ **APPLICATION:**

Designed for M22 x 1.5 Uni-Mount

Studs ▪ If the thread teeth do not fully engage the stud, the stud should be removed from service ▪ Simple to use



401-69260



| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|------------------------|
| 401-69260 | 69260 | Uni-Mount Thread Gauge |

CHAMFER/NUT GAUGE

▪ **Kit shows when wheel chamfers and wheel nuts are worn out** ▪ Visual guide detects excessive wear in bolt holes

▪ **APPLICATION:** For use with steel stud piloted wheels



401-69290

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-------------------|
| 401-69290 | 69290 | Chamfer Nut Gauge |

ALCOA WHEEL INSTALLATION SLEEVES

▪ **Align wheel bolt holes** ▪ Seat brake drums that have .980" diameter bolt holes ▪ Prevent damage to M22x1.5 studs ▪ Assist in lining up all components for ease of install ▪ **INCLUDES:** 2 tools per kit ▪ **Made in USA**



491-00426

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|----------------------------------|
| 491-00426 | 407422 | Alcoa Wheel Installation Sleeves |



For Penetrants, please see Tire & Wheel Service section



ALCOA RIM FLANGE WEAR GAUGE

▪ **Determines if wheel must be removed from service due to excessive rim flange wear**



401-00700

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-----------------------------|
| 401-00700 | 000700 | Alcoa Rim Flange Wear Gauge |



PORTABLE TRUCK WHEEL STUD REMOVER & INSTALLER

▪ **Power of a 10-ton shop press**
 ▪ Remove and install studs without removing the hub ▪ Two-hour job is done in twenty minutes without risk of damaging seals or bearings
 ▪ Any mechanic can use it to get the job done right in minutes



492-06346

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---------------------------------------|
| 492-06247 | 6247 | PakPress Cart |
| 492-06346 | 6346 | Complete PakPress Kit (Includes Cart) |

WHEEL SERVICE PRODUCTS // TIRE & WHEEL SERVICE TOOLS

Stud and Hub Cleaning Tools

STUD CLEANING TOOLS

- Allows for cleaning the full length of the thread on 10 studs in less than 3 minutes
- Works with air or hand tools
- CAUTION: Always use eye protection
- 1/2" adapter included with each tool
- Replacement Brushes Available



ASCOT NO. MFG. NO. DESCRIPTION

| REPLACEMENT BRUSHES FOR STUD CLEANING TOOLS | | |
|---|-------|---------------------------|
| 402-00112 | SBR12 | 12mm (7/16") Repl. Brush |
| 402-00113 | SBR13 | 13mm (1/2") Repl. Brush |
| 402-00014 | SBR14 | 14mm (9/16") Repl. Brush |
| 402-00016 | SBR16 | 16mm (5/8") Repl. Brush |
| 402-00118 | SBR18 | 18mm (45/64") Repl. Brush |
| 402-00120 | SBR20 | 20mm (25/32") Repl. Brush |
| 402-00122 | SBR22 | 22mm (7/8") Repl. Brush |
| 402-00128 | SBR28 | 28mm (1-1/8") Repl. Brush |



402-00013



402-00022



402-00028



Replacement Brush for Stud Cleaning Tool



Before



After

Stud Cleaning Tool in use.

ASCOT NO. MFG. NO. DESCRIPTION

| | | |
|-----------|---------|----------------------------------|
| 402-00013 | SBCT-13 | 13mm (1/2") Stud Cleaning Tool |
| 402-00022 | SBCT-22 | 22mm (7/8") Stud Cleaning Tool |
| 402-00028 | SBCT28 | 28mm (1-1/8") Stud Cleaning Tool |



➔ Stud Cleaning Kit, Hub Buddy Tool

**PROFESSIONAL
STUD/HUB BRUSH KIT**

- Ideal for hub and stud cleaning job with ease
- **QUICK AND EASY:** Change brushes in seconds
- Includes a 1/2" drive adapter
- Powered by a cordless drill
- Replacement brushes available



**QUICK &
EASY TO
USE**

402-32610



402-32613



402-32615

ASCOT NO. MFG. NO. DESCRIPTION

REPLACEMENT COMPONENTS FOR STUD/HUB BRUSH KIT

| | | |
|-----------|------------|---|
| 402-32611 | 203611-ASC | Plastic Hub/Stud Tool & Adapter |
| 402-32613 | 203613-ASC | 4-Pack of Replacement 14mm Stud Brushes |
| 402-32614 | 203614-ASC | 4-Pack of Replacement 22mm Stud Brushes |
| 402-32615 | 203615-ASC | 4-Pack of Replacement Passenger Hub Brushes |
| 402-32616 | 203616-ASC | 4-Pack of Replacement Truck Hub Brushes |

| | | |
|-----------|------------|--------------------|
| ASCOT NO. | MFG. NO. | DESCRIPTION |
| 402-32610 | 203610-ASC | Stud/Hub Brush Kit |

STUD CLEANING KIT

- **Quickly and effectively clean rust and corrosion from wheel studs**
- Manufactured from one single piece of anodized aluminum for increased durability
- Designed for use with Auto, Light Truck, SUV, Utility Trailers, Commercial Truck and Bus applications
- Contains everything you need to clean a wide variety of wheels in one handy kit



402-01322

KIT CONTENTS

| | |
|---------------------------|--|
| SBC222 with a SBR22 brush | 2 hex keys |
| Safety glasses | REPLACEMENT BRUSHES: SBR 12,13,14,16, 18, 20 and 22mm |
| 2 adapters | |

| | | |
|-----------|----------|-------------------|
| ASCOT NO. | MFG. NO. | DESCRIPTION |
| 402-01322 | SKT-1322 | Stud Cleaning Kit |

HUB BUDDY TOOL

- **IMPACT RATED:** No need to change tools
- Complies with best practice R.I.S.T. procedure
- Removes rust, corrosion and other build-up from wheel stud, drums and tire rim
- Helps proper torque of lug nuts by removing corrosion
- A must for easy and accurate tire balancing
- **INCLUDES:** 1 Hub Buddy XL attachment and 1 cleaning disc head
- Replacement cleaning discs available in packs of 6 (Product # 402-37335)



402-37330

402-37335

| | | |
|-----------|----------|--|
| ASCOT NO. | MFG. NO. | DESCRIPTION |
| 402-37330 | 37330 | Hub Buddy Tool |
| 402-37335 | 37335 | 2" Hub Buddy Tool Replacement Pads |
| 402-37340 | 37340 | 1-1/2" Hub Buddy Tool Replacement Pads |

WHEEL SERVICE PRODUCTS // STUD & BRAKE HUB CLEANING TOOLS



⚠ **WARNING:** For more information go to www.P65Warnings.ca.gov.

Stud and Brake Hub Cleaning Tools (cont.)

WHEEL HUB GRINDER

- **Special grinder for cleaning the wheel centering device as well as the attachment area between the wheel and hub** ▪ Burned in corrosion residues are completely removed in a quick and easy process ▪ Actual cleaning time per hub only takes between 3-25 seconds depending upon residue thickness
- **Replacement Discs Available**



402-43351



402-43352



Wheel Hub Grinder in action.

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|-----------|---|
| 402-43352 | 433 502/M | Wheel Hub Grinder |
| 402-43351 | 433 501 | Grinder Replacement Discs (3 per package) |

INNER RIM CLEANER AND REPLACEMENT DISCS

- **Meant for the optimal cleaning of the inner wheel contact surface** ▪ Prevents corrosion related distortion of wheel bolt tightening torque
- Allows for the complete removal of burnt in corrosion ▪ *Used only on the inside of an aluminum rim* ▪ Velcro adhesive makes it easy to change out replacement discs ▪ 75mm diameter in size ▪ **REPLACEMENT DISCS AVAILABLE: 3 per box**



402-43357



402-43358

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|-------------------------------|
| 402-43357 | 433 507 | Inner Rim Cleaner |
| 402-43358 | 433 508 | Replacement Discs (3 per Box) |

3M BRAKE HUB CLEANING DISCS

- **Extremely tough three-dimensional web** ▪ Non-metallic attachment system and disc pad holder ▪ Roloc disc locks securely; 1/2 turn on, 1/2 turn off ▪ Ideal for use on right angle air tools ▪ **KIT CONTAINS: 5 Scotch-Brite Roloc Brake Hub Cleaning Discs and 1 3M Brake Hub Cleaning Disc Holder**



402-07547

| ASCOT NO. | MFG. NO. | DESCRIPTION |
|-----------|----------|---|
| 402-07545 | 07545 | 3M Brake Hub Cleaning Disc Holder |
| 402-07546 | 07546 | 3M Scotch-Brite Roloc Brake Hub Cleaning Discs - 10 Discs |
| 402-07547 | 07547 | 3M Scotch-Brite Roloc Brake Hub Cleaning Disc Kit |

WHEEL SERVICE PRODUCTS // STUD & BRAKE HUB CLEANING TOOLS