

Lug Nut Sockets, 3/8" Drive

203FLSM



Stock No.	Square Drive, inches	Square Drive, Inches	Overall Length, inches
FLS2426	3/8	3/4 and 3/16	3
FLSM1719	3/8	17 and 19	3
FLSM2122	3/8	21 and 22	3

203FLSM 3 pc 3/8" Drive Lug Nut Socket Set

- Includes FLSM1719 (17/19 mm), FLSM2122 (21/22 mm) Metric Flip Lug Nut Sockets and an IMX31 Impact Extension

Wheel Lock Sockets LSR1000A Wheel Lock Removal Socket Set (Blue-Point®)



LSR1000A

- Easily removes most lug nuts and wheel locks on most US and import passenger vehicles and light trucks
- For use with a hand driver or impact wrench
- Some sockets cover specific GM®, Ford® and Chrysler® applications
- Set includes (11) sockets, extension and an extractor punch in a storage case

Lug Nut Sockets, Magazine Loading



LMS24

- Allows easy multiple lug nut removal of up to five lug nuts at a time
- Eliminates rolling or lost lug nuts and wasted motion
- Ideal for use in tire and brake shops
- Adjust type 9, 12 and 16 cu-in air chambers that are equipped with 1/2 to 20" threaded rod and 3/4" nut

Stock No.	Wrench Size	Square Drive, inches	Outside Dia., inches	Overall Length, inches
LMS24	3/4" (19 mm)	1/2	1	5-5/16

TORX®/Long, Chrome (1/2") STXL80E 1/2" Drive TORX® T80 Long Bit Socket Driver



STXL80E

- Used to service Lamborghini wheel studs
- Bit design is longer for removing and installing wheel studs without damaging the rims
- Uses STXL80E2 Replacement Bit

Extensions/Snap Ring Retention, Industrial

IMX32B 1/2" Drive 3" Snap Ring Impact Extension

- Snap-on® impact extensions are heat-treated to optimize impact service life with a lower hardness and able to withstand repeated cycling loads of impact wrenches
- Snap-on® uses a proprietary blend of special alloy steel that provides long life and great strength



IMX32B

Torque Wrenches

BRUTUS3R300 1/2" Drive Adjustable Click-Type Torque Wrench (60–300 ft-lb)

- Expanded range allows extended coverage with the 1/2" drive tool servicing a majority of vehicles and large pickup trucks
- Gives the user additional range in applying torque and angle on high-torque applications
- Stamped scale (ft-lb) offers better permanency and visibility
- Features heavy-duty components—thicker diameter main tube, cam and internal components for strength and durability
- Accuracy is ±6% CW and CCW



BRUTUS3R300

ISO/IZO Ratchet Head Inserts

Stock No.	Square Drive, inches (mm)	Width, mm	Insert Size, mm	Max Recommended Working Torque, N*m
IZTRAT9X12	1/4 (6)	37	9 x 12	25
IZFRAT9X12	3/8 (10)	38	9 x 12	160
IZSRAT9X12	1/2 (13)	38	9 x 12	160
IZSRAT14X18	1/2 (13)	40	14 x 18	265
IZLRAT14X18	3/4 (19)	40	14 x 18	960



IZSRAT9X12



IZSRAT14X18

- Check lug nut tightness with a torque wrench.
- Do not exceed rated torque.
- Do not use to break fasteners loose.
- Do not force head against flex stops.
- Frequently inspect, clean, and lubricate ratchet mechanism with light oil.
- Do not replace worn parts individually; use entire contents of the service kit.
- Periodic recalibration is necessary to maintain accuracy of any torque wrench. Recalibrate every 6 months or more depending on use. ANSI B107.14M specifies that accuracy is maintained through 5000 cycles for click-type torque wrenches.
- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- Read Safety Precautions on pages W1–W4



TIRE AND WHEEL: LUG/RETAINING NUT SOCKETS

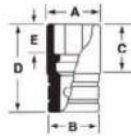


Wheel Hangers

Allow faster, safer and easier balancing of wheels when attempting to insert and tighten wheel bolts.

Stock No.	Thread Size	Hex Size, mm	Applications	
WHM1	M12 x 1.5	10	Tire and Wheel: Mercedes-Benz®, BMW®, MINI®, Cadillac® Catera and Chrysler® Crossfire®	•
WHS1	M14 x 1.5	15	Current Mercedes-Benz®, Current Dodge® Sprinter® Trucks, 2002–2004 Freightliner® Sprinter® Trucks	
WHV1	M14 x 1.5	10	Tire and Wheel: Volkswagen®, Audi®, Mercedes-Benz® ML® Class, BMW® 7 and X5® Series and Porsche®	•
WHB1	M14 x 1.25	10	Tire and Wheel: 2009–current BMW® and MINI® Vehicles	•
WHD1	M12 x 1.25	10	2012-2014 Dodge® Dart®, 2015 Chrysler® 200 and 2014 Jeep® Cherokee® Vehicles	•
WHM2	M12 x 1.5	10	Tire and Wheel: Mercedes-Benz® and BMW®	
WHS2	M14 x 1.5	15	Dodge® Sprinter® and Freightliner®	
WHV2	M14 x 1.5	10	Tire and Wheel: Volkswagen®/Audi®	
WHP1	M16 x 1.5	15	2015–2016 Dodge® ProMaster Van, Allows technician to remove and install wheels easier where wheel studs are not used	

TIRE AND WHEEL: AXLE NUT SOCKETS



Deep, mm

305SIMMY

Set Contains:

305SIMMY

Stock No.	Size, mm	A	B	C	D	E	
SIMM290	29	41.3	41.3	63.4	89.7	20.6	•
SIMM300	30	42.9	42.9	63.4	89.7	21.4	•
SIMM340	34	49.3	49.3	72.8	88.9	22.6	•
SIMM350	35	50.8	50.8	72.8	88.9	22.9	•
SIMM360	36	50.8	50.8	72.8	88.9	22.9	•

Sets include storage tray

ASME®/ANSI® B107.5m



ANS1939

1/2" Square Drive

Used with a torque wrench to service truck wheel bearing lock nuts.

Stock No.	Nominal Size	Style
ANS1937*	2-1/2"	6-Point
ANS1938	2-3/4"	6-Point
ANS1939*	2-3/8"	6-Point

*Fits special "rounded" hex nuts on Dana axles of some Ford® trucks

3/4" Square Drive

Use with a torque wrench to service truck wheel bearing lock nuts.



ANS1900B



ANS1933A

Stock No.	Nominal Size	Style
ANS1900B	2-1/8" (54 mm)	6-Point
ANS1933A**	59 mm	6-Point
ANS1901A	2-3/32"	6-Point
ANS1920A	2-1/4"	6-Point
ANS1902A	2-3/8"	6-Point
ANS1903A	2-3/8"	8-Point
ANS1921A	2-1/2"	6-Point
ANS1928A*	2-9/16"	6-Point
ANS1904A	2-9/16"	6-Point
ANS1905A	2-9/16"	8-Point
ANS1922A	2-5/8"	6-Point
ANS1923A	2-3/4"	6-Point
ANS1924A	2-3/4"	8-Point
ANS1926A	2-13/16"	8-Point
ANS1932A	2-7/8"	6-Point
ANS1906A	3"	6-Point
ANS1907A	3"	8-Point

Stock No.	Nominal Size	Style
ANS1908A	3-1/4"	6-Point
ANS1909A	3-1/4"	8-Point
ANS1910A	3-1/2"	6-Point
ANS1911A	3-1/2"	8-Point
ANS1925A	3-3/4"	8-Point
ANS1927A	3-13/16"	8-Point
ANS1912A	3-7/8"	6-Point
ANS1913A	3-7/8"	8-Point
ANS1914A	4"	6-Point
ANS1915A	4-1/8"	6-Point
ANS1916A	4-3/8"	6-Point
ANS1917A	4-3/8"	8-Point
ANS1918A	4-7/8"	6-Point
ANS1919A	4-7/8"	8-Point

*Fits special "rounded" hex nuts on Dana® axles of some Ford® trucks

**For 1/2 ton vehicles with automatic locking nuts. Designed for late model Ford® vehicles. 3/4" square drive, 59 mm nominal size. Industrial finish



S8695C



S6146



S6109A

Retaining Nut Sockets

S8695C Axle Nut Socket 4 Lug

- 1/2" square drive; 3-3/4" long
- For 1/2-ton vehicles with manual locking nuts
- For use on the front wheel bearing retaining nut on a Dana® 44 Series axle used on 1959-later GM®, Ford®, Dodge® and AMC
- Industrial finish
- Railroad applications: Used to install or remove the point detector bushing found on WABCO-M23B switch machines

S6146 1/2" Square Drive Axle Nut Socket 4 Lug

- Used for the front wheel bearing retaining nut on 3/4-ton vehicles with a Dana® 60 Series axle used on GM®, Ford® and Dodge® trucks
- 3-3/4" long
- Industrial finish

S6109A Axle Nut Socket 6 Lug

- Used for the front wheel bearing retaining nut on 3/4-ton vehicles with heavy-duty suspension
- Designed for use on GM®, Ford® and Dodge® trucks with a Dana® 70 Series axle
- 1/2" square drive; 3-3/4" long
- Industrial finish

SPANNER SOCKETS

Spanner Sockets (Blue-Point®)

For use with a torque wrench when servicing Chevrolet®, GM® and Ford® axles

Stock No.	Application	No. of Lugs	Outside Dia., inches	Square Drive, inches
ANS1929A	Chevrolet®/GMC® with 5,200 and 7,200 lb axles	6	2-5/8	3/4
ANS1930	Chevrolet®/GMC® with 11,000 and 13,500 lb axles	6	2-7/8	3/4
ANS7269A	1985-later Ford® F-250®/F-350® with floating Rear Axle	4	2-3/4	1/2



ANS1929A

TIRE AND WHEEL: SPINDLE NUT SOCKETS



SNS2467



SNS2770



SNS3195



SNS3246



YA6540

Spindle Nut Sockets

SNS2467 Spindle Nut Socket (Blue-Point®)

- Removes and installs four-slot axle lock nuts
- 1/2-3/4-ton Dana® 44 axle
- Socket I.D.: 2"
- 1/2" drive

SNS2770 Socket, Spindle Nut, 6 Lug, 4 Wheel Drive (Blue-Point®)

- Removes and installs four-slot front axle lock nuts
- 3/4-1-ton Dana® 44 axle
- Socket I.D.: 2-1/4"
- 1/2" drive

SNS3195 Spindle Nut Socket (Blue-Point®)

- For high-shear rotating nuts
- Socket I.D.: 2-3/8"

SNS3246 Socket, Spindle Nut, 4 Lug, 4 Wheel Drive (Blue-Point®)

- Removes and installs four-slot axle lock nuts
- 3/4-1-ton
- Socket I.D.: 2-1/4"
- 1/2" drive

Axle Lock Nut Removers

YA6540[†] Nut Remover Kit for Toyota®/Lexus® Vehicles Axle Locks

- Prevents damage to the axle shaft threads when removing the lock nut
- Unlocks and removes the 30 mm axle nuts from Toyota®/Lexus® vehicles
- Kit combines a 1/2" drive 12-point special depth 30 mm impact socket and a unique angle axle-nut release tool

YA6541[†] 1/2" Drive 30 mm Impact Socket (Blue-Point®)

YA6542[†] Lock Nut Release Tool (Blue-Point®)



- Do not use axle nut sockets with impact drivers.
- † These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
- Read Safety Precautions on pages W1-W4

TIRE AND WHEEL: SPINDLE NUT SOCKETS

UNDERCARR

Special Application Axle Nut Sockets (mm)



Stock No.	Size, mm	Style	A	B	C	D	E
SIMDM300	30	12-Point	42.9	42.9	62.1	89.7	21.4
IMDM320	32	12-Point	45.7	45.7	36.8	50.8	20.6
IMDM390	39	12-Point	53.8	39.6	36.8	50.8	22.3
SIMM360TW	36	6-Point	47.2	45.8	72.8	88.9	22.9

ASME/ANSI® B107.5m

SIMDM300 1/2" Drive 12-Point Metric 30 mm Flank Drive® Deep Axle Nut Impact Socket

- Applications include axle nut removal on Toyota® Avalon®, Camry®, Highlander® and Matrix®; Lexus® ES300; Pontiac® Vibe®; 1999-later VW® Beetle®, Jetta® and Golf®; 2004-newer Dodge® Freightliner® Sprinter® vans with 215 mm rear axle
- Applications include automatic transmission tail output shafts for 2004 Chrysler® 300C® and Crossfire®; 2004 Dodge® Magnum®; 2005 Jeep®: Grand Cherokee® V6 models; Mercedes-Benz®
- Snap-on® impact sockets are heat-treated to optimize impact service life with a lower hardness than hand sockets and are able to withstand repeated cycling loads of impact wrenches
- Snap-on uses a proprietary blend of special alloy socket steel that provides long life and great strength
- Flank Drive® wrenching system delivers up to 20% more turning power without slipping or rounding, while exceeding ANSI® performance standards

IMDM320 1/2" Drive 12-Point Metric 32 mm Flank Drive® Shallow Impact Socket

- Applications include servicing axle nuts on 1992-1999 Mercedes-Benz® W140 chassis SC and SL Class; Porsche® Boxster®, Cayenne® and 944; plus 2007-later BMW® X3®, X5® and X6® Series vehicles
- Other uses include drive shaft nuts on 2003-later VW® Touareg® vehicles

IMDM390 1/2" Drive 12-Point Metric 39 mm Flank Drive® Shallow Impact Socket

- Applications include the front axle hub of 2007 Toyota® Tundra® 4WD; and servicing inner rack and pinion nuts on BMW® X5® and X6® vehicles

SIMM360TW 1/2" Drive 6-Point Metric 36 mm Flank Drive® Deep Axle Nut Impact Socket

- Thin wall design provides the extra room needed to remove and install the axle nut on Chevrolet® Sonic® vehicles



S6812

Special Application Axle Nut Sockets (mm)

S6812 1/2 Drive 12-Pin Axle Nut Spanner Socket

- For removal and installation of 12-pin axle nuts on 2019-current RAM® 3500 Dual Rear Wheel Trucks and RAM® 4500/5500 Chassis Cab Trucks
- Special geometry is incorporated into the socket to remove and tighten axle nuts to torque specifications
- Manufactured from special alloy steel in Elkmont, AL



SIM540A

Special Application Axle Nut Sockets (inches)

SIM540A 6-Point Axle Nut Socket

- For the removal or installation of 1996-later Dodge® truck axle nuts
- For use on truck and bus wheel applications
- Flank Drive® wrenching design
- 1/2" square drive

Wheel Hub Lock Tool

WLT1 Wheel Hub Lock Tool (Blue-Point®)

- Eliminates the need for an assistant to hold the brake pedal while axle nuts are removed or installed
- Works on any vehicle with wheel stud bolt patterns ranging from 4 x 100 mm to 8 x 170 mm
- 1 pc design with incorporated cushioned-grip handle for comfort and ease of use
- Can also be used to hold the rear differential yoke on solid axle vehicles during pinion seal or bearing service, as well as many other types of machines with drive shafts, yokes and universal joints



WLT1

Staked Axle Nut Punches

YA6545[±] Staked Axle Nut Punch Set (Blue-Point®)

- Punches release and stake the crush-type axle nuts found on many vehicles
- Using punches with an air hammer makes it easy to fully disengage the axle nut crimp, reducing damage to the threads
- Fully crimps the nut eliminating axle nuts
- Tool has right size and shape to fully lock nut in place during re-staking
- Saves time and money on broken screwdrivers



YA6545

Shackle Pin Impact Sockets

SPS10A 1/2" Drive SAE 41/64"

Shackle Pin Impact Socket

- Designed with an oval configuration to service shackle pins on International® and Kenworth® semitrucks

SPS11A 1/2" Drive SAE 21/32 x

1-17/32" Shackle Pin Impact Socket

- Socket opening is 21/32 x 1-17/32"; 1-3/4" long

SPS12 1/2" Drive SAE 3/4 x 1-9/32"

Shackle Pin Impact Socket

- For use on Freightliner® 120 Series and trucks with newer large spring bolts
- Impact rated 1/2" drive
- Socket opening is 3/4 x 1-9/32"; 1-3/4" long

SPS13 Spring Shackle Pin Socket

- Used to remove and install spring shackle pins on front suspensions of Volvo® truck and VN420/610/660/770 Daycab vehicles
- Hardened pins for engaging the shackle pin



SPS10A



SPS13

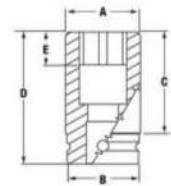
LUG/RETAINING NUT



HDLUGSET2



S6840



Heavy-Duty Truck Wheel Lug Sockets

HDLUGSET1 Heavy-Duty Lug Socket Set

- Includes SIM383, SIM403, SIM483B, SIMM333, SIMM383, plus BW726A and BWD483
- Flank Drive® wrenching system
- Alloy steel combines strength and durability
- All sockets are 1" square drive

HDLUGSET2 9 pc 3/4" Drive Flank Drive® Heavy-Duty Lug Socket Set

- Includes SIM342, SIM482, SIMM332, SIMM382, SIMM412 and DW402C, plus BW626A, BWD482 and BWD412 in a PAKPB063 Storage Case
- Flank Drive® wrenching system
- Alloy steel combines strength and durability
- All sockets 3/4" square drive

Lug Nut Removal Sockets, Magazine Loading

S6840 Magazine Loading Lug Nut Removal Socket

- Flank Drive® wrenching system grips the fastener on the flanks/flats to increase torque and prevents the fastener from rounding, increasing the life of the socket
- Saves the technician time by housing the five lug nuts as they are removed—one at a time—from the wheels on Flexivan™ chassis trailers

TIRE AND WHEEL: BUDD WHEEL

Budd Wheel Impact Sockets

- 6-point and square openings are combined
- For use with the socket retainers listed below
- Industrial finish



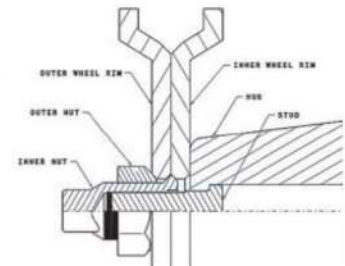
BWD482



BWD412



BWDS483



Stock No.	A	B	D	E	F	Hex Size	Square Size	Square Drive
BWD482	2-7/32	1-3/4	4	5/8	1-11/16	1-1/2	13/16	3/4
BWD483	2-15/64	2-15/64	4	5/8	1-11/16	1-1/2	13/16	1
BWDM412	2-11/32	1-3/4	4-1/4	17/32	1-43/64	41 mm	21 mm	3/4
BWDS483	2-15/64	2-15/64	4	5/8	1-9/64	1-1/2	13/16	1
BW630	1-13/32	1-5/8	2-1/4	1-9/64	—	—	13/16	3/4

BWDM412 3/4" Square Drive 6-Point Metric 21 mm Square Budd Wheel Impact Socket

- For 1986–later Nissan® and Isuzu® Class 4, 5, 6 and 7
- Impact sockets are heat-treated to a low hardness range compared to chrome sockets so that under heavy, continuous use, the impact socket will withstand the impact blows and wear rather than break

BWDS483 1" Square Drive 6-Point SAE 13/16" Square Budd Wheel Impact Socket

- Dual-opening socket allows for just one socket to remove the outer hex nut and the inner square nut used on Budd wheel assemblies for semi trucks and buses
- Flank Drive® wrenching configuration
- Special alloy steel for strength and durability
- The BWDS483 is designed to engage short inner nuts only; use the BWD483 for long inner nuts



†These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1–P2 for details.
• Read Safety Precautions on pages W1–W4

TIRE AND WHEEL: BUDD WHEEL



Stud Remover and Installers

WSK12[†] Stud Installer/Rethread Kit (Blue-Point®)

- Self-centering units permit quick installation the first time
- Helps eliminate damage to threads
- Designed for use with an impact wrench
- Set replaces both the WSK755 and WSK938 sets
- Packaged in a blow-molded box for easy storage

BWS1316A Stud Remover (Blue-Point®)

- Use on 13/16" studs on Budd wheels

Impact Sockets

- For use with the socket retainers listed below
- Industrial finish
- Snap-on® impact sockets are heat-treated to a lower hardness to add impact resistance and ductility
- Superior wall construction absorbs repeated impact cycling loads
- Flank Drive® wrenching system provides flat-to-flat contact for up to 20% more turning power
- 6-point sockets engage fasteners every 60° for better turning power
- Always use impact sockets with impact guns to prevent injury and socket damage



Stock No.	Square Drive, inches	Lug Nut Size	Length
BW626A	3/4	13/16" Square	4"
BW726A	1	13/16" Square	2-1/4"
IM562	3/4	1-3/4" Hex	2-3/4"
SIMM332	3/4	33 mm Hex	83 mm
SIMML330	1/2	33 mm Hex	152.4 mm
SIMML332	3/4	33 mm Hex	152.4 mm
SIMML333	1	33 mm Hex	152.4 mm

IMPACT SOCKET RETAINERS



Impact Socket Retainers

Stock No.	Description	Square Drive, inches
IM182P	Steel Locking Pin	3/4
IM182R	Rubber Locking Ring	3/4
IM243P	Steel Locking Pin	1
IM243R	Synthetic Rubber Locking Ring	1
IMR2	Socket Retainer	3/4
IMR3	Socket Retainer	1

For use on SIM, IM, IMM and SIMM sockets and other accessories.

TIRE AND WHEEL: GENERAL SERVICE TOOLS



Toyota®/Lexus® Carrier Assembly Socket

B2193 3/8" Drive 5-Point Spare Tire Carrier Assembly Socket

- Tough nickel-chrome plating provides corrosion resistance
- Special-alloy steel provides the highest match of strength and durability
- Lower and remove the spare tire from the carrier assembly on various Toyota® and Lexus® vehicles for PDI (pre-delivery inspection)
- Great time saver for PDI when selling a new vehicle or checking the air pressure of the spare tire
- Saves time when doing an oil change and the air pressure of the spare tire is checked as part of the service
- 4" long



TR100



TR102



SGCP1BR



S9094B



CP9

Rim Tools

TR100 Rim Tool

- For use on split rims and rim lock rings
- One end is angled, the other is straight
- 19-1/8" long, with 9/16" and 5/8" wide ends

TR102 Rim Tool

- For drop center rims
- 18" long, with a 1-3/8" wide end

Cotter Pin Pullers

SGCP1BR Soft Grip Cotter Pin Puller

- Makes short work of pulling even large pins
- Heat-treated shank provides maximum strength
- 10" long

S9094B Cotter Pin Puller

- Pins are removed by hitting the anvil sharply
- Side handle ensures a firm grip
- 10" long
- Replaceable steel hook

CP9 Cotter Pin Puller

- 38° angle end pries cotter pin loose
- 105° angle end pulls it out
- 10" long



TWP8



GCP10



YA9020A

Truck Wheel Pan

TWP8 Truck Wheel Pan (Blue-Point®)

- Helps prevent messes and spills
- Fits rims with 13-3/4" inside diameter or larger for use on most large trucks and trailers
- Holds 88 oz of oil
- Pan will not warp if the oil is warm
- Compartment above the handles holds the hub nuts

Dust Cap

GCP10[†] Grease and Dust Cap Tool

- Tapered jaws of the tool fit behind the crimped edge of the grease cap
- One handle is designed for prying hub caps loose

Wheel Chocks

YA9020A Truck Wheel Chocks

- Heavy-duty truck chocks are connected by a 10' nylon rope and measure 8" wide and 8" high overall
- Non-slide design



[†]These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
• Read Safety Precautions on pages W1-W4

TIRE AND WHEEL: GENERAL SERVICE TOOLS



Seal Tools

S6129 Seal Puller

- Designed to pull the wheel bearing or other small seals
- 7" long
- Industrial finish

SRT1 Seal Removal Tool

- Saves time and labor by eliminating prying against the bearings or driving out seals
- Grabs the seal only, leaving bearings undamaged
- Seals remain intact, allowing for complete failure analysis
- Wedges and a long handle provide exceptional leverage
- Heavy-duty construction for long life and dependability
- Works with steering, drive and trailer wheel seals on the largest heavy-duty wheels

YA105 Seal Puller (Blue-Point®)

- For removing rubber seals
- Two tips are designed to reach in and fit nearly all seal applications
- 12-5/8" long



Mallets

BF620C Rubber Head 11" Mallet (Blue-Point®)

- Solid-rubber head is 3-3/4" long, 2-1/4" dia
- 11" hardwood handle

BF623 Soft Blow 12-1/2" Mallet (Blue-Point®)

- Designed to reduce marring and denting
- For use in assembly applications and on all types of surfaces, including metal, glass, plastic and wood
- Special polymer head resists dynamic fatigue, creep and compression set, even at extreme temperatures
- Conforms to irregular surfaces
- Dissipates hand-jarring shock
- Resists most chemicals
- Wood handle

BDBMP24 10-1/4" Soft Blow Mallet (Blue-Point®)

- Engineered, dual-zone rubber head allows mallet to compress and dissipate force
- Non-marring material reduces damage to delicate surfaces and components
- Greater shock absorption and control compared to standard rubber mallets
- Non-slip handle with steel shaft is angled 15° to protect hand from accidental contact
- Resistant to common shop chemicals and fluids



Axle Spinners

AXS6L† 3/8" Drive 6 Lug Axle Spinner Kit

AXS45L† 3/8" Drive 4 and 5 Lug Axle Spinner Kit

AXS2PK† 2 pc 3/8" Drive Master Axle Spinner Kit

- Aids in freeing stuck or rusted lugs on brake drums and rotors allowing technicians to inspect bearings, drive axles, CV joints and brake calipers
- Universal design allows use on standard and metric 4, 5 and 6 lug patterns
- 3/8" drive allows for use with ratchet, breaker bar or speeder
- Made in USA of high alloy steel
- Set includes AXS45L (4- and 5-pin plate) and AXS6L (6-pin plate)

Ball Joint Presses

Set Contains:

BJP1
BJP1-BKS
BJP1OPT
BJP1-HCBS

Stock No.	Description	I.D.-O.D., inches	Length, inches				
BJP1-1A	Sleeve Adaptor	1-9/32-1-21/32	2-1/8	•			
BJP1-2A	Pressure Screw	—	9-3/4	•			
BJP1-3A	Pressure Pad (Ball Joint)	N/A-1-19/32	3-3/16	•			
BJP1-4A	Pressure Pad	N/A-7/8	3-3/16	•			
BJP1-5A	Adaptor	29/32-1-11/32	1-13/16	•			
BJP1-6A	Adaptor/Extension	1-1/4-1-21/32	2-1/16	•			
BJP1-7A	Adaptor	1-11/16-1-29/32	1-1/8	•			
BJP1-8A	Adaptor	1-25/32-2	1.00	•			
BJP1-9A*	Adaptor	1-27/32-2	1-1/4	•			
BJP1-10A	Adaptor	2-11/32-2-21/32, Front Face Angled 4-1/2°	2-1/8	•			
BJP1-11A	Adaptor	2-2-1/4	2-1/8	•			
BJP1-12A	Adaptor	2-1/4-2-1/2	2-3/4	•			
BJP1-13B	Adaptor	2.425-2.750	2.4	•			
BJP1-14A	Adaptor	2-11/16-2-15/16	2-3/4	•			
BJP1-16A	Adaptor	2-1/4-2-1/2	1-1/8	•			
BJP1-17	Grease Fitting	2-1/4-2-1/2	1-1/8	•			
BJP1-18A	Dodge®/Mercedes® Sprinter® Van Adaptor	1.250-2.750	2.49				
BJP1-22A	Honda®/Acura® Adaptor	1.760-1.835	1.765		•		
BJP1-24A	Honda®/Acura® Adaptor	1.960-2.250	1.943		•		
BJP1-25B	Ford® F-450®/F-550® Ball Joint Adaptor	2.800-3.100	3.76		•		
BJP1-26A	Dodge® U-Joint Adaptor	1.500-2.000	1.98			•	
BJP1-27A	Ford® Explorer® Lower Removal Adaptor	2.680-2.880	2.325				•
BJP1-28B	Dodge® Ball Joint Adaptor	2.220-2.450	2.889				
BJP1-29A	Honda®/Acura® Ball Joint Adaptor	2.650-2.850	1.96				
BJP1-33A	Transit® Connect Remover Cup	2.607-2.760	2.15				
BJP1-34A	Transit® Connect Remover Cup	N/A-.950	2.425				
BJP1-35A	Transit® Connect Install Cup	1.84-2.12	2.23				
BJP1-36A	BMW® Adaptor	2.010-2.250	2.15				
BJP1-37A	BMW® Adaptor	2.250-2.500	2.75				
BJP1-38A	RAM® HD Adaptor	1.250-2.010	0.9				
BJP1-39A	RAM® HD Adaptor Cup	2.800-3.100	2.9				
BJP1-42A	Subaru® Bushing Cup Receiver for BJP1	2.40-2.65	1.90	•	•		
BJP1-43A	Subaru® Bushing Cup Ram for BJP1	2.06-2.33	1.40	•	•		
BJP1-44A	Subaru® Bushing Disc for BJP1	1.25-2.70	3/4 (19)			2	
BJP1-46A	Adaptor Large Receiver	3.000-3.375	2.75				•
BJP1-47A	Adaptor Large Driver	2.500-2.875	1.375				•
BJP1-48A	Adaptor Small Driver	2.170-2.530	1.375				•
BJP1-49A	Adaptor X-Large Receiver	3.250-3.625	2.750				•
BJP1-50A	Adaptor X-Large Driver	2.750-3.100	1.375				•
BJP1-A1310SB	Adaptor (BJP1 to A1310B Series)	N/A-.875	2.95				

*Front face is angled 4.5°



BJP1-18A



BJP1-22A



BJP1-29A



BJP1-33A



BJP1-34A



BJP1-35A



BJP1-39A



BJP1-44A



BJP1-13B



BJP1-25B



BJP1-28B

Ball Joint Presses

ME7A207 Retaining Ring

- Retaining ring included in the BJP1 and UJP1 sets

ME9A34 Steel Ball

- Steel ball included in the BJP1 and UJP1 sets

ME7A208A Large Snap Ring

- Large snap ring included in the BJP1 and UJP1 sets

ME7A209A Small Snap Ring

- Small snap ring included in the BJP1 and UJP1 sets



‡These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1-P2 for details.
• Read Safety Precautions on pages W1-W4

WHEEL ALIGNMENT: BALL JOINT



Ball Joint/Tie Rod Separators

Stock No.	Jaw Opening, inches	Overall Length, inches
A200	13/16	18
A201	1	12
A203	1-1/4	12
A204	5/8	12



BJP1



BJP1BMW1



BJP1FORDTC



BJP1HONDA



BJP1RAM1

Ball Joint Presses

BJP1 22 pc Master Ball Joint/Universal Joint Press Set

- Services domestic and foreign vehicle applications with press-in ball joints
- Applications cover more than 315 individual vehicle models* up to 2022; more than 680 individual ball joints**
- 14 additional adaptors available to increase coverage by 30 models and over 100 unique ball joints
- Eight additional adaptors available to service lower control arm compliance bushings on Subaru® and Honda®/Acura® applications
- Additional adaptor for specially designed for Dodge® U-joints available
- Removes and installs ball joints with straight grease fittings installed
- Forged C-frame with large throat and vise mount capability for U-joint applications
- Snap-ring retention locks the adaptors to the frame while maneuvering tool
- Grease zerk fitting in frame for ease of lubricating pressure screw
- Includes a 40+ page application chart covering applications with and without press-in ball joints
- Delivered in a blow-molded storage/carrying case

*Vehicle model defined as a single model name across all years produced—e.g. the Ford® F-150® is a single model

**Individual ball joints defined as each upper, lower, trackbar or other ball joints the kit serviced across all years and models—e.g. it counts the various, ball joints serviced in the span of years the Ford® F-150® has been produced

BJP1BMW1 BMW® Ball Joint Remover/Installer

- Applications: 1992–1999 BMW® 3 Series®, 1996–2001 BMW® Z3®
- Manufactured from special steel with higher alloy content
- Industrial finish helps protect against corrosion
- Includes BJP1-36A and BJP1-37A
- Removes stubborn ball joints with greater efficiency for increased productivity

BJP1F Press Frame

- 7-13/16" throat opening; 3-1/2" depth; 6" height; 10-13/16" length

BJP1FORDTC 3 pc BJP1 Ford® Transit Connect® Set

- Used to service lower ball joints on 2010–2013 Ford® Transit Connect® vehicles
- Unique adaptors fit on complex knuckle geometry
- Manufactured from superior alloy steel and heat-treated for optimum strength and durability

- Designed to be used in conjunction with the Snap-on® BJP1 Kit

- Industrial finish helps protect against corrosion

- Set includes BJP1-33A, BJP1-34A and BJP1-35A

- Easily removes stubborn ball joints for increased productivity

BJP1HONDA Honda® Adaptor Set

- Used to remove and install upper and lower ball joints on many Honda® and Acura® vehicles; must be used with BJP1 Master Ball Joint/Universal Joint Press Set

- Includes BJP1-22 and BJP1-24 Ball Joint Adaptors, plus (2) ME7A208 O-rings

BJP1RAM1 Dodge®/Ram® Adaptor Set

- Applications: 2008–2014 Dodge® Ram® 4500/5500 Heavy-Duty vehicles

- Unique adaptors fit on complex knuckle geometry

- Manufactured from superior alloy steel and heat-treated for optimum strength and durability

- Designed to be used in conjunction with the Snap-on® BJP1 kit

- Industrial finish helps protect against corrosion

- Set includes BJP1-38A and BJP1-39A

- Easily removes stubborn ball joints for increased productivity

RKBJP 15 pc Ball Joint/Universal Joint Press Repair Kit

- Includes (1) grease fitting, (1) retaining ring, (11) large snap rings, (1) small snap ring and (1) steel ball



S9365B



S9613



BJR1



BJR2



IMDM410



S7101



S7160

Ball Joint Sockets/Adaptors

S9365B Ball Joint Socket

- For medium-size Chrysler® cars
- 3/4" square drive
- 1-59/64" wrench size; 2" long

S9479A Ball Joint Socket

- For Dodge®/Chrysler® pickups and vans
- 3/4" square drive
- Wrench size is 2-9/64", length is 2"

S9613 Ball Joint Socket

- For use on 4-5B axles found on Dodge®, Ford®, Chevrolet®, GMC® and International® 4-wheel drive trucks

- Adjusts the sleeve in the top of the yoke on the front suspension

- 1/2" square drive, 1" O.D.; 2-1/8" long

BJR1 Ball Joint Socket for Subaru® Vehicles

- Easily removes stubborn ball joints on Subaru® 2003–2006 Baja®, 1998–2010 Forester®, 1993–2010 Impreza®, 1990–2010 Legacy and 2000–2010 Outback® models

- Stay safe dealing with low clearance and heavy corrosion

- Beat the flat rate by doing the job faster and with less effort

BJR2 Ball Joint Socket for Subaru® Vehicles

- Faster, safer ball joint removal for Subaru® vehicles

- Easily removes stubborn ball joints for increased productivity

- 3/4" hex on the pressure screw can be driven by hand or with an impact gun

- Industrial finish helps protect against corrosion

- For use on 2006–2012 Subaru® Tribeca® vehicles

IMDM410 1/2" Drive 12-Point Metric 41 mm Flank Drive® Shallow Impact Socket

- Snap-on® impact sockets are heat-treated to optimize impact service life with a lower hardness than hand sockets and are able to withstand repeated cycling loads of impact wrenches

- Snap-on uses a proprietary blend of special alloy socket steel that provides long life and great strength

- Flank Drive® wrenching system delivers up to 20% more turning power without slipping or rounding while exceeding ANSI® performance standards

- Applications include removal and installation of lower ball joint on 2013 current BMW® 5 Series® and 7 Series® vehicles

- 41 mm, 12-point, 1/2" drive

S7101 3/8" Drive 1-1/4" Ball Joint Nut Adaptor

- For torquing upper ball joint nut on most 2015 and newer Mercedes-Benz® models with double wishbone suspensions

- Low-profile, double-hex torque adaptor for 1-1/4" (31.75 mm) nuts

- 3/8" square drive

- Countersink/Chamfer eliminated for maximum engagement with nut

- Designed to be used with hand tools, heat-treated steel for optimum strength

S7160 3/4" Drive Metric 60 mm Upper Ball Joint Socket

- 60 mm single hex, 3/4" drive to achieve proper torque rating

- Allows use without removal of grease zerk

- Industrial finish helps protect against corrosion

SERVICE TOOLS

Emergency Brake

SIML160 1/2" Drive 6-Point SAE 1/2" Flank Drive® Extra-Deep Impact Socket

- Used to remove or replace fuel tank retaining strap nuts
- Other applications include emergency brake adjustment nuts and stabilizer retainers
- 1/2" square drive; 1/2"; 6-point hex opening
- 5" long

SIML180 1/2" Drive 6-Point SAE 9/16" Flank Drive® Extra-Deep Impact Socket

- Same design as SIML160, except hex size is 9/16"



SIML160



SIML180

General Service Tools

YA9790 Hub Clamp Expander (Blue-Point®)

- Designed for hubs, and clamping-style struts and ball joint mounts
- Allows easy removal and installation of struts and ball joints
- Interchangeable spreaders prevent damage to aluminum or cast iron hubs
- Adjustable for use on hubs with a centralized or non-centralized slot
- Allows for on-vehicle repair

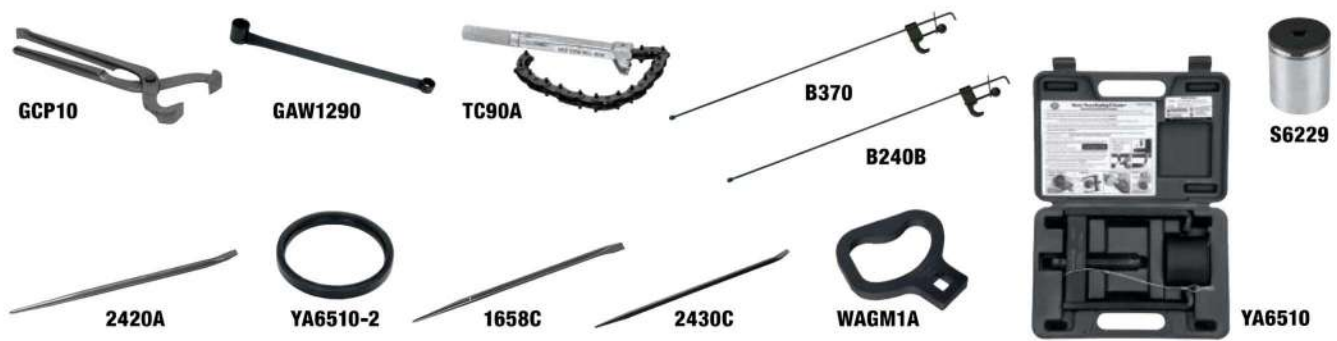


YA9790



- Do not strike end if it is chipped or mushroomed.
- Strike squarely, avoid glancing blows.
- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- Read Safety Precautions on pages W1–W4

WHEEL ALIGNMENT: SERVICE TOOLS



General Service Tools

GCP10[†] Grease and Dust Cap Tool

- Tapered jaws of the tool fit behind the crimped edge of the grease cap
- One handle is designed for prying hub caps loose

GAW1290[†] Wheel Alignment Wrench

- 18-1/2" long for extra leverage
- 21 mm 12-point with special angle and bidirectional offset to access difficult-to-reach bolts
- 24 mm 12-point deep offset for access to guarded bolt heads without the sloppiness of a breaker bar and socket
- 24 mm 12-point deep offset for access to 12-point bolt heads with access to the lock nuts through the socket
- Used on alignment bolts for Audi[®], VW[®], Porsche[®], BMW[®] and MINI[®] vehicles

TC90A[†] Tailpipe Cutter (Blue-Point[®])

- Handles cutting from 3/4–3-1/2" dia
- 16-link cutter chain is 12" long
- Threaded shaft with crosspiece provides elasticity to help prevent the chain wheels from breaking
- Ideal for cutting the strut assembly to enable servicing of the strut cartridge

TC90A1[†] Chain Assembly (Blue-Point[®])

- Includes one wheel and one roll pin

B370[†] Throttle Depressor

- Attach to steering wheel to depress gas pedal
- Innovative design allows for easier fine tuning of the RPMs for cylinder balancing, tune-ups and more
- Fine tuning is done with slide knob to reduce the walking of the rod
- Made in the USA

B240B Brake and Accelerator Pedal Jack (Blue-Point[®])

- Holds throttle at a constant RPM
- Easily adjusts to desired length
- Adjustment screw fine-tunes desired RPM
- Rubber tip keeps the tool firmly positioned
- Overall length of 40" (102 cm)
- Can also be used as a pedal depressor

2420A 20" Pinch Prybar (Blue-Point[®])

- Pinch prybars are used to align, adjust and move material, angled chisel end for extra leverage when prying
- Pinch prybar has a tapered point on one end and a chisel type edge on the other end
- 15/16" edge, 3/4" stock, 20" overall length

YA6510[†] Bushing Extractor (Blue-Point[®])

- Used on 1994–2001 Acura[®] Integra[®], plus various 1988–2001 Honda[®] vehicles

YA6510-2[†] Bushing Extractor Adaptor (Blue-Point[®])

- Enables the YA6510 Bushing Extractor to be used on 1990–1993 Integra[®] vehicles

1658C 16" Pinch Prybar (Blue-Point[®])

- Pinch prybars are used to align, adjust and move metal and wood, angled chisel end for extra leverage when prying
- Pinch prybar has a tapered point on one end and a chisel type edge on the other end
- 5/8" edge, 1/2" stock, 16" overall length

2430C 30" Pinch Bar Prybar (Blue-Point[®])

- Tapered point on one end and a chisel type edge on the other
- 7/8" edge, 7/8" stock, 38" overall length

WAGM1A Alignment Tool for GM[®] Vehicles

- Updated drive location allows for increased access away from the vehicle's frame
- 1/2" square drive allows for better leverage
- Robust design and rugged construction for better engagement on the alignment cam

S6229 Steering Rack Spanner Socket

- Allows the steering rack to remain in the vehicle for repairs without using a screwdriver and hammer
- Removes and installs the cylinder end stopper on 2004–2009 Lexus[®] RX330 and RX350[®] vehicles and 2004–2007 Toyota[®] Highlander[®] vehicles
- 3/8" drive and designed specifically for this application; will not mar or damage the cylinder
- Manufactured from special-alloy steel and heat-treated for optimum strength and durability
- Tool is industrial finish but is not impact rated, as it is for hand tool use only

SHOCK ABSORBER

Shock Absorber Sockets



A137

Stock No.	Square Drive, inches	Length, inches	Wrench Oval Diameter, inches	Wrench Oval Width, inches
A137	3/8	29/32	5/16	15/64
A138	3/8	29/32	21/64	15/64
A139	3/8	29/32	5/16	1/4



CC6630



OEXLM17B



OEXLM18B



OEXLM19B

Caster/Camber Tools

Metric combination wrenches. Long handle design for access.

CC6630[‡] Caster/Camber Alignment Tool

- Eliminates the need to use the front 21 mm eccentric bolt, which is difficult to access behind a steel shield
- Hook tool on the top A arm and, with locking nut loosened, push or pull for easy caster and camber adjustment
- Saves about 15 minutes per side

OEXLM17B 17 mm 12-Point Metric Flank Drive[®] Long Combination Wrench

- A continuous arc design distributes stress over the entire wrench opening radius for greater strength
- Forged steel and heat treat hardness provides a superior wrench with the proper strength and durability while reducing wear and breakage
- 7.5° offset broaching allows the user to flip the box end over to obtain a more advantageous grip on a fastener for restricted clearance areas

OEXLM18B 18 mm 12-Point Metric Flank Drive[®] Long Combination Wrench

OEXLM19B 19 mm 12-Point Metric Flank Drive[®] Long Combination Wrench

WHEEL ALIGNMENT: TIE ROD



WA12A



WA13A



WA16



WA17



WW500



WW600



YA2218



YA2222



YA2223



YA2224

Tie Rod Adjusting Tools

WA12A Tie Rod Adjusting Tool

- For large cars and light trucks
- 1/2" square drive; 3-3/4" long

WA13A 1/2" Square Drive Tie Rod Adjusting Tool

- For compact and medium cars
- 3-3/4" long

WA16 1/2" Square Drive Tie Rod Adjusting Tool

- For large trucks
- 4-7/64" long

WA17 1/2" Square Drive Tie Rod Adjusting Tool

- Designed to permit 360° rotation of the adjusting sleeve, even in tight quarters
- Used on 1-7/8" sleeves on full-size 3/4- and 1-ton pickups, including Ford[®] Super-Duty[®]
- For use with a 1/2" square drive ratchet or breaker bar
- Chrome finish
- 4-3/4" long

WW500 Rack Wrench (Blue-Point[®])

- Used on steering racks to service the inner tie rod ends
- Fits the rack end with a hex drive, a round with two drive flats or a round with no drive flats
- Universal fit from 33–41 mm (1-15/16–1-9/16")
- Hex sizes from 31–35 mm (1-1/4–1-3/8") and 19 mm (3/4") hex drive
- Clamp force increases as load is applied

WW600 Heavy-Duty Rack Wrench (Blue-Point[®])

- New larger size provides added coverage for domestic and import trucks and SUVs
- Suits multiple rack ends and sizes (hex drive, round with two flats, round with no flats)
- Fixed position rings provide added strength
- Patented cam design increases force as load is applied
- Universal design suits rack end diameters from 1-1/2–1-7/8" (38–46 mm)
- Used on vehicles with limited access to avoid the need to remove the rack assembly

- Expands upon the already available WW500, which does 33–41 mm (1-5/16–1-9/16") tie rods

YA2218[‡] Tie Rod Adjusting Wrench (Blue-Point[®])

- For US and import vehicles with rack-and-pinion steering using tie rods or 17.0–18.5 mm hex gripping section
- Spring-loaded jaws and comfort-grip handle

YA2222[‡] Tie Rod Adjusting Wrench (Blue-Point[®])

- For US and import vehicles with rack-and-pinion steering using tie rods with knurled or 12 mm hex gripping sections
- Spring-loaded jaws and comfort-grip handle
- 10-1/2" long

YA2223[‡] Tie Rod Adjusting Wrench (Blue-Point[®])

- For rack-and-pinion steering using 14–15.5 mm tie rods
- Spring-loaded jaws and comfort-grip handle
- Applications include 1995–later Dodge[®] Dakota[®] and Caravan[®], 1998–later Dodge[®] Durango[®], Dodge[®] Viper[®] and most 1999–later GM[®] 1/2-, 3/4- and 1-ton trucks

YA2224[‡] Tie Rod Adjusting Wrench (Blue-Point[®])

- Similar in design to the YA2222 but for 10.5–12 mm diameter tie rods, such as those found on Ford[®] Escort, GM[®] Geo, and smaller Nissan[®] vehicles with rack-and-pinion steering
- Spring-loaded jaws and comfort-grip handles
- 9-1/2" long



• Do not use "cheater bars" on prybars.

• Do not use chrome or industrial finish hand tools with power drivers or impact drivers.

‡These products can expose you to chemicals which are known to the state of California to cause cancer and reproductive harm. See pages P1–P2 for details.

• Read Safety Precautions on pages W1–W4