

## BRAKE: LATHE ACCESSORIES

SHOP EQUIPMENT



### Carbide Insert Bit Kits

#### **BDT103-06 Positive Rake Carbide Bits (6 pk)**

- Use for EEBR310A, EEBR312A and Ammco® brake lathes

#### **BDT385-06 6 pc Carbide Bit Kit**

- Includes (6 pc) with locking screws
- Optional for Snap-on® EEBR308A brake lathes

#### **BDT063-10 Negative Rake Carbide Bits (10 pk)**

- Use for EEBR309A, EEBR312A and Ammco® brake lathes

#### **BDT060-10 Positive Rake Carbide Bits (10 pk)**

- Use for Accu-Turn® brake lathes

#### **BDT066-10 Positive Rake Carbide Round Tool Bits (10 pk)**

- Round tool bits for AMMCO940630 tool holder

#### **BDT069-10 Positive Rake Carbide Inserts for Pro-Cut On-The-Car Brake Lathes (10 pk)**

- Positive rake cutting bits for Pro Cut brake lathes

#### **BDT428 Positive Rake Round Tool Holder Set**

- RH and LH used with EEBR308A, EEBR309A and EEBR312A for AMMCO940610 tool bits

#### **BDT903-1-10 Replacement Tip 1/32" Radius (10 pk)**

- Fits EEBR301A lathes
- 11° clearance with 1/32" corner radii

#### **BTA10 Carbide Bit (10 pk)**

- For Ammco® models 3000, 4000, 4100, 6900, 7000, and 7700 disc rotor lathes

#### **BTF10 Carbide Bit (10 pk)**

- Use for all FMC® lathes

#### **BTK10A Carbide Bit (10 pk)**

- For all Kwik-Way® lathes with replaceable insert feature as well as older Snap-on® lathe models (YA282, YA278A and YA277 series)

## BRAKE: BLEEDER KITS

### Vacuum-Type Brake Bleeders

#### **Brake Bleeder Kits**

- Uses compressed air to generate deep vacuum to bleed old fluid and air from hydraulic brake systems
- Fast, efficient, one person vacuum bleeding
- Works with all braking systems
- Generates 25 in Hg vacuum with air pressure of 100 PSI
- Specially formulated seals allow unit to be used with a variety of fluids
- On/Off valve and flow regulator
- Unit can be sealed when not in use to prevent spillage
- Quick-release, locking trigger and safety shutoff valve
- Overfill check valve
- Compact design fits under wheel well
- 19-1/2" (500 mm) suction hose
- Universal fitting holds securely on bleed screw
- BB5002A automatically keeps the reservoirs filled to the correct level and fits virtually all master cylinders

#### **BB9018 Vacuum Brake Bleeder**

- Fast, efficient, one-person vacuum bleeding
- Works with all braking systems
- Larger 3 pint (1.8 l) container

#### **BB9018KIT 1.8 L Brake Bleeder Kit**

- Kit includes BB9018 (1.8 L) and BB5002A (592 ml container)

#### **BB9008 Vacuum Brake Bleeder**

- Standard 1.7 pint (800 ml) container
- Uses compressed air to generate deep vacuum to bleed old fluid and air from hydraulic brake systems
- Fast, efficient, one person vacuum bleeding
- Works with all braking systems



#### **BB9008KIT 800 ml Brake Bleeder Kit**

- Kit includes BB9008 Brake Bleeder and BB5002A Refiller

#### **BB5002A Auto Refiller Bottle**

- Automatically keeps reservoir filled to the correct level
- 20 fluid oz (592 ml) container
- Retaining clip for positive attachment
- Compact design fits under hood
- Positive venting system supplies continuous flow
- Fits virtually all master cylinder reservoirs; can be sealed when not in use to prevent spillage
- On/Off valve

**Master Cylinder Pressure Cap**
**YA8925<sup>‡</sup> Master Cylinder Pressure Cap (Blue-Point®)**

- M45 x 3.50 thread adapts to fluid reservoir, and 1/4"-18 and 3.5 mm thread for pressure bleeder
- For Mercedes-Benz®, BMW®, Audi® and Porsche®


**YA8925**
**Non-Diaphragm Type Brake Bleeder**
**BB100C<sup>‡</sup> Non-Diaphragm Type Brake Bleeder (Blue-Point®)**

- 1-gallon capacity
- Self-contained, hand-pressurized pump
- More than 10' of hose with shut-off, pressure gauge and quick coupler
- Uses standard brake bleeder adaptors (optional)
- Use only D.O.T. 3 or D.O.T. 4 automotive brake fluid


**BB100C**
**BRAKE: SERVICE TOOLS**
**General Service Sets**
**BCS70A 7 pc Disc Brake Caliper Driver Set**

- Includes (4) 3/8" drive standard hex bit sockets (1/4, 5/16, 3/8" and 8 mm), (1) 3/8" drive TORX® (T40) standard bit socket and (2) 3/8" drive TORX® (T45 and T50) heavy-duty removal bit sockets
- For US vehicles (except Chrysler®)


**BCS70A**
**BTK5 5 pc General Brake Service Set**

- Includes (1) brake spring pliers, (1) brake adjusting tool, (1) brake bleeder wrench, (1) 1/4" drive spring cap socket and (1) 1/4" drive soft grip driver


**BTK5**
**BTK7A 7 pc General Brake Service Set**

- Includes (2) brake spring tool, (3) bleeder wrench and (2) brake adjusting tool


**BTK7A**


- Read and follow safety messages in the instructions.
- Do not use chrome or industrial finish hand tools with power drivers or impact drivers
- Do not use "cheater bars" on adjusting tools..
- ‡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





## Pressure-Type Brake Bleeders

### BB71165<sup>‡</sup> Quick-Flow Pressure Brake Bleeder Kit

- Simplifies brake bleeding for an individual technician
- Large (2.5 L), easy-access bladder for quick changeover of different brake fluids
- Extra-long, braided, high-pressure quick-connect hose provides the ability to reach a vehicle while elevated on a lift
- Includes fluid collection container and the most popular adaptors; ready for use right out of the box
- Extremely safe construction
- Operates on standard shop air
- First Snap-on<sup>®</sup> branded pressure brake bleeder
- Kit with custom cap adaptors and quick couple fittings provides optimum set up time offering time-savings over vacuum system set up
- Pressure brake bleeders have a fluid reservoir so there is no need to monitor and top off fluid level in the master cylinder during the bleeding process
- Using pressure bleeding, the bleeder is connected to the master cylinder; the vehicle is raised once only to complete bleeding procedure to all four wheels
- Using pressure applied to the master cylinder provides a smooth even flow of fluid leaving the bleeder fitting into the collection container making it visibly very easy to determine when all air and old fluid is clear of the system and certainty that brake function will be correct
- Pressure bleed systems have a higher initial price due to the requirement of cap adaptors; initial increase in cost is offset over time by productivity efficiencies gained from utilizing a pressure bleeding system
- Custom made pre-set pressure regulator: eliminates any risk of operator accidentally over pressurizing system; designed to dump pressure to atmosphere in the event of pressure control diaphragm failure; balanced supply and downstream ports provide controlled flow rate for optimum over pressure prevention
- Custom Pressure Relief Valve: pre-set to max 25 PSI relief pressure; diameter of relief valve ports is more than double the size of pressure regulator supply port ensuring over-pressure can not occur

### BB71162<sup>‡</sup> QuickFlow Pressure Brake Bleeder Kit

- Lightweight and portable
- Internal bladder design
- Operates on shop air
- Pre-set pressure regulator
- Includes (3) master cylinder adaptors

### BB71160<sup>‡</sup> QuickFlow Pressure Brake Bleeder

- Internal Bladder
- Light weight and portable
- Operates on shop air
- Pre-set pressure regulator
- Safety pressure relief valve

### BB71167<sup>‡</sup> Collection Container

- Use to collect waste fluid during bleeding
- Clear tube with rubber fitting
- Hanging hook

### BB17001<sup>‡</sup> Pressure Bleed Cap Adaptor #1

### BB17002<sup>‡</sup> Pressure Bleed Cap Adaptor #2

### BB17003<sup>‡</sup> Pressure Bleed Cap Adaptor #3

### BB17004<sup>‡</sup> Pressure Bleed Cap Adaptor #4

### BB17005<sup>‡</sup> Pressure Bleed Cap Adaptor #5

### BB17006<sup>‡</sup> Pressure Bleed Cap Adaptor #6

### BB17007<sup>‡</sup> Pressure Bleed Cap Adaptor #7

### BB17008<sup>‡</sup> Pressure Bleed Cap Adaptor #8

### BB17009<sup>‡</sup> Pressure Bleed Cap Adaptor #9

### BB17020<sup>‡</sup> Adaptor Storage Case



## Diaphragm-Type Brake Bleeder Adaptors

### BB300B21 Pop-off Valve

### BRN-47G Brake Bleeder Adaptor




**BST103R**

**BST12**

**BT27**

**BT11**

**131A**

**S6118A**

**BT19A**

**B1356E**

**BT15**

**BT17A**

**BT10**

**BT20**

## Brake Spring Tools

### **BST103R<sup>†</sup> 3 pc Magnetic Brake Retainer Spring Tool Set**

- Three most popular brake spring retainer tools sold as one encompassing kit
- Magnets conveniently hold brake spring retainer and spring while installing brake shoes
- O-ring provides grip when trying to align retainer with holder pin

### **BST6<sup>†</sup> 3/4" Magnetic Brake Retainer Spring Tool**

### **BST56<sup>†</sup> 5/8" Magnetic Brake Retainer Spring Tool**

### **BST8<sup>†</sup> 7/8" Magnetic Brake Retainer Spring Tool**

### **BST12<sup>†</sup> Heavy-Duty NPR Brake Spring Tool**

- Used on most drum-style brakes on Isuzu<sup>®</sup> NPRs to depress the brake spring
- Mechanical advantage allows for ease of use when removing the spring and pin
- Ergonomic Instinct<sup>®</sup> handle for improved grip and comfort
- Made in USA

### **BT27 Single Spring Brake Tool (Blue-Point<sup>®</sup>)**

- Tool releases tension on both large and small GM<sup>®</sup> single spring brakes during servicing
- Large spring applications: 2005 and later Chevrolet<sup>®</sup> Silverado<sup>®</sup>, 2004 and later Chevrolet<sup>®</sup> Colorado<sup>®</sup>
- Small spring applications: 1991 and later GM<sup>®</sup> H body (Bonneville, LeSabre and Delta 88), 1992 and later GM<sup>®</sup> C and U body (Buick<sup>®</sup> Electra<sup>™</sup>, Oldsmobile 88, Cadillac<sup>®</sup> Fleetwood and Deville, Chevrolet<sup>®</sup> Lumina APV, Pontiac<sup>®</sup> Tran Sport and Oldsmobile Silhouette) and 1995 and later Chevrolet<sup>®</sup> Lumina and Chevrolet<sup>®</sup> Monte Carlo

### **BT11 Brake Spring Tool**

- Services Bendix<sup>®</sup> brake springs and any spring attached to post
- Socket end removes and hook end replaces
- 9-3/4" long

### **131A Brake Spring Pliers**

- Removes or replaces Bendix<sup>®</sup>, Lockheed Martin<sup>®</sup> and other hydraulic and mechanical brake springs
- Steel hook on jaw is replaceable
- Handles provide socket type spring remover and hook end replacer
- 13-1/4" long

### **31-3B Replacement Hook**

- Replacement hook for 131A brake spring pliers

### **S6118A 1/4" Drive Spring Cap Socket**

- 1/4" drive double-ended socket designed for subcompact brake spring on one end and larger US cars and light trucks on the other
- Industrial finish

### **BT19A Heavy-Duty Brake Spring Tool (Blue-Point<sup>®</sup>)**

- Heavy-duty design
- Remove or install import and US brake springs with or without anchor pins
- Maximum wire I.D. is 1/4", overall length is 8-7/8"

### **B1356E Brake Retainer Spring Tool**

- For use on 3/4" retainer spring caps found on most newer vehicles

### **BT15 Brake Spring Remover**

- For removing brake springs on full-size cars and pickups with drum-style brakes
- Industrial finish

### **BT17A Retainer Spring Tool**

- For use on 5/8" dia. retainer springs found on most newer vehicles
- Industrial finish
- 8-15/16" long

### **BT10 T-Handle Brake Spring Tool (Blue-Point<sup>®</sup>)**

- Easily relieves tension on single spring brakes for GM<sup>®</sup> vehicles
- Offers an easy way to remove single brake springs, so that brake shoes, emergency brake cables or brake cylinder can be serviced
- Hook grabs the spring while the tool point acts as a fulcrum to pry the spring free

### **BT20 Brake Spring Tool for Toyota<sup>®</sup> Vehicles**

- Special tip is designed to engage the shoe hold down spring cup on Toyota<sup>®</sup> vehicles
- Manufactured from special alloy steel and heat-treated for optimum strength and durability
- For rear parking brake springs on 2000-current Tacoma<sup>®</sup>, Tundra<sup>®</sup>, FJ Cruiser<sup>®</sup>, 4Runner<sup>®</sup>, Land Cruiser<sup>®</sup> and Camry<sup>®</sup>

#### Colors Available



Red Orange Green

\* O G  
ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



- Read and follow safety messages in the instructions.
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GA3634

## Dial Test Indicator Sets

### GA3634 Ball Joint/Disc Brake Test Indicator Set

- Indicator with 0–1" range and .0005" graduations
- Easy-to-read white on black dial face
- Uses locking pliers and a flexible gooseneck for non-magnetic applications and difficult areas
- Ideal for brake and undercar work



DG530

## Brake Drum/Rotor Gauges

### DG530 Digital Drum Gauge

- Measures automotive and heavy-duty brake drums
- Pointed anvils and 4-1/4" long arms allow increased measurement accuracy and coverage
- Selectable depth stops for easier use
- 6–20.65" (150–515 mm) range; .0005" (.01 mm) graduations



RG430A

### RG430A Digital Rotor Gauge (Blue-Point®)

- Measures brake rotors and ball joints
- Pointed anvil and 3-1/2" long arms for increased measurement accuracy and coverage
- Selectable depth stops for easy use
- 0–5-1/2" (0–140 mm) range; .0005" (.01 mm) graduations
- Easy to read digital display with inch/metric conversion



CAL6EBR

### CAL6EBR<sup>±</sup> 6" Electronic Brake Rotor Caliper

- Specifically designed for performing inspection work on brake rotors
- The pointed contact enables a user to accurately locate the deepest pits on a brake rotor
- Having the most accurate dimensions prevents over-machining the brake rotor during the reconditioning process
- Tool has range that a micrometer cannot handle (large rotors in the heavy-duty truck market and large agricultural machinery)
- The long jaws enable measurements deep into the rotor to achieve a clear profile of the rotor surface



BTGHD9

## Truck Brake Tools

### BTGHD9 Heavy-Duty Brake Lining Gauge

- Accurately confirm brake lining thickness for customers and DOT inspections sheets
- Gauge tool consisting of 9 blades of different sizes ranging between 6–22 mm (0.24–0.87")
- Made of durable stainless steel with both the standard and metric sizes laser-etched on the face



BCT1050

## Emergency Brake

### BCT1050<sup>±</sup> Parking Brake Cable Coupler Removal Tool

- Used on light duty trucks, SUVs and vans with drum or disc brakes
- Cushioned grips for comfort
- Heat-treated for durability
- Angled head for accessibility
- Overall length is 14" for adequate leverage
- Use to safely separate the mid-cable coupler from the cable end
- Use on Ford®, GM®, Dodge® light trucks, SUVs and vans from the late 1980s to current



**Truck Brake Adjusting Tools**
**S9523 Brake Adjuster**

- Star nut turning tool for Chevrolet® trucks with overload springs
- Different angles at each end of tool for clearance
- Blades are 17/32" wide: tool is 5-1/4" long

**B1468 Brake Adjuster**

- For use on GMC® and Chevrolet® 1-1/2 and 2 ton trucks
- Tips on each end are bent 45° and then twisted 45° to allow access to brake-adjusting mechanism
- 9-1/4" long

**BT4651<sup>†</sup> Brake Slack Adjuster, Rockwell Style (For Heavy-Duty Trucks)**

- 5/16" double square configuration
- Automatic slack adjuster tool set includes offset, reversible automatic release tool
- Release tool slides under the button of the pull-pawl on the automatic slack adjuster until fully seated while the wrench is used to adjust the brake-to-drum clearance
- Screwdriver handle for performance and comfort

**HSA716<sup>†</sup> Slack Adjuster Wrench**

- For brake service and slack adjuster installation on heavy-duty trucks equipped with Haldex® automatic slack adjusters
- Used to turn the manual adjuster hex
- Extra-deep 7/16" hex allows reach to recessed adjusters
- 14-5/8" overall length helps to overcome the anti-reverse mechanism
- Turn over to reverse
- Protective vinyl boot helps to keep contaminants out of the ratchet mechanism for extended tool life

**BSA916<sup>†</sup> Slack Adjuster Wrench**

- For brake service and slack adjuster installation on heavy-duty trucks equipped with Bendix® automatic slack adjusters
- Used to turn the manual adjuster hex
- Extra-deep 9/16" hex allows reach to recessed adjusters
- 14-1/2" overall length helps to overcome the anti-reverse mechanism
- Turn over to reverse
- Includes a protective vinyl boot


**S9523**

**B1468**

**BT4651**

**HSA716**

**BSA916**

**S9153B**

**B1462A**

**B3404B**

**B1461**

**S5912**

**S6004**

**S6005**
**Automotive Brake Adjusting Tools**
**S9153B Brake Adjuster**

- Designed to work around obstructions on GM® vehicles
- Blades are 1/2" wide; tool is 7-7/8" long

**B1462A Brake Adaptor**

- For rear brakes of those cars and trucks with trailing arm bolts
- Tang at each end is set at 68°, but in opposite directions for use on left and right hand sides
- 8-1/2" long

**B3404B Brake Adjuster**

- For Bendix® self-adjusting brakes and other brakes with star adjusting nut (except Chevrolet®)
- Blades are 17/32" wide with 1/32" tip thickness
- 8-3/16" long

**B1461 Brake Adaptor**

- One end has a wide tang set at a 29° angle for rear brakes; other end is set at a 45° angle for front brakes
- 8-1/4" long

**S5912 Brake Adjuster**

- For use on VW®, Mazda®, Omni and Horizon
- Each tang tapers to a 1/4" tip width
- One tang is straight; other is offset 45°
- 8-1/2" long

**S6004 Brake Adjuster**

- For use on 1969 and later Toyota® when self-adjusting brakes are being dismantled

**S6005 Brake Adjuster**

- Similar to S6004
- For use on 1969 and later Toyota® when a complete dismantling of the self-adjusting brakes is required
- One end is angled at 60°; other end features a special offset
- Each tang tapers to a 1/4" tip width
- 5-1/4" long



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BTCP1

## Disc Brake Tools

### BTCP1 Brake Caliper Press (Blue-Point®)

- Works on both fixed and floating calipers
- Generates more than 1,600 ft-lb of force to retract the toughest caliper pistons
- Single-lever mechanism used to apply and release force for ease of operation and faster service
- Prevents damage to pistons, hubs or calipers
- Ensures parallel piston retraction on dual and quad piston calipers
- Easy left- and right-side use



BTCP400

### BTCP400<sup>+</sup> Small Brake Caliper Press

- Ratcheting mechanism allows for fast and easy retraction of single and multiple piston calipers
- Acme threaded rod spreads pads quickly with less ratchet swings
- Offset press plates permit tool to retract to a minimum .328"
- Compact vehicles, motorcycles and motor sport vehicles
- Will also work on most vehicles with standard non-wind back brake pistons, such as: Fiat 500®/Abarth®; Ford® Fiesta®; BMW® 3 Series®; Chevrolet® Impala®, Malibu®, Audi®, Porsche®, VW® rear calipers; Mitsubishi® Eclipse®, Lancer®, Lancer Evolution®, Toyota®, Scion®, Celica®, Yaris®; Honda® CBR®/CR®, Harley-Davidson®, BMW®, Yamaha®, Kawasaki®, Suzuki®, Triumph® motorcycles



BTCP500

### BTCP500<sup>+</sup> Brake Caliper Press (Blue-Point®)

- Works on twin and quad piston fixed calipers as well as single and twin piston floating calipers
- Centrally located ratchet evenly spreads force in a parallel manner to prevent misalignment of pistons
- Ratchet technology gives a full 360° swing
- Extended reversing lever allows for easy change from spreading to retracting



BTCP2SA

### BTCP2SA Brake Caliper Press

- Services vehicles with single and twin floating, twin piston fixed and quad piston fixed calipers
- Operating lever upgraded to heavy-duty forged steel
- Use to press brake caliper pistons for pad replacement
- Ensures parallel piston retraction to prevent damage to piston and seal
- Press plates rotate 180° for efficient operation on both left and right applications
- Heavy-duty design—all heavy load components manufactured from heat-treated tool steel for maximum strength
- Large 12 mm shaft diameter is heat-treated to prevent distortion or damage under heavy load
- Compression ratio of 15-to-1 provides output of 440 lb of force by just applying 28 lb of force with your hand
- High-strength, lightweight polymer housing offers high impact resistance



BTCP600

### BTCP600<sup>+</sup> Brake Caliper Press

- Newly designed plates allow for use on small single-caliper pistons found on light-duty trucks and medium-duty commercial vehicles
- Plates are 2-1/2 x 5-1/2", designed with unique geometry that allows the tool to be used on small and mid-sized vehicles all the way up to medium-duty commercial trucks
- Fine-tooth wheel allows increased 6.6° of swing arc allowing for increased accessibility
- Threaded parts are 3/4" on the male threads and 1-1/8" on the female side adding significant strength
- Works on single-, dual-, and quad-piston calipers; has a total spread of 1-3-1/4"
- Has a minimum spread of 1" and maximum spread of 3-1/4"



BTCS1

### BTCS1 1/2" Drive 17 mm Subaru® Caliper Bolt Impact Swivel Socket

- Impact-rated swivel socket
- Designed to clear suspension components on various Subaru® front caliper bracket bolts, allowing for the use of a 1/2" drive impact gun



## Disc Brake Tools

Stock No.	Size, mm	Finish	Description	A	B	C	D
FTSM4E	4	Chrome	3/8" Drive Metric 4 mm Standard Triple Square Bit Socket	48.6	21.6	17.2	FTSM4E2

### FTSM4E 3/8" Drive Metric 4 mm Standard Triple Square Bit Socket

- Use on VW®/Audi® door handle screws 1998–later, brake drum fasteners on VW® Touareg® plus many other 4 mm and 5 mm triple square applications
- 48.5 mm overall length

### YA8610B† Universal Brake Caliper Tool Set (Blue-Point®)

- Assists in replacement of brake pads on most four-wheel disc brake cars
- Tool and adaptors position brake piston back into caliper to allow clearance for newer, thicker brake pads
- Designed for most Audi®, Chrysler®, Ford®, GM®, Honda®, Jaguar®, Mazda®, MINI Cooper®, Mitsubishi®, Nissan®, Saturn, Subaru®, Toyota®, VW® and Volvo® vehicles
- Set includes (1) tool and (6) adaptors in a storage case

### YA8610B-7† Brake Caliper Tool Adaptor (Blue-Point®)

- Use on Mazda® 3 (2004 and newer), Mazda® 5 (2006 and newer), Mini Cooper® (all 2002 and newer), Volvo® S40® (2004-1/2 and newer), Volvo® V50® (2006 and newer), Volvo® C30® (2007 and newer), Pontiac® Solstice (2006 and newer), Saturn Sky (2007 and newer) and Jaguar® X type (2006 and newer)

### YA6730† Brake Caliper Tool Set (Blue-Point®)

- Combines the main body from the YA8610B set and the YA8610B-7 adaptor

### YA2440 Pad Spreader (Blue-Point®)

- For use on most US and import cars and light duty trucks with single piston disc brakes without parking brakes
- Compresses the disc brake piston for easy pad installation

### GA395A† Pad Spreader (Blue-Point®)

- Repair kit for FXKL Series Extensions

### YA9329A Piston Rotation Tool (Blue-Point®)

- Use to rotate piston back into caliper cylinder when replacing pads
- Also rotates parking brake cylinder back into the caliper cylinder on vehicles with four-wheel disc brakes
- For 1975 and later Ford®, Mercury® and some import vehicles

### BT350A Brake Piston Press (Blue-Point®)

- Presses single or dual pistons most cars, light and heavy-duty trucks
- Quick and easy to use—no nuts or bolts involved in pressing operations

### BTG8 8 pc Brake Pad/Shoe Gauge Set (Blue-Point®)

- Includes eight different testing blades of various colors and thickness: red 2 mm (0.0787"), red 3 mm (0.1181"), yellow 4 mm (0.1575"), yellow 5 mm (0.1969"), yellow 6 mm (0.2362"), green 8 mm (0.3150"), green 10 mm (0.3937") and green 12 mm (0.4724")
- Color-coded gauges: red indicates service required, yellow indicates caution and green indicates OK
- Constructed from 20-gauge sheet metal with durable powder-coat finish

### BTG9 Combination Brake Lining Thickness Gauge Set (Blue-Point®)

- Offset tips are designed to check both straight on or at a 90° angle to the rotor
- Gauges can be used without removing the wheel or caliper assembly on many applications
- Brake lining gauges identify thickness levels for brake lining inspection
- Made from durable, flexible acetal
- Gauges are color coded to match SAE or metric recommendations for brake pad replacement

### BTGHDP9 9 pc Heavy Duty Brake Gauge Set

- Gauge sizes are 6, 8, 10, 12, 14, 16, 18, 20 and 22 mm
- Designed to check both straight on or at a 90° angle to the rotor with offset tips so that the gauges can be used without removing the wheel or caliper assembly on many applications
- Brake lining gauges identify thickness levels for brake lining inspection
- Made from durable, flexible acetal



FTSM4E



YA8610B



YA2440



GA395A



YA9329A



BT350A



BTG8



BTG9



BTGHDP9



- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- Do not use "cheater bars" on prybars.
- 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.
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## BRAKE SERVICE TOOLS

SHOP EQUIPMENT



B1359B



BT518



BT12



BT1360



TAP1

### Truck Brake Tools

#### B1359B Brake Retainer Spring Tool

- For Chrysler® and Ford® 3/4 ton trucks equipped with Bendix® brakes
- U-shaped end is offset 30° 45° for easy removal of brake shoe to backing plate spring

#### BT518 Brake Shoe Tool

- For large trucks and trailers with air brakes with S cam design
- Provides leverage to back out brake shoe and remove roller cam
- Industrial finish

#### BT12 Brake Spring Tool

- Services brake shoe retracting springs on trucks using Bendix®, Wagner® and Kelsey-Hayes® systems
- Unique shape permits access and leverage

#### BT1360 Brake Spring Tool

- Remove brake shoe retaining springs from heavy-duty Ford®, GM®, Dodge® and International® trucks
- Large, comfortable handle
- Constructed for strength and durability

#### TAP1 Truck Anchor Pin and Bushing Press

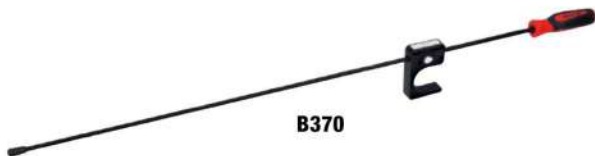
- Designed to remove brake anchor pins and bushings on 16-1/2" Q type S-cam tractor and trailer brake systems from Dana®, Spicer®, Arvin Meritor® (Rockwell®), Eaton®, Timkin and Fruehauf® without removing wheel hub
- Pressure pad retaining rings hold pads firmly in place
- Two-hand operation
- Interchangeable pressure pads allow removal of bushing alone or simultaneous pin/bushing removal
- Zerk grease fitting lubricates and flushes dirt from pressure screw for long life
- Designed for use with 3/4" impact guns
- Includes storage case



B240B



YA2780



B370

### Throttle Depressors/Brake Resetting Gauges

#### 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

#### YA2780<sup>±</sup> Brake Resetting Gauge (Blue-Point®)

- Automatically sets brake shoe size when measuring against drum walls
- Positive locking section ensures an accurate reading every time
- Improved range of 6-1/2–13-1/4"

#### B370<sup>±</sup> 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



SIML160



SIML180



BR1



BR2

### 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"

#### BR1<sup>±</sup> C-Ring Pliers (Blue-Point®)

- Opens the C-ring on the emergency brake actuation lever when changing rear brake shoes on many US cars, trucks and imports

#### BR2<sup>±</sup> C-Ring Pliers (Blue-Point®)

- Holds the C-ring without slipping during installation


**BBW1270**

**S6110A B1460B B1467A S6143 B1458C B1463A B1464A S8184 B1470 S6112 S6111**

## Bleeder Wrenches

### BBW1270<sup>‡</sup> 3 pc Brake Bleeder Wrench Set

- Special design features accommodate caliper-mounted electromechanical parking brakes
- Designed to work without removing wheels
- Easily accesses difficult-to-reach 11 mm bleeder screws
- The varied geometry of BBW1271, BBW1272 and BBW1273 Brake Bleeder Wrenches provides easy access to most 11 mm brake bleeder screws on all vehicle makes and models

### BBW1271<sup>‡</sup> Brake Bleeder Wrench

- For use on BMW<sup>®</sup> vehicles

### BBW1272<sup>‡</sup> Brake Bleeder Wrench

- For use on Volkswagen<sup>®</sup> vehicles

### BBW1273<sup>‡</sup> Brake Bleeder Wrench

- For use on Audi<sup>®</sup> vehicles

### S6110A Bleeder Wrench

- Use for GM<sup>®</sup>, Nissan<sup>®</sup> and Honda<sup>®</sup> vehicles
- 8 mm, 6-point box end; 10 mm on the other
- Ends are offset for clearance
- 7-9/16" (192 mm) long

### B1460B Bleeder Wrench

- 3/8" box end for brake bleeding work and a 7/16" box end for brake shoe eccentric bolt adjustment
- Offset clears drag link arm and recessed backing plate on front wheel
- 9-1/2" long

### B1467A Bleeder Wrench

- For GM<sup>®</sup>, Ford<sup>®</sup> and Chrysler<sup>®</sup> vehicles
- 5/16 and 3/8" single hex box ends are offset for access to bleeder fittings
- 8-1/2" long

### S6143 Bleeder Wrench

- For most imports
- 7 mm and 9 mm, 6-point box ends are offset for clearance
- 252 mm long

### B1458C Bleeder Wrench

- Includes 1/4" and 3/8" single hex box ends
- 9" long

### B1463A Bleeder Wrench

- 1/4"-3/8", 6-point box ends are tapered for clearance
- 3-3/4" long arms (for smaller bleeder fittings on most compact cars)

### B1464A 9-11 mm 6-Point Flank Drive<sup>®</sup> Brake Bleeder Wrench

- Ends are offset for extra clearance and length (9.28"/235 mm) allows for extended reach
- Manufactured from special alloy steel, precision forged, and heat-treated for optimum strength and durability
- Nickel-chrome plating helps protect against corrosion and makes it easy to wipe clean

### S8184 Bleeder Wrench

- For fittings on most GM<sup>®</sup> vehicles
- 3/8" and 5/16", 6-point box openings
- 4" long arms

### B1470 Bleeder Wrench

- For late model GM<sup>®</sup> and most import vehicles
- 8 mm, 6-point box end; 10 mm on the other
- Wrench has a 90° bend for access
- Arms are approximately 100 mm long

### S6112 Bleeder Wrench

- For some GM<sup>®</sup> and Toyota<sup>®</sup> vehicles, plus select imports
- 8 mm, 6-point box on one end; 10 mm on the other
- Wrench has 90° bend for access
- Arms are 130 mm long

### S6111 Bleeder Wrench

- Covers 90% of late-model US applications including late-model Chrysler<sup>®</sup>, Dodge<sup>®</sup>, Ford<sup>®</sup>, GM<sup>®</sup>, Audi<sup>®</sup>, Mercedes<sup>®</sup> and VW<sup>®</sup> vehicles
- 10 and 11 mm 6-point Flank Drive<sup>®</sup> wrenching configuration
- Ends are offset for extra clearance
- 9-1/4" long



<sup>‡</sup>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





**BRHC2PK**



**BTPUCK2**



**BTPUCK3**



**FTSM5E**



**FTSM6E**

## Disc Brake Tools

### BRHC2PK<sup>†</sup> Kit, Brake Rotor Holding Clips, 2 pc

- Allows for easy reinstallation of brake caliper, caliper bracket and pads
- Stabilizes the rotor to the hub
- Ergonomic grip for ease of use
- Clips made of hardened steel
- Includes (2) clips

### BTPUCK2 Two Pin Brake Piston Tool

- Universal and adjustable twin pin brake caliper piston resetting puck eliminates need for 15 or more different sized pucks to service brakes on a vast majority of vehicles on the road today
- Fully adjustable rotating body dials in the twin pins distance (center to center) for easy insertion into brake caliper piston face slots
- Slim-profile allows for easy access and quick service of narrow and/or micro-type calipers
- Services nearly every wind-back brake caliper piston with 2 or 4 faced slots
- Easily works with a 3/8 ratchet or any Wind-back type tool
- Exclusive rotating lock secures the twin pin spread/stroke, maintaining perfect fit every time

### BTPUCK3 Three Pin Brake Piston Tool

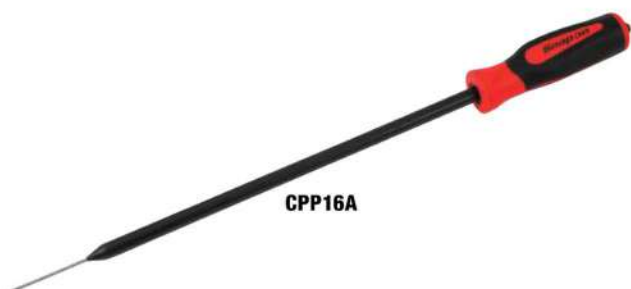
- Pins fully adjust and mate up to bores on brake piston surface
- For use on vehicles that have a disc brake caliper equipped with a singular piston and the emergency/parking brake system is incorporated within this brake caliper housing
- Tool resets the brake piston on calipers equipped with an Electric Parking Brake (EPB); not applicable to multi-piston calipers
- 3 Pin Puck for Audi<sup>®</sup> equipped with EPB

### FTSM5E 3/8" Drive Metric 5 mm Standard Triple Square Bit Socket

- Special alloy steel provides the highest match of strength and durability
- Nickel-chrome plating provides corrosion resistance
- Applications:  
Use on typically difficult to remove differential fill plug on 1988 to present various BMW<sup>®</sup> 3 and 5 Series vehicles

### FTSM6E 3/8" Drive Metric 6 mm Standard Triple Square Bit Socket

- Use to remove seat hold-down nuts on 1999 and later GM<sup>®</sup> full-size pickup trucks; also for use on VW<sup>®</sup> disc brake calipers



**CPP16A**

## Truck Brake Tools

### CPP16A<sup>‡</sup> Extended Heavy-Duty Clutch Pin Punch

- Overall length of 16" to access and perform routine maintenance on recessed and hard-to-reach roll pins
- Newly designed hardened tip increases product durability while reducing chances of breaking from repeated impact
- Striking end of pin extends 1/4" to protect handle from being damaged when in use
- Snap-on<sup>®</sup> Instinct<sup>®</sup> soft handle for improved grip, comfort and turning power
- Constructed of hardened steel; made in the USA

**Three Arm Honers and Stone Sets (Blue-Point®)**

Stock No.	Grit	Length, inches	Type
CF63A-100	100 (3)	1-1/8	Stone Set
CF63A-240	240 (3)	1-1/8	Stone Set
CF63A-400	400 (3)	1-1/8	Stone Set


**CF63A**
**CF63A<sup>†</sup> Three Arm Hone (Blue-Point®)**

- For 3/4–2-1/2" dia. cylinders
- Adjustable thumb nut to control tension

**BODY: UNIBODY AND FRAME-STRAIGHTENING EQUIPMENT**
**Pullers (Body)**
**CJ107 Body Dent Puller**

- Slide hammer action pulls out dent for filling
- L-hook included for larger jobs
- 4 lb slide hammer

**CJ114<sup>†</sup> Puller, Body Dent, 3 lb Slide Hammer (Blue-Point®)**

- Mainly for rocker, quarter, back and door panels
- Includes screw for puncturing sheet metal with a bodyman hook and seal hook for larger jobs
- 3 lb slide hammer

**YA2002 Quarter Panel Puller (Blue-Point®)**

- Removes dents from rear quarters and wheel wells
- Two 12" tubes (with different dimensions) fit most wheel well openings
- Use with chain attached to frame machine or portable power unit

**CJ1200<sup>†</sup> Puller Set, Slide Hammer (Blue-Point®)**

- Contains a 12 lb, contour-formed slide hammer and a variety of attachments for auto body repair work


**CJ107**

**CJ114**

**YA2002**

**CJ1200**
**Alignment Bar**
**BM175 Alignment Bar (Blue-Point®)**

- Use to align bumpers, window posts, wheel wells, panels, hoods, decks and brackets
- 6', 1/4" chain has hooks welded to each end for easy attachment to body components
- 4-1/2" long, 1-1/2" dia. tubing


**BM175**
**BODY: BODY REPAIR**
**Push-Pull Jack**
**BM101 Push-Pull Jack (Blue-Point®)**

- Capable of 3,000 lb push-pull power
- Aligns, straightens and removes dents
- Multipurpose hook on jack head and a hook on the 55" long friction rod
- Friction rod flexes to maintain constant pressure without bending, while the grooved end prevents slipping
- Three-position handle


**BM101**

- Do not use chrome or industrial finish hand tools with power drivers or impact drivers.
- Do not use "cheater bars" on handles.
- Operate hone or reamer only while it is within cylinder.
- †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





# BODY REPAIR

SHOP EQUIPMENT

## Body Repair Kits

The HPR400 and HPR1000 Hydraulic Portable Ram Kits provide the professional technician with components that can be configured to perform the basic tasks of spreading, clamping, pulling, pushing, lifting, pressing, bending, stretching and straightening with the convenience of hydraulic power.

- Hand pumps include a two-speed pump piston for extending the rams to the load quickly
- Gauge is liquid filled for shock resistance and provides user with easy to read force indicators
- Pump handle designed to protect gauge during use
- Release lever for quick opening, closing or for metering fluid flow
- Hydraulic pumps include larger reservoir capacity and sight window for checking fluid level
- Chromed pump pistons inhibit rust and corrosion with dust shields to limit contamination
- Grab handle for easy transporting and positioning
- Larger base feet for better stability during pumping
- Internal spring retracts standard and spreader rams when pressure is released
- Large extension tube diameters and increased wall thicknesses to resist bending



HPR400

- Extension tubes are designed for quick and easy connection with accessories
- Additional short stroke ram to access tight spaces
- Hydraulic hose constructed with double layers of steel wire mesh for longer wear
- Custom designed blow molded cases with wheels and metal closures include easily identified cavities for quick component storage
- Placard inside case lid and adapter icons in case bottom for easy component location and assembly capacities
- ASME® PASE® 2014 compliant
- Assembled and tested in the USA

Specifications	HPR400 <sup>‡</sup>	HPR1000 <sup>‡</sup>
Case Dimensions, W x L x H, inches (mm)	17.3 x 25.6 x 6.3 (440 x 651 x 160)	18.1 x 33.2 x 6.6 (460 x 843 x 168)
Extension Tube Lengths, inches (mm)	3.25 (82.6), 5 (127), 8.5 (216), 16.5 (419), 19.5 (495)	4.31 (109.5), 10.5 (267), 14.37 (365), 20.5 (521)
Hand Pump 2-Speed Capacity, PSIG (kPa)	7,300 (50,331)	8,100 (55,847)
Hand Pump Overall Dimensions, W x L x H, inches (mm)	5.62 x 16.5 x 6 (142.7 x 419 x 152.4)	5.62 x 22 x 6 (142.7 x 558.8 x 152.4)
Hose Length, inches (mm)	72 (1,829)	72 (1,829)
Hose Rating, PSIG (kPa)	10,000 (68,947)/BP 20,000 (137,895)	10,000 (68,947)/BP 20,000 (137,895)
Kit Capacity, tons (kg)	4 (3,636)	10 (9,091)
Kit Net Weight, lb (kg)	54 (24.5)	91.3 (41.5)
Kit Shipping Weight, lb (kg)	60 (27.3)	99.4 (45.2)
Short Ram Capacity, tons (kg)	4 (3,636)	4 (3,636)
Short Ram Closed Length, inches (mm)	1.62 (41)	1.62 (41)
Short Ram Extended Length, inches (mm)	2.25 (57.15)	2.25 (57.15)
Short Ram Stroke, inches (mm)	0.62 (15.9)	0.62 (15.9)
Spreader Ram Capacity, Tons (kg)	1/2 (454.5)	1/2 (454.5)
Spreader Ram Jaw Travel, inches (mm)	3.62 (92)	3.62 (92)
Spreader Ram Jaws Closed, inches (mm)	0.5 (12.7)	0.5 (12.7)
Spreader Ram Jaws Extended, inches (mm)	4.12 (104.6)	4.12 (104.6)
Standard Ram Capacity, tons (kg)	4 (3,636)	10 Ton (9,091)
Standard Ram Closed Length, inches (mm)	10.5 (266.7)	12.75 (323.8)
Standard Ram Extended Length, inches (mm)	15.25 (387.3)	17.87 (453.9)
Standard Ram Stroke, inches (mm)	4.75 (120.6)	5.12 (130)
Useable Fluid Capacity, fl-oz (ml)	13 (380)	22 (650)

- HPR400<sup>‡</sup> 4 Ton Portable Ram Kit
- HPR400-1<sup>‡</sup> Pump with Gauge and Hose
- HPR400-2<sup>‡</sup> 4 Ton Ram
- HPR400-3<sup>‡</sup> 4 Ton Short Ram
- HPR400-4<sup>‡</sup> 1/2 Ton Spreader Ram
- HPR400-5<sup>‡</sup> 3-1/4" Extension Tube
- HPR400-6<sup>‡</sup> 5" Extension Tube
- HPR400-7<sup>‡</sup> 8-1/2" Extension Tube
- HPR400-8<sup>‡</sup> 16-1/2" Extension Tube
- HPR400-9<sup>‡</sup> 19-1/2" Extension Tube
- HPR400-10<sup>‡</sup> Male Connector

- HPR400-11<sup>‡</sup> Flat Base
- HPR400-12<sup>‡</sup> 2 Ton Ram Toe
- HPR400-13<sup>‡</sup> 2 Ton Plunger Toe
- HPR400-14<sup>‡</sup> Wedge Head
- HPR400-15<sup>‡</sup> V-Base
- HPR400-16<sup>‡</sup> Serrated Saddle
- HPR400-17<sup>‡</sup> 1/2 Ton Rubber Head
- HPR400-18<sup>‡</sup> Storage Case 4 Ton Kit
- HPR1000<sup>‡</sup> 10 Ton Portable Ram Kit
- HPR1000-1<sup>‡</sup> Pump with Gauge and Hose
- HPR1000-2<sup>‡</sup> 10 Ton Ram

- HPR1000-5<sup>‡</sup> 4-5/16" Extension Tube
- HPR1000-6<sup>‡</sup> 10-1/2" Extension Tube
- HPR1000-7<sup>‡</sup> 14-3/8" Extension Tube
- HPR1000-8<sup>‡</sup> 20-1/2" Extension Tube
- HPR1000-10<sup>‡</sup> Male Connector
- HPR1000-11<sup>‡</sup> Flat Base
- HPR1000-12<sup>‡</sup> 5 Ton Ram Toe
- HPR1000-13<sup>‡</sup> 5 Ton Plunger Toe
- HPR1000-14<sup>‡</sup> Wedge Head
- HPR1000-15<sup>‡</sup> V-Base
- HPR1000-16<sup>‡</sup> Serrated Saddle
- HPR1000-17<sup>‡</sup> 1 Ton Rubber Head




**Hammers**

Stock No.	Handle Length, inches	Round Face Diameter, inches	Peen End Size, inches	Head Length, inches	Head Weight, oz
BF603B	13	1-19/32	1/16 x 7/16	6-1/8	12-1/2
BF604B	13	1-5/8	5/8	5-1/2	11-1/2
BF608B	13	1-5/8	5/8 x 1/16	—	11
BF610B	13	1-7/8	—	4-1/4	16
BF611B	12	1-15/32	—	—	7
BF612	12	1-15/32	—	—	7
BF614B	17	1-5/8	—	8-5/8	16
BF617B	13	1-7/8	—	—	16
BF618B	12	1-9/16	3/16 x 7/8	5	12-1/2
BF629	12	—	—	2-3/16	6-1/2
BF630B	13	1-19/32	1/4 x 7/16	6	12-1/2
BF631B	13	1-7/8	5/8	5-1/2	11-1/2
BF632B	13	1-1/4-1-5/8	—	6-5/8	16
BF635	12	1-7/16-1-5/8	5/8 x 1-1/2, 5/8 x 2	7	16
BF636	—	1-9/16	1/8 x 5/8	5-13/32	13

**BF603B Long Spot Pick Hammer**

- For bumping when filing or where metal is covered with soundproofing material

**BF604B Wide Nose Cross Peen Hammer**

- For finishing and caulking

**BF608B Short Curve Cross Peen Hammer**

- Use under fenders with rolled edges, use finishing face for dinging

**BF610B Shrinking Hammer**

- Serrated for shrinking and smooth square face for finishing
- Finishing head on other end

**BF611B Picking and Dinging Hammer**

- Smooths small dents and general dinging

**BF612 Compact Body Hammer**

- Compact, 1-3/4" head height provides user ability to take a full swing in hard to reach areas

**BF614B Long Picking Hammer**

- For turret and fender work

**BF617B Shrinking Hammer**

- Extra large faces for large area work
- Serrated for shrinking and smooth for finishing

**BF618B Wide Nose Peen Hammer**

- Bumps odd fender contours

**BF629 Compact Spot Pick Body Hammer**

- Hammer head is reduced to the smallest length possible and has only one tip
- Height and width of the head is slightly increased to maintain mass while providing a hammer that can work in the tightest of areas

**BF630B Spot Pick Hammer**

- Same design as BF603B except with blunted pick end

**BF631B Cross Peen Shrinking Hammer**

- Combines pick end of BF604B and serrated face of BF617B

**BF632B Door Panel Body Hammer**

- For door and body panel bumping
- Smaller diameter head is offset 45°
- Fiberglass handle

**BF635 Door Skin Hammer**

- For door skin replacement
- Narrow, rectangular faces work in tight flange area
- Fiberglass handle offers excellent balance and high-strength
- Medium crown head with 25° offset and 3-1/2" radius for working on narrow flanges against the door structure
- High crown straight head with 1-5/16" radius for finishing thin sections without poking holes

**BF636 Vertical Chisel Shrinking Body Hammer**

- Chisel has vertical orientation for improved ergonomics when performing vertical contour work
- Fiberglass handle offers excellent balance and strength
- Cross-hatch hammer face to effectively displace and shrink work surface


**Hickory Handles**

Stock No.	Length, inches	Hammers Used On
BF603-2R	13	BF603B, BF604B, BF608B, BF617B, BF610B, BF630B, BF631B, BF633, BF634
BF611-2R	12	BF611B, BF615 and BF618B
BF614-2R	17	BF614B

- Do not exceed rated capacity of hydraulic unit.
- Use only for the specific purposes intended.
- Read and follow safety messages in the instructions.
- Improper use can cause property damage, serious injury or death.
- Improper selection or placement of portable ram components can result in sudden breakage or damage.
- Users and bystanders need to stay clear when applying load or when load is applied.

- Do not use chipped, mushroomed, or cracked hammers.
- Strike squarely, avoid glancing blows.
- Do not strike hard surfaces, use only for striking sheet metal.
- † 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







2005BFA



2007BFB

## Body Tool Sets

### 2005BFA Body Tool Set

- Contains CJ114 body dent puller, BF608B, BF611B body hammers, BF716B dinging spoon and BF711B heel dolly (5 pc) in a plastic storage tray

### 2007BFB 7 pc Body Hammer Set

- Seven of the most common tools necessary for professional body work: BF716B spoon, BF608B, BF611B and BF617B body hammers and BF710B, BF711B and BF712B dollies in a foam storage tray



BF715B



BF716B

## Spoons

### BF715B 14" Spoon Dolly

- For caulking and forming deep pockets in doors and panels
- Head size is 2-1/2 x 1 x 3"; 14" total length

### BF716B 10" Light Dinging Spoon

- Smooths and levels ridges
- Not for prying
- Head size is 4-1/4 x 2"; 10" total length



BF707



BF710B



BF711B



BF712B



BF740

## Steel Dollies

B173.5 -1991 applies to all dollies.

### BF707<sup>+</sup> Heel Dolly (Blue-Point<sup>®</sup>)

- For use in sharp corners and wide radii
- Rubber coating provides cushioning effect
- Measures 3 x 2-1/2 x 1-1/2"

### BF710B 1.65 lb Steel Toe Dolly

- For dinging flat surfaces
- Measures 4-3/4 x 2-1/4 x 11/16", weighs 1.65 lb

### BF711B 2-1/4 lb Steel Heel Dolly

- For use in sharp corners and wide radii
- Measures 3 x 2-1/4 x 1-3/8"; 2.25 lb

### BF712B 2-1/4 lb Steel General Purpose Dolly

- For deep, skirted fenders and shrinking when using heat
- Measures 3 x 2-1/4 x 1-3/8"
- 2-1/4 lb

### BF740<sup>+</sup> Shot Dolly (Blue-Point<sup>®</sup>)

- Heavy-duty leather pouch is filled with 2-1/2 lb of shot
- Essential for supporting irregular shapes and contours on doors, fenders, and other body panels
- Thin profile to get in tight areas
- Will not scratch surface
- Measures 3-3/4 W x 5-3/4" L

## SNIPS



AVSNP02000



AVSNP01150



AVSNP01010



AVSNP01030



AVSNP01160



AVSNP01020

## Aviation Snips

- Serrated edges help create stable bite and prevent slippage
- Chrome-Molybdenum alloy steel forged blades provide greater strength and durability
- Solid and comfortable handle grips with nonslip design
- High tensional strength spring designed for longer life
- Center fastener provides high-tensile strength and longer life of tool
- Quick and easy spring-free automatic latch design, allows one hand release for better safety and convenience
- Meets ANSI<sup>®</sup> and DIN<sup>®</sup> standards

### AVSNP02000 2 pc Offset Aviation Snips Set (Blue-Point<sup>®</sup>)

- Includes (2) aviation tin snips, (1) left cut and (1) right cut

### AVSNP01150 Offset Aviation Tin Snips, Left Cut (Blue-Point<sup>®</sup>)

### AVSNP01160 Offset Aviation Tin Snips, Right Cut (Blue-Point<sup>®</sup>)

### AVSNP01010 Aviation Tin Snips, Left Cut (Blue-Point<sup>®</sup>)

### AVSNP01020 Aviation Tin Snips, Right Cut (Blue-Point<sup>®</sup>)

### AVSNP01030 Aviation Tin Snips, Straight Cut (Blue-Point<sup>®</sup>)

## Shop Shears

### HDSCISSORS Heavy-Duty Shop Scissors

- For leather, cloth, plastic, rubber, cardboard, gasket material, rope and many other materials
- Ergonomic handles can be used right or left handed
- 11-3/8" length

### SNP2A Angled Multipurpose Heavy-Duty Shears (Blue-Point®)

- For leather, cloth, plastic, rubber, cardboard, gasket material, rope and other materials
- Ergonomic handles can be used right or left handed; soft molded grip for comfort and control
- Blade is notched for hard wire and twine
- Locking switch ensures safety during storage
- Control switch allows blades to be held in a tighter position for easier handling
- Angled shears allow easier cutting through flat materials



HDSCISSORS



SNP2A



YA444B

## Vinyl Cutters

### YA444B Vinyl Cutter (Blue-Point®)

- Cleanly cuts plastic, rubber, vinyl, upholstery, leather, hoses and rope
- Ergonomic grip handle with safety lock
- Blade storage in handle
- Includes (3) stainless steel replacement blades (YA444B1)

### YA444B1 Replacement Blades (Blue-Point®)

- Includes (3) replacement blades and anvil for YA444B vinyl cutter

## FILES

## Nib Files

### BF193 Nip File (Blue-Point®)

- Removes unwanted paint runs, drips and other surface imperfections
- Gently shaves run without digging into surface



BF193

## Flexible Curved Tooth Files

### 14V 14" Curved Tooth File, 8 TPI

- 14", eight teeth per inch
- Rough cut
- Use with BF775C Handle

### 14V12 14" Curved Tooth File, 12 TPI

- 14", 12 teeth per inch
- Fine cut
- Use with BF775C Handle



14V

## File Handles

### BF775C-A Flexible File Holder (Blue-Point®)

- Light and rigid, with a large aluminum handle, adjustable turnbuckle and permanently attached strap



BF775C-A

## File Handles

- Wooden, twist on handles with case hardened threaded steel inserts

### GA616 Wooden Twist-On File Handle (Blue-Point®)

- For use on 10T, 10MA, 10HR and 12R files

### GA617 Wooden Twist-On File Handle (Blue-Point®)

- For use on 12MA and 12HR files

### GA618 Wooden Twist-On File Handle (Blue-Point®)

- For use on 8CT curved tooth file and 14 MA and 16MA files



GA616

## BODY: RIVETING AND NUT SETTING

## Nut Setting/Thread Setting Kits

### HP650 Thread Setter Kit (Blue-Point®)

- Includes a rugged thread setter tool and an assortment of SAE Klik® Poly-Nuts, including (12 ea) of 8-32, 10-24, 10-32; (8) 1/4"-20 and (6) 5/16"-18 threads
- Includes required nosepieces and mandrels for setting the above sizes
- Packaged in a storage case

### HP650M Metric Thread Setter Kit (Blue-Point®)

- Metric version of the HP650 with metric Klik® Poly-Nuts, including (25 ea) 4 mm and 5 mm, (15) 6 mm and (10) 8 mm threads
- Includes a thread setter tool, required nosepieces and mandrels packaged in a storage case



HP650M

- Do not use chipped, mushroomed, or cracked hammers.
- Strike squarely, avoid glancing blows.
- Do not strike hard surfaces, use only for striking sheet metal.
- Use on sheet metal only.
- Follow all safety precautions for welding and cutting.
- †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





## BODY: RIVETING AND NUT SETTING



HP300



HPKL2



HR-26PKC

### Riveting Kits

#### HP300 Large Blind Riveter Kit (Blue-Point®)

- Extra-long handled riveter
- Includes (3) nosepieces
- Also includes a bag of 50 Klik-Split® rivets

#### HPKL2 Plastic Rivet Kit (Blue-Point®)

- For plastic rivets that hold fascia strips, inner fenders and other plastic parts on GM®, Ford®, Chrysler® and VW® vehicles
- Includes rivet setter and (4) styles of plastic rivets: (2) 5 mm and (2) 6.3 mm

#### HR-26PKC Industrial Hand Rivet Tool Kit (Blue-Point®)

- Upper handle is forged Cr-Mo steel alloy
- Anti-wear design with high-strength alloy body and steel insert
- Special shock absorber on alloy body
- Auto-ejection design for quickly replacing the inside worn parts, such as jaws, by removing retaining screw
- Extra long handles 10-1/4" (260 mm) for better leverage to save hand force
- Sets 3/32, 1/8, 5/32 and 3/16" rivets
- Four interchangeable nosepieces for setting multiple rivet sizes

#### HR-26 Industrial Hand Rivet Tool (Blue-Point®)

Stock No.	Nosepiece, inches
HR26-03	3/32
HR26-04	1/8
HR26-05	5/32
HR26-06	3/16



HPS202



HP301C



HP310

### Riveting Tools

#### HPS202 Rivet Tool (Blue-Point®)

- Head swivels 360° to rivet at any angle
- Fasten metal, leather, canvas and vinyl
- Sets 3/32, 1/8, 5/32 and 3/16" rivets
- Four interchangeable nosepieces store in handle when not in use

#### HP301C Pneumatic/Hydraulic Rivet Tool

- Sets structural rivets, Klik-Fast® rivets from 5/32-1/4" dia. in all alloys plus Klik-Fast®/Monobolt® rivets from 3/16-1/4"
- Requires only 85-95 PSI 1/2" NPT threads
- Delivers 3,300 lb of work force at 5/8" stroke
- Includes 5/32, 3/16 and 1/4" nosepieces plus mandrel collection bottle
- Overall weight 6.6 lb

#### HP30N Optional Rivet Nosepiece (Blue-Point®)

- Use with HP2 rivet tool to replace OEM welded studs on trim molding
- For rivets with 1/8" body diameter
- 7/32" head diameter

#### HP310 Pneumatic/Hydraulic Rivet Tool

- Sets 3/32 to 1/4" dia. rivets in all materials
- Can also set T-Rivet/Klik-Split™, Klik-Lock® and all other structural rivets
- Includes 3/32, 1/8, 3/16, 5/32 and 1/4" nosepieces plus mandrel collection bottle

#### HP320 Pneumatic/Hydraulic Rivet Tool

- Sets 1/8 to 3/16" dia. rivets in all materials
- Includes: 1/8, 5/32 and 3/16" nosepieces plus mandrel collection bottle

### Soft Grip Trim Pad Tools

- Remove fasteners that secure door panels and trim pieces without damage to panel or trim
- Soft grip handles with contour thumb stop
- Distinct pivot point is designed for appropriate leverage and to discourage twisting that may damage panel or trim piece

Set Contains: **ASG103BR\***

Stock No.	A Opening Size, inches	B Blade Width, inches (mm)	C Overall Length, inches	
ASG185BR*	7/32	9/16 (14)	10	•
ASG186BR*	3/8	13/16 (21)	10	•
ASG187BR*	3/8	13/16 (21)	20	•
ASG188BR	7/16	13/16 (21)	10	
ASG189BR	7/16	13/16 (21)	20	
ASG190BR	3/8	13/16 (21)	20	

**Colors Available**

Red   
 Orange   
 Green

\* R O G

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



### Soft Grip Dished Trim Pad Tools

- Smooth dish profile and wide gap to fit vehicles utilizing conical x-mass style retainers for quick removal without damage
- Dished blade for better door panel clip and retainer contact
- Soft grip handle for comfort and control
- Chrome finish helps prevent corrosion and facilitates cleanup
- Applications: Ford®, GM®, Toyota® vehicles and more

Set Contains: **ASGD102BR**

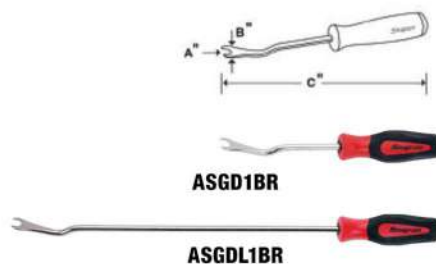
Stock No.	A Opening Size, inches	B Blade Width, inches (mm)	C Overall Length, inches	
ASGD1BR	7/16	13/16 (21)	10	•
ASGDL1BR	7/16	13/16 (21)	20	•

**Colors Available**

Red   
 Orange   
 Green

\* R O G

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



### Soft Grip Non-Marring Trim Pad Tools

- Separate tool for both the small and standard fasteners
- 90° bend provides increased leverage
- Vinyl dip on the 90° portion of the tool helps reduce damage to the vehicle
- Nickel-chrome finish blade
- Instinct® handle provides maximum turning power and greater comfort

Set Contains: **ASGP102BR**

Stock No.	A Opening Size, inches	B Blade Width, inches (mm)	C Overall Length, inches	
ASGP1BR	3/8	7/8 (22)	10	•
ASGP2BR	7/32	9/16 (14)	9	•

**Colors Available**

Red   
 Orange   
 Green

R O G

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



- Read and follow safety messages in the instructions.
- Plastic coated handles do not protect against electric shock.
- Read Safety Precautions on pages W1-W4





DPT7A



S9538A



S6103A

S9614A



ASDD103R



HRT10VWA

**Colors Available**



\* R O G

\*\* - O G

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

## Door Handle/Trim Pad/Trim Nuts

### DPT7A 7 pc Door Tool Set

- Includes the seven most needed tools for removing or replacing door trim, trim pads and handles
- Includes A159, A161B, A177A, A179A, S6103A, S9538A and S9614A in a storage tray

### S9538A Door Handle Tool

- For most late model Chrysler® vehicles
- Hook end is designed for use on older style handles

### S6103A Door Trim Palnut Driver

- For Ford® and GM® vehicles
- For easy servicing of 3/8" internal hex trim nuts used on door trim panels and molding

- 1/4" drive, 1-7/8" long overall

### S9614A Trim Nut Driver

- For GM® vehicles
- Similar to S6103A but is for use with 5/16" internal hex trim nuts
- 1/4" drive, 1-7/8" long overall

### A159† Door Handle Tool

- For most GM® cars, trucks (except Cadillac®) and some Ford® cars
- Plastic dipped offset handle
- 10-7/8" long

### A161BR\* Trim Pad Remover

- Remove fasteners the secure door panels and trim pieces without damage to panel or trim
- Features 3-3/4" ergonomic, acetate screwdriver handle
- Handles easily wipe clean and resist oils & solvents
- Designed for use on GM®, Ford® and Chrysler® vehicles

### A177AR\* Trim Pad Remover

- Designed for use on GM®, Ford®, Chrysler® and most imported vehicles

### A179A Trim Pad Remover

- For all GM® door trim panels
- Curved blade helps remove plastic clips and nail type clips without damage to either the clips or the trim

### A1810\*\* Trim Pad Remover

- Designed for use on Honda®, Toyota®, Acura®, Hyundai® and some Ford® trucks

### ASDD103R\* Trim Pad Removal Tool Set

- Remove fasteners that secure door panels and trim pieces without damage to panel or trim
- Features 3-3/4" ergonomic, acetate screwdriver handle
- Handles easily wipe clean and resist oils and solvents
- Pivot points of blade tips are designed for appropriate leverage and to resist twisting that can damage the trim piece or panel

### HRT10VWA† VW® Roof Grab Handle Tool

- Tool releases and removes the roof grab handle in the interior without any damage
- New stronger body allows for additional pressure to be used during application
- Designed to depress clips when tool is inserted to remove handle in a matter of seconds
- Black alloy steel made in the USA
- Snap-on® Exclusive

## Upholstery and Trim Tools

- Remove door and trim panels quickly without damage
- Wide blades on door tools reduce risk of damage during panel removal
- Stainless steel blades are heat treated for rigidity
- Comfortable composite handles feature a contour thumb stop for maximum control



UTS105A

UTS105A

Set Contains:

Stock No.	Description	Blade Width, inches (mm)	Overall Length, inches (mm)	
UTV614A	V Double Step Blade Door Panel Tool (Blue-Point®)	1-1/4 (32)	9-1/8 (231.8)	•
UTV615A	U Blade Door Panel Tool (Blue-Point®)	1-1/4 (32)	9-1/8 (231.8)	•
UTV616A	U Blade Mini Trim Panel Tool (Blue-Point®)	1/2 (13)	9 (228.6)	•
UTV617A	V Blade Mini Trim Panel Tool (Blue-Point®)	1/2 (13)	9 (228.6)	•
UTV618A	Reverse "U" Blade Door Panel Tool (Blue-Point®)	1-1/4 (32)	10 (254)	•

## Specialty Door Tools

### YA610A Lock Opening Reforming Tool (Blue-Point®)

- Reforms damaged lock openings to original contour on GM®, Ford®, Chrysler® and most import cars

### YA1201 Door Panel Remover (Blue-Point®)

- For GM® and Ford® vehicles
- Designed to prevent plastic barbed fasteners from being pulled through the panel

### YA214 Door Hinge Adjuster (Blue-Point®)

- Adjusts door hinge position on most vehicles
- Works on either bolted or welded hinges
- Two-headed pin adaptor allows adjustment on doors with both small and large latches
- 24" overall length



YA610A



YA1201

YA214