



FB310B



FB325A



FB335



FBL325A



FBM320

General Use

Stock No.	No. of Blades	Blade Dimensions, inches	Blade Size	Increments	Description
FB310B	13	1/2 x 3	.001, .0015, .002-.008, .010, .012, .013, .015"	—	Double stamped with fractional and metric sizes
FB325A	25	1/2 x 3	.0015, .002-.025"	.001"	General Use Feeler Gauge (25 blades)
FB335	35	1/2 x 3	.0015, .002-.035"	.001"	Swedish Steel Feeler Blade
FBL325A	25	1/2 x 12	.0015, .002-.021, .025, .027, .030, .040"	.001"	Long blade, double stamped with US and metric sizes
FBM320	20	1/2 x 3	.05-1 mm	.05 mm	Metric Feeler Gauge Set
FB31S	31	1/2 x 3	.0015-.035"	—	—



FB31S

Diesel

Stock No.	No. of Blades	Blade Dimensions, inches	Blade Size	Increments	Description
FB307D	14	1/2 x 4-1/2	.008, .011-.014, .016, .018, .020, .023-.025, .027, .029"	.001"	Bent Blade Cummins® Diesel, blade ends are bent at 90° angle; blades are secured on FB307C1 ring



FB307D



FB300A



FB308D



FB322



FB328A



FBM322

Bent And Step Blades

Stock No.	No. of Blades	Blade Dimensions, inches	Blade Size	Increments	Description
FB300A	25	1/2 x 3	.006-.030"	.001"	Feeler Gauge Set, blade ends are angled at 45°
FB308D	12	1/2 x 3	.008-.010, .011-.013, .013-.015, .014-.016, .015-.017, .017-.019, .018-.020, .020-.022, .023-.025, .025-.027, .028-.030"	.001"	Step Feeler Gauge Set
FB322	22	1/2 x 3-3/8	.004-.006, .025-.027"	.001"	"Go-No" blades with 2 sizes each
FB328A	2	1/2 x 3	.011-.013, .013-.015"	—	For valve adjustment on GM® 8.2 L engines, double stamped with SAE and metric sizes
FBM322	2	1/2 x 3	.20-.30, .40-.50 mm	—	10-3/4" long bent handle



• Read safety precautions on pages W1 to W4

MEASURING: FEELER/SPARK PLUG GAUGES



Specialty Feeler Gauges

Stock No.	No. of Blades	Blade Dimensions, inches	Blade Size	Increments	Description (Chart)
FB3330	10	1/2 x 4	.010, .012, .014, .016, .018, .020, .022, .024, .027, .030"	.001"	Double stamped with fractional and metric sizes
FB305A	6	1/2 x 3	.006, .008, .010, .01", .014, .016"	.002"	Non-magnetic, double stamped fractional and metric sizes



FB3330



FBP10



FB305A



FBS5

FB3330 Easy Grip Feeler Gauge Set (Blue-Point®)

- Double stamped with SAE and metric sizes
- Ten feeler gauges with orange screwdriver-type handles
- Blades feature a 45° offset for use on valve tappets and air gapping applications
- Includes 10 blades—the sizes are .010–.030"

FBP10 Pocket Feeler Blade

- Flat, ramp style feeler gauge handles full range of spark plug gapping requirements from .020"–.080"
- Reverse side has metric scale to 2 mm
- Orange screwdriver-type handle with pocket clip, 5-1/2" length

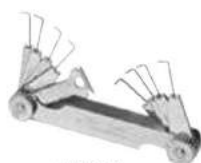
FB305A Feeler Gauge (Blue-Point®)

- Non-magnetic feeler gauge set
- Double stamped with U.S. and metric sizes

Feeler/Gap Gauge Set

FBS5 Feeler and Gap Gauge Set (Blue-Point®)

- Five-piece set includes: FB300A bent blade feeler gauge, FB305A non-magnetic feeler gauge, and FB325A general use feeler gauge, plus GA461C and FB360C spark plug gap gauges in the FBS5-1 kit bag



FB301A



FB302A



FB303B



GA461C



FB360C



FB361A

Spark Plug Gauges/Gappers

FB301A Wire Gap for Point Ignition Systems Gauge (Blue-Point®)

- Includes eight wires in sizes .020", .022", .025", .028", .030", .032", .035" and .040" and electrode bender

FB302A Wire Gap for Aircraft, Motorcycle, and Small Engines Gauge

- Includes eight wires in sizes .015, .016, .018, .020, .025, .028, .030, .035" and electrode bender

FB303B Wire Gap for Electronic Ignition Systems Gauge

- Includes six wires in sizes .044", .045", .050", .054", .060" and .080" and electrode bender

GA461C Gap for Point Ignition Systems Gauge

- Includes six wires protruding 1/4" from edge of metal disc
- Wire sizes are .025", .030", .034", .035", .040" and .045"
- Built-in electrode bender
- Double stamped with decimal and metric sizes

FB360C Gap for Electronic Ignition Systems Gauge (Blue-Point®)

- Includes six wire sizes: .040", .044", .045", .050", .060" and .080"
- Double stamped with decimal and metric sizes

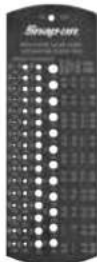
FB361A Gapper Gauge (Blue-Point®)

- Pocket size gapper features an inclined ramp for setting gap
- 1-1/2" diameter
- Range .020–.100"
- Double stamped with SAE and metric sizes

Decimal/Metric Conversion Chart

Decimal, inches	Metric, mm	Decimal, inches	Metric, mm	Decimal, inches	Metric, mm	Decimal, inches	Metric, mm	Decimal, inches	Metric, mm	Decimal, inches	Metric, mm
0.0010	0.025	0.007	0.178	0.015	0.381	0.023	0.584	0.031	0.787	0.042	1.067
0.0015	0.038	0.008	0.203	0.016	0.406	0.024	0.610	0.032	0.813	0.044	1.118
0.0020	0.051	0.009	0.229	0.017	0.432	0.025	0.635	0.033	0.838	0.046	1.168
0.0025	0.064	0.010	0.254	0.018	0.457	0.026	0.660	0.034	0.864	0.052	1.321
0.0030	0.076	0.011	0.279	0.019	0.483	0.027	0.686	0.035	0.889	0.054	1.372
0.0040	0.102	0.012	0.305	0.020	0.508	0.028	0.712	0.036	0.914	0.056	1.422
0.0050	0.127	0.013	0.330	0.021	0.533	0.029	0.737	0.038	0.965	0.060	1.524
0.0060	0.150	0.014	0.356	0.022	0.559	0.030	0.762	0.040	1.016	0.080	2.032

MEASURING: THREAD IDENTIFICATION



T1DG



T27GS



T28GM



T60K

Thread Identification

T1DG Drill Gauge

- Leaves the right amount of stock for approximately 65% full thread
- Easy-to-read white lettering on matte black finish
- Shows correct drill body size
- 60 holes with number sizes and decimal equivalents
- Made of hardened steel to resist wear
- Tested for accuracy and hardening

T27GS SAE Thread Gauge

- 27 leaves 1/4-28 TPI

T28GM Metric Thread Gauge

- 28 leaves
- .25 mm 2.5 mm
- Quickly determine the pitch of various threads

- Leaves on most gauges have a special narrow design, permitting checking of internal threads as well as external threads
- Clearly graduated on polished finish
- Locking device

T60K Thread Measurement Kit

- Drill gauge with both SAE and metric thread pitch gauges in one kit
- Drill Gauge provides correct sizing of a tap drill for any commonly sized machine screw tap in NF National Fine or NC National Coarse Thread Series (numbers 1-60 and .228-.040")
- Leaves on most gauges have a special narrow design, permitting checking of internal threads and external threads

- Leaves the right amount of stock for approximately 65% full thread
- Easy-to-read white lettering on matte black finish
- Shows correct drill body size
- 60 holes with number sizes and decimal equivalents
- Made of hardened steel to resist wear
- Tested for accuracy and hardening
- Clearly graduated on polished finish
- Locking device
- Fits in your pocket
- Packaged in red plastic box with foam insert

Feeler Blades and Holder

Feeler Gauge Blade (Blue-Point®)

Stock No.	Blade Size
FB6B0015	.0015"
FB6B002	.002"
FB6B0025	.0025"
FB6B003	.003"
FB6B004	.004"
FB6B005	.005"
FB6B006	.006"
FB6B007	.007"
FB6B008	.008"
FB6B009	.009"
FB6B010	.010"
FB6B011	.011"

Stock No.	Blade Size
FB6B012	.012"
FB6B013	.013"
FB6B014	.014"
FB6B015	.015"
FB6B016	.016"
FB6B017	.017"
FB6B018	.018"
FB6B019	.019"
FB6B020	.020"
FB6B021	.021"
FB6B022	.022"
FB6B023	.023"

Stock No.	Blade Size
FB6B024	.024"
FB6B025	.025"
FB6B026	.026"
FB6B027	.027"
FB6B028	.028"
FB6B029	.029"
FB6B030	.030"
FB6B032	.032"
FB6B035	.035"
FB6B040	.040"



FB6B040



• Read safety precautions on pages W1 to W4



COMBOSQ3

Measuring Sets

COMBOSQ3 Combination Square

- Includes reversible lock bolt, scriber, spirit level in both square head and protractor head
- Direct reading double 180° protractor
- Forged and hardened steel heads with smooth black enamel finish
- Spring-tempered steel blade
- Blade has non-glare satin chrome finish
- Blade has deep, black filled, chemical machined graduations that will last a lifetime
- Supplied in protective plastic case with foam insert



SQUAREB12

SQUAREB12 Machinist's Measuring Set (Blue-Point®)

- Includes SQUAREB90 sliding head and RULER12BSQ steel rule in fitted storage case

SQUARECOMB12 Combination Measuring Set (Blue-Point®)

- Includes SQUAREB180 protractor, RULER12BSQ steel rule plus SQUAREB90 and SQUAREB45 sliding heads in fitted storage case

SQUAREB90 Sliding Head (90°) (Blue-Point®)

- 90° square head with bubble level and scriber points



SQUARECOMB12

SQUAREB180 Protractor Head (180°) (Blue-Point®)

- Protractor is graduated 180° in both directions
- Includes bubble level

RULER12BSQ Steel Rule (12") (Blue-Point®)

- Precision ground and hardened steel blade for greater accuracy
- Graduated in 1/8" and 1/16" increments on one side and 1/32" and 1/64" increments on the other

SQUAREB45 Sliding Head (45°) (Blue-Point®)

- Center head for 45° angles only

MEASURING: STRAIGHT EDGES AND STEEL RULES

Precision Straight Edges

- Use with feeler gauges to check for distortion in engine blocks, cylinder heads, flywheels, main bearing saddles, cam bearing saddles, cam covers and bell housings
- Precision working edge ground to within .0002" per 12" in length
- Great stability with 1/4" thickness and 1 1/2" width
- Convenient hanging hole and edge protector



GA435

GA435 Precision Straight Edge

- Wide range of applications

GA438A 24" Precision Straight Edge

- Use with feeler gauges to check for distortion in engine blocks, cylinder heads, flywheels, main bearing saddles, cam bearing saddles, cam covers and bell housings



GA438A



GA535

- Precision working edge ground to within .0002" per 12" in length
- Great stability with 1/4" thickness and 1-1/2" width
- Convenient hanging hole and edge protector

GA535 Precision Straight Edge

- 18" long



RULER6



RULER12



RULER120



RULER600



RULER601



RULER602



RULERF6



RULERF12

Steel Rules

RULER6 6" Steel Rule

- Graduations in 8ths, 16ths, 32nds and 64ths
- Spring-tempered steel
- Non-glare satin chrome finish
- Deep, black filled, chemical machined graduations that will last a lifetime
- Quick reading, end graduations
- Burr-free
- Fits in your pocket

RULER12 12" Steel Rule

- Graduations in 8ths, 16ths, 32nds and 64ths
- Spring-tempered steel
- Non-glare satin chrome finish
- Deep, black filled, chemical machined graduations that will last a lifetime
- Quick reading, end graduations
- Burr-free
- Fits in your pocket

RULER120 US/Metric Steel Rule

- 12" stainless-steel rule
- 1/32" increments for first 3", 1/16" increments for last 9"
- Metric edge is etched with mm and cm increments
- Rule measures edge-to-edge

RULER600 Steel Rule

- 6" Eng Ruler
- Graduated in 1/32" and 1/64" increments
- Rule is not edge-to-edge

RULER601 Steel Rule (6") (Blue-Point®)

- 6" stainless-steel rule
- Graduated in 1/10" and 1/50" increments on one side, 1/32" and mm increments on the other
- Rule is not edge-to-edge

RULER602 6" SAE/Metric Pocket Rule

- 6" stainless-steel rule with pocket clip
- 1/32" and 1/64" increments on one side, mm and cm increments on the other
- Rule measures edge-to-edge

RULERF6 Chrome 6" Flexible Rule

- 6" full flexible steel ruler with satin chrome finish
- Rules with single row of inch figures (all rules under 1" width)
- 1/2" wide ruler with 1/64" thickness

RULERF12 Chrome 12" Flexible Rule

- 12" full flexible steel ruler with satin chrome finish
- Lengths include 8ths, 16ths, quick-reading 32nds and 64ths
- 1/2" wide ruler with 1/64" thickness
- Rules with double row of inch figures, and each edge represents the bottom edge reading left to right (rules 1" and wider)



TPMA10



TPMA12



TPMA25



TPMAM5



TPMA25EM

Aluminum Housing Tape Rules

TPMA10 10' Tape Rule

- 1/2" x 10' tape
- Includes SAE/metric scale with fractions

TPMA12 12' Tape Rule

- 3/4" x 12' tape
- Includes SAE scale with 16" stud markings

TPMA25 25' Tape Rule

- 1" x 25' tape
- Includes SAE scale with 16" stud markings

TPMAM5 5 m Tape Rule

- 19 mm x 5 m tape
- Includes metric scale

TPMA25EM 25' Tape Rule

- 1" x 25' / 7 m tape
- Includes SAE/metric scale with fractions

SAE/Metric Tape Rules

YA3600 SAE/Metric Tape Rule (Blue-Point®)



YA3600

Steel Housing Tape Rules

TPM100 Tape Rule (Blue-Point®)

- Includes inch/metric scale
- Quick rewind design for ease of use
- Rewinding lever conveniently stored in housing
- Nonslip grip provides confidence and comfort



TPM100

MIRRORS/PICK-UP TOOLS

LED Lighted Magnetic Pick-up Tools

UPT1LT LED Magnetic Pick-up Tool (Blue-Point®)

- Steel magnetic head lifts 8 lb and will not attach to unwanted metal surfaces
- Telescopes from 6-3/4-27-3/4"

UPT2LT LED Magnetic Pick-up Tool (Blue-Point®)

- Rotating magnetic heads lift up to 8 lb
- Telescopes from 8-32-3/4"

UPTLP2 Pen Light Pick-up Tool (Blue-Point®)

- Newly designed steel magnetic head lifts 8 lb and shields the sides from attaching to unwanted metal surfaces
- LED light illuminates dark areas
- Stainless-steel handle telescopes from 8-32-3/4"



UPT1LT



UPT2LT



UPTLP2



GA265A



YA837A



GA353B



DPTC24



UPTC16LT



UPTC16MLT

Claws (Flexible)

Stock No.	No. of Claws	Maximum Jaw Opening, inches	Flexible Section Length, inches	Overall Length, inches
GA265A	2	1	8	17-3/4
YA837A	4	3/4	16	23-1/2
GA353B	4	1	8	17-1/2
DPTC24	4	1-1/4	24	24-1/2
UPTC16LT	4	—	16-3/4	—
UPTC16MLT*	4	—	16-3/4	—

*Lighted

UPTC16MLT Lighted Flexible Spring Claw (Blue-Point®)

- Magnet able to pick up a maximum of 5 lb
- Four jaw claw opens wide to secure hard to reach objects

- Heavy-duty aluminum plunger with convenient side switch turns on/off bright LED Light as needed
- Tightly wound flexible spring snakes into tight areas
- Includes (2) CR2032 lithium batteries
- 25-11/16 long



• Read safety precautions on pages W1 to W4

MIRRORS/PICK-UP TOOLS Blue-Point®



PTS5



PT10C



PTIM5



PT28E



PT5C



PT30C



PT5CBL



UPT15



PHT5



UPT35



PHT5RD



UPT50A



PHT5BL



UPT65



PHT5GR



UPTM65K



PHT5OR



DPTM24



PT7B



UPT2FL



PT40B

Magnetic

PTS5 Magnetic Pick-Up Tool/ Scribe (Blue-Point®)

- Magnet in one end and a replaceable carbide steel scribe tip at the other
- 5" long, do not use as a pry bar or punch
- Includes pocket clip

PTIM5 Pick-Up and Inspection Tool (Blue-Point®)

- Magnet end lifts 1-1/2 lb
- Length is 26-3/4" extended, closes to 5-7/8"
- Mirror end is 1-1/4" in diameter
- Includes pocket clip

PT5C Telescopic Magnetic Pickup Tool (Blue-Point®)

- Lifts up to 2 lb
- Chrome plated shaft extends from 5-7/8-25-9/16"
- Includes pocket clip

PT5CBL Telescopic Magnetic Pick-Up Tool (Blue-Point®)

- 5-7/8" tool extends to 25-9/16"
- Magnet lifts up to 2 lb
- Includes pocket clip

PHT5 Telescopic Magnetic Pickup Tool (Blue-Point®)

- Lifts up to 2.5 lb
- Chrome plated shaft extends from 5-1/2-25-1/2"
- Powercap® shields sides of magnet for focused lifting
- Black cushion grip will not slip in oily or wet hands
- Includes pocket clip

PHT5RD Magnetic Pick-up Tool (Blue-Point®)

- Tool lifts 2-1/2 lb
- Telescopes from 5-1/2"-25-1/4"
- Powercap® shields sides of magnet for focused lifting

PHT5BL Magnetic Pickup Tool (Blue-Point®)

- Lifts up to 2.5 lb
- Chrome plated shaft extends from 5-1/2-25-1/2"
- Powercap® shields sides of magnet for focused lifting
- Blue cushion grip will not slip in oily or wet hands
- Includes pocket clip

PHT5GR Magnetic Pickup Tool (Blue-Point®)

- Lifts up to 2.5 lb
- Chrome plated shaft extends from 5-1/2-25-1/2"
- Powercap® shields sides of magnet for focused lifting
- Neon green cushion grip will not slip in oily or wet hands
- Includes pocket clip

PHT5OR Magnetic Pickup Tool (Blue-Point®)

- Lifts up to 2.5 lb
- Chrome plated shaft extends from 5-1/2-25-1/2"
- Powercap® shields sides of magnet for focused lifting

- Orange cushion grip will not slip in oily or wet hands
- Includes pocket clip

PT7B Magnetic Pick-Up Tool (Blue-Point®)

- Lifts 1 lb, 6" long

PT40B Flexible Magnetic Pick-Up Tool (Blue-Point®)

- Magnet lifts 3-1/2 lb
- Length is 21", including a 14" flexible section

PT10C Pick-Up Tool (Blue-Point®)

- Lifts 1 lb, 8-5/8" long

PT28E Pick-Up Tool (Blue-Point®)

- Lifts 2 lb
- 16-3/4" long and extends to 26-3/4"
- Aluminum head
- Probe O.D. is 1/2"

PT30C Pick-Up Tool (Blue-Point®)

- Lifts 6-1/2 lb
- 17" long and extends to 27-1/8"

UPT15 Telescopic Magnetic Pickup Tool (Blue-Point®)

- Lifts up to 2 lb
- 6-5/8" long and extends to 33-1/4"

UPT35 Telescopic Magnetic Pickup Tool (Blue-Point®)

- Lifts up to 4-1/2 lb
- 6-5/8" long and extends to 33-1/4"

UPT50A Telescopic Magnetic Pickup Tool (Blue-Point®)

- Lifts up to 10 lb
- 6-5/8" long and extends to 33-1/4"

UPT65 Telescopic Magnetic Pickup Tool (Blue-Point®)

- Goblet shaped magnetic head directs the flux to the front of the magnet to lift up to 16 lb
- Head shields the sides of the magnet from attaching to unwanted ferrous surfaces
- 9" long and extends to 34-1/4"

UPTM65K Magnetic Inspection Kit (Blue-Point®)

- Includes UPT65 pick-up tool and US225 inspection mirror in vinyl pouch

DPTM24 Flexible Magnetic Pick-Up Tool (Blue-Point®)

- In the retracted position, magnet will not adhere to untargeted ferrous metals
- Depress plunger to expose magnet from shroud and grab desired object
- 24" flexible shaft easily maneuvers through tight spots
- Cushion grip handle provides comfort and control

UPT2FL Flexible Magnetic Pickup Tool (Blue-Point®)

- 29" aluminum shaft can be easily bent at any angle
- Powercap® slides over the magnet and shields its sides from attaching to unwanted metal surfaces
- Lifts up to 5 lb

Hinged Mirrors (Blue-Point®)

UIM2FL Flexible Inspection Mirror (Blue-Point®)

- 32" aluminum shaft can easily be bent to any angle
- 2-1/4" mirror is encased in a rugged stainless-steel head
- All-angle ball joint holds mirror head tightly at any angle
- Textured cushion grip will not slip in wet or oily hands

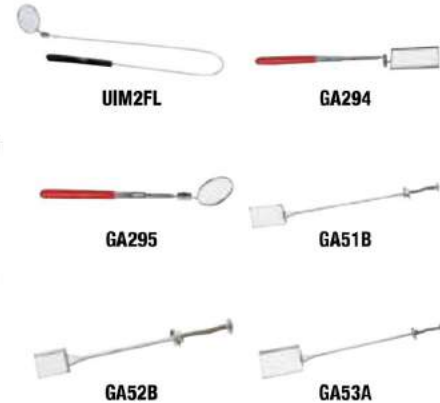
GA294 2-1/8 x 3-1/2" Mirror with 15" Shaft (Blue-Point®)

- 2-1/8 x 3-1/2" mirror with 15" shaft
- Has double ball joints that allow mirror to swivel a full 360°
- Electrolytic plated copper backing

- Features non-rotating telescoping rods
- Vinyl grip
- Closed length is 11-1/4"; extended length is 15-1/4"

GA295 2-1/4" Round Mirror w/ 14" Shaft (Blue-Point®)

- 2-1/4" round mirror with 14" shaft
- Has double ball joints that allow mirror to swivel a full 360°
- Electrolytic plated copper backing
- Features non-rotating telescoping rods
- Vinyl grip
- Closed length is 10"; extended length is 14"



Stock No.	Overall Length, inches	Mirror Size, inches	Glass Replacement Mirror	Plastic Replacement Mirror
GA51B	16-1/2	1-11/16 x 2-9/16	GA51B1	GA51B1P
GA52B	11	1-3/16 x 1-1/2	GA52B1	—
GA53A	16-1/2	2-5/16 x 3-3/8	GA53A1	GA53A1P

Pocket Mirrors

PTM143 Round Pocket Mirror (Blue-Point®)

- Handle extends from 4-1/2"–17"
- 1-1/4" in diameter
- Hinge mechanism allows 360° adjustment
- Includes pocket clip

CF143MA 17" Round Pocket Magnifying Mirror

- Handle extends from 4-1/2"–17"
- 1-1/4" Diameter
- Hinge mechanism allows 360° adjustment
- Includes pocket clip

PTM147 Round Pocket Mirror (Blue-Point®)

- Handle extends from 4-1/2"–17"
- 3/4" in diameter
- Hinge mechanism allows 360° adjustment
- Includes pocket clip

PTM157 Oval Pocket Mirror (Blue-Point®)

- Handle extends from 4-1/2"–17"
- 1 x 2" oval
- Hinge mechanism allows 360° adjustment
- Includes pocket clip



UIM225



TKSS01MIR



UIM2LM



UIM2NR

Telescoping Mirrors

UIM125 Telescoping Inspection Mirror (Blue-Point®)

- 1-1/4" diameter mirror
- 6-1/2" long and extends to 35"

UIM225 Telescoping Inspection Mirror (Blue-Point®)

- 2-1/4" diameter mirror
- 6-1/2" long and extends to 35"

UIM225RD Telescoping Inspection Mirror (Blue-Point®)

- Same as UIM225 but with red handle

UIM225GR Telescoping Inspection Mirror (Blue-Point®)

- Same as UIM225 but with green handle

UIM225OR Telescoping Inspection Mirror (Blue-Point®)

- Same as UIM225 but with orange handle

UIM325 Telescoping Inspection Mirror (Blue-Point®)

- 6-1/2" long, and extends to 29-1/2"
- Mirror is 3-1/4" diameter

TKSS01MIR Telescoping Hinged Steel Mirror (Blue-Point®)

- Steel mirror will not shatter if dropped
- Hinged for accurate positioning, telescopes from 7"–28-1/2" (177.8–723.9 mm)
- Mirror surface is 3.12 x 2" (79.4 x 50.8 mm)
- In retracted position, it will easily fit in shirt pocket

UIM2LM Magnifying Inspection Mirror (Blue-Point®)

- Stainless-steel handle telescopes from 11-1/2"–51-1/2"
- 2-1/4" magnifying mirror enlarges viewing area
- All angle ball joint holds mirror head tightly at any angle
- Textured cushion grip will not slip in wet or oily hands

UIM2NR No Swivel Rectangular Telescoping Mirror (Blue-Point®)

- All angle ball joint holds mirror head firmly at any angle
- Stainless-steel handle is long, strong and lightweight
- Heavy-duty grip will not slip in wet or oily hands
- Adjusts from 6-3/4"–29-3/4"
- 2-9/16 x 3-3/4" rectangular head



• Read safety precautions on pages W1 to W4

MIRRORS/PICK-UP TOOLS: MIRRORS



UIM1LT



UIM2LT



UIM2RSLT



UIM3LT

LED Telescoping Mirrors

UIM1LT Lighted Telescoping Inspection Mirror (Blue-Point®)

- LED light illuminates dark hidden areas
- Telescopes from 6-3/4–35-1/2–facilitate accurate inspections
- Mirror is 1-3/8"
- Angle ball joint firmly holds lighted mirror at any angle for perfect viewing
- Cushioned handle will not slip in wet or oily hands
- Uses (2) CR2016 batteries

UIM2LT Lighted Telescoping Inspection Mirror (Blue-Point®)

- LED light illuminates dark hidden areas
- Telescopes from 6-3/4–37–facilitate accurate inspections
- Mirror is 2-3/8"
- Angle ball joint firmly holds lighted mirror at any angle for perfect viewing

- Cushioned handle will not slip in wet or oily hands
- Uses (2) CR2016 batteries

UIM3LT Lighted Telescoping Inspection Mirror (Blue-Point®)

- LED light illuminates dark hidden areas
- Telescopes from 6-3/4–30-1/4–facilitate accurate inspections
- Mirror is 3-3/8"
- Angle ball joint firmly holds lighted mirror at any angle for perfect viewing
- Cushioned handle will not slip in wet or oily hands
- Uses (2) CR2016 batteries

UIM2RSLT LED Lighted Inspection Mirror (Blue-Point®)

- Telescopes from 6-3/4"–30" for fast, accurate inspections
- Mirror is 3-1/4 x 1-1/8"

BRAKE SERVICE TOOLS

Vacuum Pressure Pump Kit

YA4000B Automotive Test Kit (Blue-Point®)



YA4000B

- Produces vacuum or pressure at the turn of a switch
- Comfortable ergonomic design
- One-finger trigger vacuum/pressure release
- Durable, accurate diaphragm type pressure/vacuum gauge
- Handheld vacuum/pressure pump with 2" compound gauge and rubber boot
- 12 oz fluid reservoir bottle with fluid transfer and storage lids plus fluid pick-up tube
- Kit contains multiple accessories as shown, including tapered manifold plugs, vacuum caps and bleed screw adaptors
- Master cylinder refill kit
- Vacuum and pressure-related engine performance diagnostics and tune-ups; brake bleeding; fluid transfer, evacuation and sampling
- Brake bleeding
- Fluid transfer, evacuation, and sampling



YA4008

YA4008 Power Steering Adaptor Kit (Blue-Point®)

- Bleeds trapped air from power steering systems by drawing a vacuum through the reservoir fill neck
- Can also be used to test leaks by placing the system under a vacuum and observing change in gauge reading
- Each adaptor is designed to fit snugly in the neck of the power steering reservoir to form an air-tight seal when vacuum is applied
- External vacuum source such as the YA4000B hand vacuum pump is required (sold separately)
- Includes four adaptors: YA4008-1 (Ford®), YA4008-2 (GM®), YA4008-3 (universal) and YA4008-4 (right angle)



BDT80

Silencers

BDT80 Silencer Band

- For passenger car/light truck drums
- 1-3/4"

BDT69 Silencer Band

- Use for ventilated rotors

BDT96-2 Silencer Band

- Includes (2)
- For non-vented rotors (6.500"/165 mm) diameter



BDT94-2

BDT94-2 Silencer Band

- For non-vented rotors 9-1/4" diameter

BDT980 Spring Silencer Assembly

- For ventilated rotors



BDT063-10



BDT385-06



BDT066-10



BTK10A

Carbide Insert Bit Kits

BDT063-10 Negative Rake Carbide Bits 10 Pack

- Use for EEBR309A, EEBR312A and Ammco® brake lathes

BDT103-06 Positive Rake Carbide Bits 6 Pack

- 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

BDT060-10 Positive Rake Carbide Bits 10 Pack

- Use for Accu-Turn® brake lathes

BDT066-10 Positive Rake Carbide Round Tool Bits 10 Pack

- Round tool bits for AMMCO940630 tool holder

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 Pack

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

BTA10 Carbide Bit 10 Pack

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

BTF10 Carbide Bit 10 Pack

- Use for all FMC® lathes

BTK10A Carbide Bit 10 Pack

- 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



BB9018



BB9008



BB5002A

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 liter) 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 (800 ml) and BB5002A (592 ml container)

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



- Follow all safety messages in instructions
- Read safety precautions on pages W1 to W4

BRAKE: BLEEDER KITS



BB100C

Non-Diaphragm Type Brake Bleeder

BB100C Non-Diaphragm Type Brake Bleeder (Blue-Point®)

- 1-gallon capacity
- Self-contained, hand-pressurized pump
- More than 10' of hose with shutoff, 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



YA8925

Master Cylinder Pressure Cap

YA8925 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®, BMW®, Audi® and Porsche®

BRAKE: SERVICE TOOLS



BCS70A

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®)

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

BTK7A 7 pc General Brake Service Set

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



131A



B1356E



BT11



S6118A

Brake Spring Tools

Stock No.	Description
131A	Brake Spring Pliers
B1356E	Brake Retainer Spring Tool
BT11	Brake Spring Tool
S6118A	1/4" Drive Spring Cap Socket



B1458C



B1461



B3404B



B1467A



S6110A



S6112

Bleeder Wrenches

Stock No.	Description
B1458C	Bleeder Wrench
B1461	Brake Adaptor
B3404B	Brake Adjuster
B1467A	Bleeder Wrench
S6110A	Bleeder Wrench
S6112	Bleeder Wrench

Brake Spring Tools

BT27 Single Spring Brake Tool (Blue-Point®)

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



BT27



BT11

BT11 Brake Spring Tool

- Services Bendix® 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®, Lockheed® 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



131A



S6118A

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®)

- 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"



BT19A



B1356E

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



BT15



BT17A

BT17A Retainer Spring Tool

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

BT10 T-Handle Brake Spring Tool

- Easily relieves tension on single spring brakes for GM® 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



BT10



BT20

BT20 Brake Spring Tool for Toyota® Vehicles

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

Dial Test Indicator Sets

GA3634 Ball Joint/Disc Brake Test Indicator Set

- All purpose indicator sets
- Perfect for general use
- Indicator with 0"-1" range and .0005" graduations
- Easy-to-read white on black dial face
- GA3640 uses a fixed magnetic base
- GA3645 uses a conforming magnetic base for more mounting options
- GA3634 uses locking pliers and a flexible gooseneck for non-magnetic applications and difficult areas
- Ideal for brake and undercar work



GA3634



- Do not use "cheater bars" on handles
- Do not use chrome or industrial finish hand tools with impact drivers
- Read safety precautions on pages W1 to W4



DG530



RG430A



RM130



BCT1050



S9523



B1468



BT4651



HSA716



BSA916

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
- Range 6"-20.65" (150 mm-515 mm); graduations are .0005" (.01 mm)

RG430A Digital Rotor Gauge

- 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
- Range 0-5-1/2" (0-140 mm); graduations are .0005" (.01 mm)
- Easy to read digital display with inch/metric conversion

Disc Brake Gauges and Micrometers

RM130 Rotor Micrometer (Blue-Point®)

- Range of .30-1.3" in .001" graduations
- 3-1/2" deep frame
- Pointed anvil for checking grooves
- Includes 1" checking standard and storage case

Emergency Brake

BCT1050 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 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 Slack Adjuster Wrench

- For brake service and slack adjuster installation on heavy-duty trucks equipped with Haldex® automatic slack adjusters
- Use 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 Slack Adjuster Wrench

- For brake service and slack adjuster installation on heavy-duty trucks equipped with Bendix® automatic slack adjusters
- Use 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 protective vinyl boot



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



BTCP1



BTCP400



BTCP500



BTCP2S

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 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"

BTCP500 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

BTCP2S Brake Caliper Press

- Services vehicles with single and twin floating, twin piston fixed and quad piston fixed calipers
- High strength, lightweight polymer housing offers high impact resistance
- Large 12 mm (1/2") shaft diameter is heat-treated to prevent distortion or damage under heavy load
- Ensures parallel piston retraction to prevent damage to piston and seal
- Press plates rotate thru 180° for efficient operation on left and right brake calipers
- Drive mechanism manufactured from high-grade durable precision-cast heat-treated material
- Compression ratio of 15 to 1 provides output of 440 lb of force by just applying 28 lb of force with your hand
- Compression plates and guide bushings made from high-grade tool steel, heat-treated to ensure minimal distortion under heavy loads
- Brass inserts prevent damage at heavy load pivot points
- Rubber handle overlays provide operator comfort

BRAKE: SERVICE TOOLS



Disc Brake Tools

FTSM4E Metric Triple Square Driver

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

FTSM5E Metric Triple Square Driver

- Special alloy steel provides the highest match of strength and durability
- Nickel chrome plating provides corrosion resistance
- Application
- Removal of the differential fill plug on 1988 to present various BMW® 3 and 5 Series vehicles
- They are difficult to remove due to the tight places they are located

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

- Use to remove seat hold down nuts on 1999 and later GM® full-size pickup trucks and for VW® disc brake calipers
- Double hex sockets and triple square sockets cannot be interchanged between applications
- Using a triple square tool in a double hex application will strip the bolt head
- In general, triple square tools are used on European vehicles and double hex tools are used on Asian vehicles

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

YA6730 Brake Caliper Tool Set (Blue-Point®)

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

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)

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

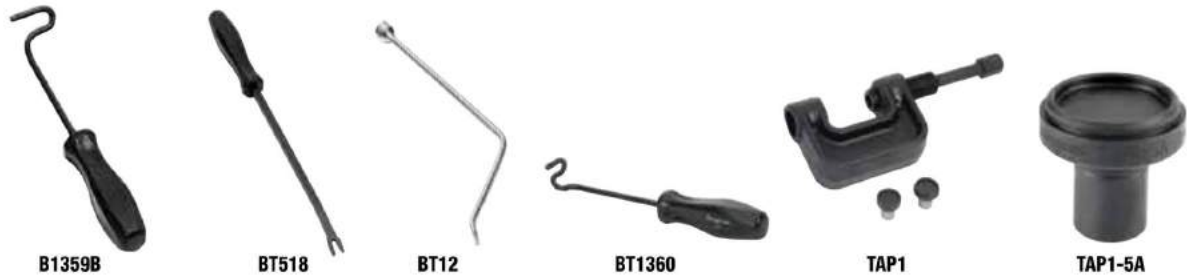
BTG8 8 pc Brake Pad/Shoe Gauge Set

- 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®)

- Designed to check both straight on or at a 90° angle to the rotor with the offset tips
- 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
- Special design works straight on or at 90°

Stock No.	Size, mm	Finish	Description	Type	A	B	C	D
FTSM4E	4	Chrome	Standard Length	Triple Square	17.2	21.6	48.5	FTSM4E2
FTSM5E	5	Chrome	Standard Length	Triple Square	17.2	21.6	48.5	FTSM5E2
FTSM6E	6	Chrome	Standard Length	Triple Square	17.2	21.6	48.5	FTSM6E2



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®, ArvinMeritor® (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

TAP1-5A Pressure Pad Adaptor

- Designed to remove anchor pin and bushing together on trailers
- For use with the TAP1 Anchor Pin and Bushing Press

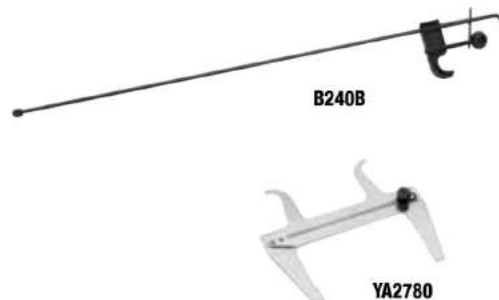
Throttle Depressor/Brake Resetting Gauge

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 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"



Emergency Brake

SIML160 6-Point Extra Deep Impact Socket

- Use to remove or replace fuel tank retaining strap nuts
- Also has applications on emergency brake adjustment nuts and stabilizer retainers
- 1/2" square drive; 1/2", 6-point wrench opening
- 5" long

SIML180 Socket

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

BR1 C-Ring Pliers

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

BR2 C-Ring Pliers

- Holds the C-ring without slipping during installation



• Read safety precautions on pages W1 to W4

BRAKE: SERVICE TOOLS



Bleeder Wrenches

S6110A Bleeder Wrench

- Use for GM®, Nissan® and Honda® 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

- Similar to S6110A
- 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®, Ford® and Chrysler® vehicles
- Similar to S6110A
- 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
- Similar to S6110A
- 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)

S8184 Bleeder Wrench

- For fittings on most GM® vehicles
- Similar to B1463A
- 3/8" and 5/16", 6-point box openings
- 4" long arms

B1470 Bleeder Wrench

- Similar to B1463A
- For late model GM® 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® and Toyota® vehicles, plus select imports
- Similar to B1463A
- 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®, Dodge®, Ford®, GM®, Audi®, Mercedes® and VW® vehicles
- 10 mm and 11 mm 6-point Flank Drive® wrenching configuration
- Ends are offset for extra clearance
- 235 mm long

BBW1271 Brake Bleeder Wrench

- Special design features to accommodate caliper mounted electromechanical parking brakes
- Designed to work without removing the wheels
- Easily access difficult-to-reach 11 mm bleeder screws

BBW1272 Brake Bleeder Wrench

- Special design features to accommodate caliper mounted electromechanical parking brakes
- Designed to work without removing the wheels
- Easily access difficult-to-reach 11 mm bleeder screws

BBW1273 Brake Bleeder Wrench

- Special design features to accommodate caliper-mounted electromechanical parking brakes
- Designed to work without removing the wheels
- Easily access difficult-to-reach 11 mm bleeder screws

BBW1270 Brake Bleeder Wrench Set

- Special design features to accommodate caliper mounted electromechanical parking brakes
- Designed to work without removing the wheels
- Easily access difficult-to-reach 11 mm bleeder screws
- With the varied geometry of these three wrenches, you will access most other 11 mm brake bleeder screws on all vehicle makes and models



PMP406A

Pipe Plug, mm, chrome

Size, mm	Stock No.	Dimension A, Dia., mm	Dimension B, Length, mm
6	PMP406A	17.2	25.8

PMP406A Internal Metric Pipe Plug Socket

- For rear brake adjustments on 1973-1986 Subaru®
- 3/8" drive, 6 mm internal square socket



CJ117C

Power Steering and Alternator Pullers/Single Pullers

CJ117C Power Steering and Alternator Pulley Puller

- Includes short adaptor to remove small flange-type pulley - use long adaptor on GM® 200/Platform vehicles
- Can also remove Chrysler® alternator pulleys that have double grooves
- Replace pulleys with CJ113B Installer
- Long adaptor included to handle pulleys on GM® minivans
- Nickel/chrome finish, industrial finish screw
- Designed for most US vehicles (replace pulley with CJ122 sets)



BRHC2PK



BTPUCK2



BTPUCK3

Disc Brake Tools

BRHC2PK 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® equipped with EPB

Models include:

- A4® (2008–current)
- A5® (2010–current)
- A6® (2005–current)
- A7® (2009–current)
- A8® (2010–current)
- ALLROAD® (2011–current)
- Q3® (2012–current)
- Q5® (2008–current)
- S4® (2008–current)
- S5® (2010–current)
- S8® (2006–current)

- 3 Pin Puck for BMW® equipped with EPB

Models include:

- E89 (Z4®) (2008–current)
- F10, F11 and F18 (5 Series®) (2010–current)
- F12 and F13 (6 Series®) (2010–current)
- F25 (X3®) (2010–current)
- MINI® (produced by BMW®) (2010–current)

- 3 Pin Puck for Range Rover® equipped with EPB

Models include:

- Evoque® (2011–current)

- 3 Pin Puck for Volvo® equipped with EPB

Models include:

- S60, V60® and XC60® (2010–current)
- V70® and XC70® (2008–current)
- S80® (2007–current)

- 3 Pin Puck for VW® equipped with EPB

Models include:

- Passat® (2005–current)
- Tiguan® (2008–current)
- Touareg® (2010–current)

- Spring loaded lock mechanism maintains pin positions
- Equipped with 3/8" drive ready to use with a ratchet or any conventional brake resetting tool

HONES

3-Arm Hones and Stone Sets

CF63A Three Arm Hone

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

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

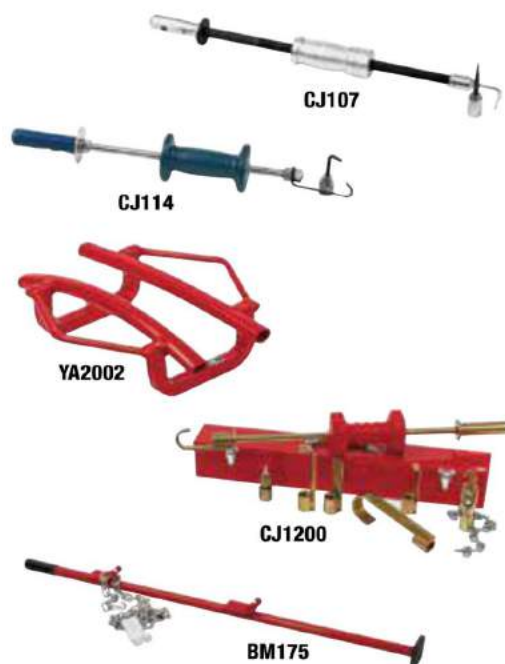


CF63A



- Operate hone only while it is within cylinder
- Do not use cheater bars on handles
- Read safety precautions on pages W1 to W4

BODY: UNIBODY AND FRAME-STRAIGHTENING EQUIPMENT



Pullers

CJ107 Body Dent Puller

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

CJ114 Puller, Body Dent, 3 lb Slide Hammer

- 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 Puller Set, Slide Hammer

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

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" diameter tubing

BODY: BODY REPAIR



Body Repair Kits

YA1544A Body Repair Kit

- 4 ton capacity model gives you the pushing and spreading power you need to make fast and easy work of everyday repairs
- Auto pump overload system protects against damage to rams and equipment
- 1/2 ton capacity hydraulic spreader has 2" jaw and spreads from 5/8"-3-3/4"
- Flex-head includes permanently-molded rubber pad
- Heavy walled extension tubes stand up to the toughest loads
- Long handle reduces required pumping effort
- 4 ton capacity kit includes hydraulic unit, five Snap-Set extensions, spreader and a full selection of attachments for most push applications; 18 pc kit includes durable storage case

YA1545 10 Ton Body Repair Kit (Blue-Point®)

- 10 ton capacity kit includes: (1) hydraulic unit, (4) extensions (4, 10, 18 and 27"), spreader and full selection of attachments in custom-fitted, rugged and wheeled storage case
- Pumps rated from 8,000-10,000 psi
- Portable for use on the road or in the shop

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

BODY: HAMMERS



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

Hammers

BF603B Long Spot Pick Hammer

- For bumping when filing or where metal is covered with sound-proofing 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 Hammer Shrinking

- Same design as BF617B except the serrated shrinking face is square
- Finishing head on other end

BF611B Picking and Dinging Hammer

- Smooths small dents and general dinging

BF612 Compact Body Hammer

- 8 oz head equivalent to BF611B to provide familiar swing weight
- 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

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



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

BODY: BODY TOOL SETS

Body Tool Sets

2005BFA Body Tool Set

- Contains CJ114 body dent puller plus BF608B and BF611B body hammers, BF716B dinging spoon and BF711B heel dolly (5 pc)

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



2005BFA



2007BFB



- Do not use chipped, mushroomed, or cracked hammers
- Strike squarely, avoid glancing blows
- Do not strike hard objects, use only for striking sheet metal
- Read safety precautions on pages W1 to W4

SNIPS



CD10A



CD12A



CD16A



AVSOS20



AVS30



SNP2A

Tin Snips

Cut straight, circular or irregular patterns; right or left cuts.

CD7A Duckbill Tin Snips

- (Blue-Point®)
- 1-1/2" blades
- 7" long

CD10A Duckbill Tin Snips

- (Blue-Point®)
- 2-1/4" blades
- 10" long

CD12A Combination Tin Snips

- (Blue-Point®)
- 3" blades
- 12" long

CD16A Bulldog Tin Snips

- (Blue-Point®)
- 2-1/2" blades
- 16" long

Aviation Snips

- Offset blades allow cut material to flow beneath your hand without curling
- Maneuverable for angle cutting or pattern configurations
- Cuts up to 18 gauge mild steel
- Black oxide finish
- 1-1/8" cutting edge
- 9-1/2" long

AVSOSR9 Snips

Right hand cut

AVSOSL9 Snips

- Red handle
- Left hand cut

AVSOS20 Aviation Snips Set

- Includes AVSOSR9 Right Hand Snips and AVSOSL9 Left Hand Snips (2 pc)

AVSS10 Snips

- Yellow handle
- Straight cut

AVSR10 Snips

- Right hand cut
- Green handle

AVSL10 Snips

- Left hand cut
- Red handle

AVS30 Aviation Snips Set

- Includes AVSR10 Right Hand Snips, AVSL10 Left Hand Snips and AVSS10 Straight Snips (3 pc)

AVSNP01010 Aviation Tin Snips, Left Cut (Blue-Point®)**AVSNP01020 Aviation Tin Snips, Right Cut (Blue-Point®)****AVSNP01030 Aviation Tin Snips, Straight Cut (Blue-Point®)****AVSNP01150 Offset Aviation Tin Snips, Left Cut (Blue-Point®)****AVSNP01160 Offset Aviation Tin Snips, Right Cut (Blue-Point®)****AVSNP02000 2 pc Offset Aviation Snips Set (Blue-Point®)****AVSNP03000 3 pc Aviation Snips Set (Blue-Point®)****AVSNP2000 2 pc Offset Aviation Snips Set****AVSNP3000 3 pc Aviation Snips Set**

Light-Duty and All Purpose Snips

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

SHEARS/CUTTER



HDSCISSORS



YA444B

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

Vinyl Cutters

YA444B Vinyl Cutter (Blue-Point®)

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

YA443B-1 Replacement Blades

- 3 replacement blades for YA443B and YA445B cutters