

## Brake Tools

### Brake Bleeder Bottles

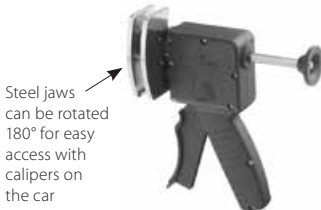


Our bleeder bottles feature an extra nipple on the top which gives you a place to "park" the tubing. This allows any brake fluid remaining in the tubing to drain back into the bottle, making storage much less messy. Dripping brake fluid can ruin most painted surfaces, so it is important to keep the old fluid where it belongs. The nipple also vents the bottle during use, so you can keep the cap on tight at all times. Some other bottles require you to loosen the cap to let the air out, inviting brake fluid spills. We offer bottles with a traditional lanyard (left) for hanging from suspension parts, or with a magnet (right) to stick to any ferrous metal part. Sold individually.



- Bleeder Bottle with Lanyard ..... Part No. 3139 ..... \$17.99
  - Bleeder Bottle with Magnet ..... Part No. 3136-400 ..... \$16.99
  - One-Man Bleeder Bottle with Magnet ..... Part No. 3136-350 ..... \$19.99
- This bottle has an integrated one-way check valve in the hose to stop air from being pulled back into the system. Use it whenever you can't use the Speed Bleeders at right.*

### Brake Pad Spreading Tool



Steel jaws can be rotated 180° for easy access with calipers on the car

This easy-to-use tool pushes the pistons back into your brake calipers for quick and hassle-free brake pad changes. Using the wrong tool can damage pads, rotors, pistons, and seals. Our pistol-grip spreader pushes squarely against the piston to prevent cocking the piston in the bore. Simply insert the jaws in the caliper and squeeze the handles together. Works on virtually any caliper\* — floating or fixed, single, twin, or 4-piston.

You can even use it on huge 6-piston monobloc calipers. The jaws can be rotated 180 degrees so you don't have to pull the caliper off the car. The heavy-duty, corrosion-resistant plated steel jaws measure 3 1/2" wide x 1 1/2" deep x 1/4" thick. This reliable tool is backed by a limited lifetime warranty.

- Brake Pad Spreading Tool ..... Part No. 3136-300 ..... \$119.99
- \* Not for parking brake calipers which retract by rotating the piston.

### Speed Bleeders – Bleed brakes without a helper!

Special sealant on the threads helps to prevent air leaking in while bleeding.



Speed Bleeders allow true one-person hydraulic system bleeding with no special equipment or compressed air source. When the Speed Bleeder screw is opened, a one-way ball check valve allows fluid and air out, but nothing back in. Unlike some other designs on the market, Speed Bleeders use a standard seat, so they cannot fail while the screw is closed. Speed Bleeders give you the convenience of a check valve without compromising the inherent reliability of a standard bleeder screw.

- 1/4"-28 Speed Bleeder Screw, 1.0" long overall ..... Part No. 3266-16 ..... \$9.69
- 7 x 1.0 mm Speed Bleeder, 1.2" long overall ..... Part No. 3266-12 ..... \$9.69
- 8 x 1.25 mm Speed Bleeder, 1.2" long overall ..... Part No. 3266-17 ..... \$9.69
- 3/8"-24 Speed Bleeder Screw, 1.3" long overall ..... Part No. 3266-10 ..... \$9.69
- 10 x 1.0 mm Speed Bleeder, 1.2" long overall ..... Part No. 3266-14 ..... \$9.69
- 10 x 1.25 mm Speed Bleeder, 1.2" long overall ..... Part No. 3266-15 ..... \$9.69

### Brake Piston Removal Wrenches

These accurately machined and anodized 6061-T6 wrenches fit snugly around your caliper pistons to provide a very firm grip. This allows you to safely insert and remove pistons using a gentle twisting motion while applying axial pressure. The chance of damaging a piston or seal (or causing serious injury) is greatly reduced compared to improvised methods. Sharp laser engraving on the black handles makes it easy to identify the correct size wrench.



Flat provides clearance between pistons on 4- and 6-piston calipers

- Brake Piston Wrench, 31.8mm (1 1/4") ..... Part No. 3915-31.8mm ..... \$41.99
- Brake Piston Wrench, 38.0mm (1 1/2") ..... Part No. 3915-38.0mm ..... \$41.99
- Brake Piston Wrench, 41.3mm (1 5/8") (Lockheed LD 19) ..... Part No. 3915-41.3mm ..... \$41.99
- Brake Piston Wrench, 44.5mm (1 3/4") (LD 20 & ICP) ..... Part No. 3915-44.5mm ..... \$41.99
- Brake Piston Wrench, 47.6mm (1 7/8") (Girling 14LF) ..... Part No. 3915-47.6mm ..... \$41.99

## Wheel Studs and Lug Nuts

We stock wheel studs for many popular applications. These heat-treated 8740 chrome moly studs boast a 200,000 psi tensile strength to withstand the shock loads and lateral forces in racing applications.\* Lug nuts sold separately.

Application	Knurl Dia.	Knurl Length	Nose Length	Shank Length	Thread Size	Part No.	Price and Package Qty.
Chrysler Rear	0.680"	0.400"	0.400"	3.125"	1/2-20	3546-001	\$15.18 for 5 studs
Ford Rear Disc/Chrysler Front	0.625"	0.400"	0.437"	3.500"	1/2-20	3546-002	\$14.77 for 5 studs
Ford Front Disc	0.618"	0.800"	0.250"	3.050"	1/2-20	3546-003	\$82.01 for 5 studs
2005 & Up Ford Mustang Front	0.550"	0.300"	0.300"	3.315"	1/2-20	3546-020	\$68.15 for 5 studs
2005 & Up Ford Mustang Rear	0.615"	0.300"	0.300"	3.115"	1/2-20	3546-021	\$68.15 for 5 studs
Late GM Drum	0.486"	0.420"	0.308"	3.165"	7/16-20	3546-004	\$13.38 for 5 studs
Late GM Disc / Early GM Drum	0.580"	0.300"	0.305"	3.200"	7/16-20	3546-005	\$13.38 for 5 studs
Late F-Body, Corvette (Short)	0.509"	0.315"	none	2.500"	M12x1.5	3546-006	\$15.18 for 5 studs
Late F-Body, Corvette (Long)	0.509"	0.315"	none	3.250"	M12x1.5	3546-007	\$36.60 for 5 studs
1980-2000 Honda/Acura (Stock)	0.485"	0.275"	0.350"	1.850"	M12x1.5	3546-008	\$16.10 for 4 studs
1980-2000 Honda/Acura (Long)	0.485"	0.275"	0.350"	2.850"	M12x1.5	3546-009	\$19.58 for 5 studs
Aftermarket Axles, 12-point head	none	none	0.500"	3.470"	1/2-20	3546-010	\$17.17 for 4 studs
Speedway Engineering Pro 4 Disc	0.568"	0.710"	0.437"	2.970"	1/2-20	3546-011	\$20.90 for 5 studs
Triumph Spitfire, GT6, some FF	0.523"	0.44"	0.070"	1.41"	3/8-24	3546-012	\$14.93 for 5 studs
Miata 1990-93 F&R, 94-05 Front	0.507"	0.335"	0.350"	2.750"	M12x1.5	3546-013	\$15.18 for 5 studs
Miata 1994-2005 Rear	0.579"	0.300"	0.350"	2.750"	M12x1.5	3546-014	\$8.79 each
						3546-015	\$29.28 for 4 studs
						3546-016	\$29.28 for 4 studs



Note: Part No. 3546-014 sold individually

\* Except Part No. 3546-014, which is an OEM-quality wheel stud.

	Honda/Acura 12 x 1.5 mm Part No. 3548-001		GM (non-metric) 7/16-20 Part No. 3548-004
	Ford/Chrysler 1/2-20 Part No. 3548-002		GM (metric) with Aluminum Wheels 12 x 1.5 mm Part No. 3548-005
	Dodge/Chrysler 1/2-20 Part No. 3548-003		GM (metric) with Steel Wheels 12 x 1.5 mm Part No. 3548-006

We stock high-quality lug nuts for some of the most common racing applications. Lug nuts are sold individually. Note: "Open" in the chart below indicates that the thread goes all the way through the lug nut.

Application	Thread Size	Hex Size	Length	Seat	Open/Closed	Plating	Part No.	Price each
Honda/Acura	M12 x 1.5	19mm	19.5 mm	12 mm	Open	Chrome	3548-001	\$2.89
Ford/Chrysler	1/2-20	13 1/16"	5/8"	60°	Open	Zinc	3548-002	\$2.29
Dodge/Chrysler	1/2-20	3/4"	9/16"	60°	Open	Zinc	3548-003	\$2.49
Most GM (non-metric)	7/16-20	3/4"	9/16"	60°	Open	Zinc	3548-004	\$2.19
GM with Aluminum Wheels (metric)	M12 x 1.5	19mm	23 mm	60°	Open	Zinc	3548-005	\$3.49
Most GM with Steel Wheels (metric)	M12 x 1.5	19mm	14 mm	60°	Open	Zinc	3548-006	\$2.99
Triumph Spitfire, GT6, some FF	3/8-24	1 1/16"	5/8"	60°	Open	Zinc	3548-008	\$4.69