

Ratchet Style Jack Stands

- Formed and welded steel base for strength, self-locking ratchet handle that cannot be released under load. Durable baked enamel finish resists corrosion.
- Stands conform to ANSI PALD-4 load rating standard, are factory tested before shipment.

- No. 1772C** Pair of 3-ton Jack Stands. Base: 8-1/4" x 7-1/2". Height range: 11" to 17".
- No. 1773C** Pair of 6-ton Jack Stands. Base: 11-7/16" x 10". Height range: 15-3/8" to 24-1/2".
- No. 1784C** Pair of 12-ton Jack Stands. Base: 12-5/8" x 11-3/8". Height range: 19-1/2" to 30-3/4".



Air/Hydraulic Bottle Jacks

- Operate manually or pneumatically, 100 PSI minimum air pressure required.

- No. 4313C** 12-ton air-assist bottle jack; lift range 9-1/2" to 18-5/8"; 3-1/4" screw.
- No. 4321C** 20-ton air-assist bottle jack; lift range 9-7/16" to 17-11/16".



Stinger Hydraulic Bottle Jacks

- Competitively priced with quality and reliability you expect.
- These jacks can be used vertically or horizontally.

- No. 4302A** 2-ton jack, minimum height 7-1/8" x stroke 6-3/4", 2" screw adjustment length.
- No. 4304A** 4-ton jack, minimum height 7-5/8" x stroke 4-5/8", 2-3/8" screw adjustment length.
- No. 4306A** 6-ton jack, minimum height 8-1/2" x stroke 5", 2-3/4" screw adjustment length.
- No. 4308A** 8-ton jack, minimum height 9-1/16" x stroke 6-3/4", 3-1/8" screw adjustment length.
- No. 4312A** 12-ton jack, minimum height 9-1/4" x stroke 5-3/4", 3-1/8" screw adjustment length.
- No. 4314A** 12-ton short jack, min. height 6-1/8" x stroke 4-5/16", 1-1/2" screw adjustment length.
- No. 4320A** 20-ton jack, minimum height 9-5/8" x stroke 6-3/4", 2-3/8" screw adjustment length.
- No. 4322A** 20-ton short jack, min. height 6-3/8" x stroke 6-3/4", 1-3/8" screw adjustment length.
- No. 4332A** 32-ton jack, minimum height 10-1/4" x stroke 6-11/16", no screw.
- No. 4350** 50-ton jack, minimum height 9-1/2" x stroke 5-3/8", no screw.



Stinger Series 4- & 10-Ton Collision Repair Sets

- Components snap together for quick setups to apply pushing, spreading, or pulling force.
- Components include hydraulics with extension tubes, adapters, and heavy-duty storage case.

- No. 1513B** 4-Ton Collision Repair Set. Ram has 4" stroke.
- No. 1515B** 10-Ton Collision Repair Set. Ram has 6" stroke. Storage case comes with wheels.

5-Ton Bar-Type Puller/Bearing Separator Set

- This combination set includes our two most popular bearing "splitters" (2" and 3"), four sets of hex push-puller legs and a bar-type puller head with a 9/16" forcing screw. Separator tools are used with bar puller and legs for a wide variety of pulling jobs.
- The 5" puller cross-bar with a 6-1/4" forcing screw and each of the bearing separators may be used separately or in combination with other pullers or tools.
- Housed in a blow-molded plastic storage case.

- No. 4518** Bearing Separator/Bar-Type Puller Set.



Multipurpose Bearing and Pulley Puller Set

- For a wide range of pulling jobs, including bearings, alternators, generators, power steering and crankshaft pulleys, timing gears, and harmonic balancers.
- Set includes drop-forged components, which can be used in a variety of combinations.

Contents of Set:

- 2 - Clamp Bolts
- 3 - Pairs of Capped Bolts
- 2 - Forcing Screws (Live Center): 3/4"-16 x 6-11/16" and 3/4"-16 x 5"
- 2 - Cross-bar Yokes: 3 pin-hole @ 3-1/4" to 5-1/2", 2 pin-hole @ 2-3/8" to 3-3/8"
- 3 - Pairs of Puller Jaws: 1-3/8", 1-5/8", and 1-3/4" max.
- 1 - Pair of Jaw Pins with Ball Spring
- Spread: 3" to 5", Reach: 1" to 2-1/4"
- Housed in a blow-molded plastic storage case.

- No. 4534** Multipurpose Bearing and Pulley Puller Set.



Pumps and Rams

- No. 9104B** 4-Ton Ram with 4" stroke.
- No. 9110B** 10-Ton Ram with 6" stroke.
- No. 9106B** Single Speed Hydraulic Pump.
- No. 9107B** Single Speed Hydraulic Pump.



Bearing Race and Seal Driver Set (10 piece)

- Permits installation of tapered bearing races and seals without damage to the component or housing. Includes a driver handle plus popular bearing and seal drivers ranging from 1.565" to 3.180".
- Tapered side of driver is used to install races. Invert the driver to the flat side to install seals. Set is housed in a blow-molded plastic storage case.
- Includes driver handle with bolt, plus these tool sizes: 1.565", 1.750", 1.965", 2.325", 2.470", 2.555", 2.830", 2.995", and 3.180".

- No. 4507** Bearing Race and Seal Driver Set (10 piece).



Bushing Driver Set (19 piece)

- Enables you to remove and install bushings ranging from 3/8" to 1-3/8" in diameter, as used in cars, trucks, tractors, construction equipment, electric motors, and many other components having bushings.
- Includes: Large, medium, and small driver handles with nuts; sixteen bushing adapters ranging from 3/8" to 1-3/8".
- Housed in a blow-molded storage case.

- No. 4505** Bushing Driver Set (19 piece).



Metric Bushing Driver Set (14 piece)

- 14-piece tool kit contains adapters: 10-12 mm, 14-16 mm, 15-17 mm, 16-18 mm, 18-20 mm, 20-22 mm, 22-24 mm, 25-27 mm, 28-30 mm, 30-34 mm, 32-36 mm, 35-40 mm, 38-42 mm; one small driver handle; one medium driver handle; one large driver handle.
- Aluminum construction won't mar the bushing or affect bushing tolerance, which is critical for efficient operation of the engine, transmission, and hubs.

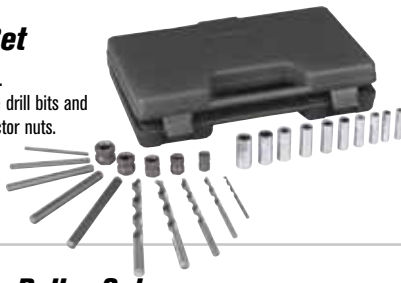
- No. 4407** Metric bushing driver set (14 piece).



Screw Extractor Set

- Removes broken studs and bolts.
- Includes ten guide bushings, five drill bits and five screw extractors with extractor nuts.
- Drill bits are left handed to help removal.

No. 4651 Screw Extractor Set.



Blind Hole Bearing Puller Set

- For pulling jobs requiring an internal pull.
- Set includes four collets. Select the appropriate sized collet by comparing it with the application. Insert the collet, expand it to fit the hole, then attach the slide hammer.
- Four collet sizes: 3/8" to 1/2", 9/16" to 11/16", 5/8" to 1", and 1" to 1-1/4".
- Set includes a 2-1/2 lb. slide hammer with T-handle.
- Housed in a blow-molded plastic storage case.

No. 4581 Blind Hole Bearing Puller Set.



Heavy-Duty Snap Ring Pliers Set (2 piece)

- Heat-treated steel "circlip" pliers for large equipment repair. Replaceable tips and spring ratchet locking mechanism to securely hold against snap ring tension.
- Internal plier's capacity 3-1/16" to 6-1/4" (78mm to 159mm) snap rings.
- External plier's capacity 3-1/2" to 6-1/2" (89mm to 165mm) snap rings.
- Blow-molded storage case includes extra sets of replaceable 0.12" (3mm) dia. tips: straight, 45°, and 90°.

No. 4513 Heavy-Duty Snap Ring Pliers Set.



Snap Ring Pliers Set - Internal/External

- For internal or external snap rings; thumbscrew permits quick conversion. Made of heavy-gauge tempered steel. Also includes two stainless steel handled picks.
- Contained in a blow-molded plastic storage case.
- Contents of Set: No. 4512-1 .090" tip - straight pliers No. 4512-2 .090" tip - 90° pliers No. 4512-3 .070" tip - straight pliers No. 4512-4 .070" tip - 90° pliers No. 4512-5 .047" tip - straight pliers No. 4512-6 .047" tip - 90° pliers No. 4512-7 .038" tip - straight pliers No. 4512-8 .038" tip - 90° pliers No. 4512-9 Straight tip pick No. 4512-10 90° tip pick

No. 4512 Snap Ring Pliers Set.

7-in-1 Wire Stripper and Crimper

- Strips insulation off electrical wires ranging from 10 AWG-22 AWG (0.6mm-2.6mm) in diameter. Pliers on tip of jaw for looping or grabbing wire in tight places.
- Heat-treated steel jaws cut solid or multi-strand wire.
- Screw cutter shears screws clean, with no thread clean-up required. Works on machine screw sizes 4-40, 5-40, 6-32, 8-32, 10-24, and 10-32.
- Crimps insulated and non-insulated wire terminals, 7mm-8mm spark plug wire connectors.

No. 4498 7-in-1 Wire Stripper and Crimper.



Ratcheting Terminal Crimper

- Heavy-gauge steel crimping tool designed for insulated wire terminals.
- Ratcheting action crimps terminal to correct tightness on wire, making rimping fast and easy.
- For wire sizes: AWG 22-18 (0.6 mm-1.0 mm) red terminal; AWG 16-14 (1.3 mm -1.6 mm) blue terminal; AWG 12-10 (2.0 mm-2.6 mm) yellow terminal.
- Insulated handles with compound mechanical leverage for power.

No. 4497 Ratcheting Terminal Crimper.



Angle-Tip Relay Pliers

- Designed to remove and install relays, which are usually located in confined, hard-to-reach areas.
- Specially coated tips offer a solid grip on the relay.

No. 4493 Angle-Tip Relay Pliers.



Interchangeable Punch and Chisel Set

- Safety protective handle allows easy grip and protects hand from being hit by hammer.
- 12 punches and chisels: 1 cape chisel: 1/4" wide blade 5 flat chisels: 1/2", 5/8", 3/4", 7/8", and 1" wide blades 2 taper punches: 1/8" and 1/4" diameter 2 pin punches: 3/16" and 1/4" diameter 2 center punches: 1/8" and 3/16" diameter
- Double-locking ball detent holds punch or chisel securely in the driver handle.

No. 4605 Interchangeable Punch & Chisel Set.



Adjustable Oil Filter Pliers

- Forged jaws with sure-grip teeth grab the filter for easy removal.
- Slip-joint ratchet and lock mechanism allows a secure grip on filters.

No. 4560 Small Adjustable Oil Filter Pliers. Pliers is 13-1/2" long and fits filters ranging from 2-1/4" to 5" (57 mm to 127 mm) in diameter.

No. 4561 Large Adjustable Oil Filter Pliers. Pliers is 18" long and fits filters ranging from 3-3/4" to 7" (95 mm to 178 mm) in diameter.

No. 4562 Adjustable Oil Filter Pliers Set. Includes both the No. 4560 and No. 4561 listed above.



Heavy-Duty Oil Filter Wrenches

- Features a 1/2" wide steel band that can stand up to the high torque needed to remove filters from trucks, tractors, and other heavy equipment.
- Use with a 1/2" drive ratchet or breaker bar.

No. 4555 Heavy-Duty Oil Filter Wrench for filter dia. of 4-1/8" to 4-21/32" (104 mm to 118 mm).

No. 4556 Heavy-Duty Oil Filter Wrench for filter dia. of 4-21/32" to 5-5/32" (118 mm to 131 mm).

No. 4557 Heavy-Duty Oil Filter Wrench for filter dia. of 5-5/32" to 5-21/32" (131 mm to 144 mm).

Truck Brake Spring Pliers

- Designed to remove and install the brake shoe return springs on medium-duty and heavy-duty drum brakes.

No. 4592 Truck Brake Spring Pliers.



Universal Filter Wrench

This filter wrench will stand up to the job of removing nearly any spin-on filter (up to 6"). Universal design permits use on most vehicles. The tough 2" wide nylon strap holds firmly. In fact, the more leverage applied, the tighter it grips.

- Accommodates a 3/8" drive ratchet.

No. 7062A Universal filter wrench.



3-Leg Oil Filter Wrench

- Fits filter diameters ranging from 2-1/2" to 5-1/4" (65 mm to 135 mm).
- Knurled legs provide extra gripping power.
- To turn the tool, use a 1/2" drive ratchet in the ratchet drive or a 13/16" wrench on the nut.

No. 4568 3-Leg Oil Filter Wrench.



Special Service Tools

orc Stinger Series