



OT-103

MACPHERSON STRUT SPRING COMPRESSOR

A specialty tool for use on all vehicles equipped with Macpherson struts to rapidly compress the oil spring. To enable replacement of shock absorbers, spring sets, repair bent struts and damaged spindles. Drop forged jaws with safety pins to provide a safety performance. Size: 300mmL



OT-104

DROP FORGED COIL SPRING COMPRESSOR (5/8"-11 UNC CHAIN)

Drop forged carbon steel jaws & lead screws (250mm), both heat treated ensure you obtain professional job performance. The tool is designed for use in limited space under wheel arch. Jaws design is fitting to wrap coil claws for safety. Maximum jaw opening is 250mm.



OT-104A

DROP FORGED COIL SPRING COMPRESSOR (5/8"-11 UNC CHAIN)

Drop forged carbon steel jaws & lead screws (300mm), both heat treated ensure you obtain professional job performance. The tool is designed for use in limited space under wheel arch. Jaws design is fitting to wrap coil claws for safety. Maximum jaw opening is 300mm.



OT-104B

DROP FORGED COIL SPRING COMPRESSOR (5/8"-10 SQUARE TEETH)

Drop forged carbon steel jaws & lead screws (370mm), both heat treated ensure you obtain professional job performance. The tool is designed for use in limited space under wheel arch. Jaws design is fitting to wrap coil claws for safety. Maximum jaw opening is 370mm.



OT-104C

DROP FORGED COIL SPRING COMPRESSOR (5/8"-11 UNC CHAIN)

Drop forged carbon steel jaws & lead screws (270mm), both heat treated ensure you obtain professional job performance. The tool is designed for use in limited space under wheel arch. Jaws design is fitting to wrap coil claws for safety. Maximum jaw opening is 270mm.



**OT-104D
DROP FORGED COIL SPRING COMPRESSOR
(5/8"-10 SQUARE TEETH)**

Drop forged carbon steel jaws & lead screws (300mm), both heat treated ensure you obtain professional job performance.

The tool is designed for use in limited space under wheel arch.

Jaws design is fitting to wrap coil claws for safety.

Maximum jaw opening is 300mm.



**OT-104E
COIL SPRING COMPRESSOR SET
(5/8"-10 SQUARE TEETH)**

- 270mm & 370mm lead screws coil spring compressors plug one driving ratchet handle.
- Drop forged steel jaws & lead screws both heat treated ensure you obtain professional job performance.
- The tool is designed for use in limited space under wheel arch.
- Jaws design is fitting to wrap coil claws for safety.
- Use with 1/2" drive ratchet.



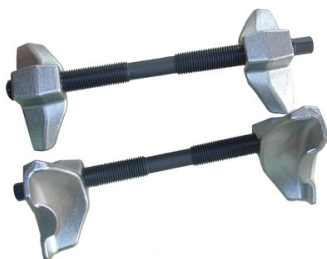
**OT-104F
DROP FORGED COIL SPRING COMPRESSOR
(5/8"-10 SQUARE TEETH)**

Drop forged carbon steel jaws & lead screws (270mm), both heat treated ensure you obtain professional job performance.

The tool is designed for use in limited space under wheel arch.

Jaws design is fitting to wrap coil claws for safety.

Maximum jaw opening is 270mm.



**OT-104G
SPRING COMPRESSOR**

The spindles are equipped with contra-rotating threads which eliminate the risk of slipping round the spring.

- 65 -200 mm



**OT-104H
SPRING COMPRESSOR**

The spindles are equipped with contra-rotating threads which eliminate the risk of slipping round the spring.

- 65 -370 mm



**OT-105
COIL SPRING COMPRESSOR
(CASTING)**

Tempered carbon steel lead screws (250mm) with economic ductile casting jaws wrap over coil claws for extra safety. Suitable for use in limited space under wheel arch. Use with 1/2 drive wrench. 250mm max. Jaw opening.



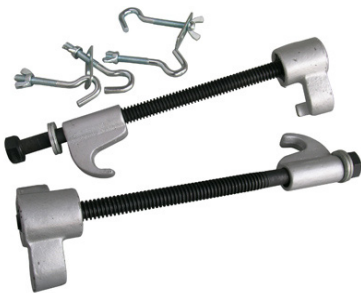
**OT-105A
COIL SPRING COMPRESSOR
(CASTING)**

Tempered carbon steel lead screws (300mm) with economic ductile casting jaws wrap over coil claws for extra safety. Suitable for use in limited space under wheel arch. Use with 1/2 drive wrench. 300mm max. Jaw opening.



**OT-105B
MIDDLE HEX COIL SPRING COMPRESSOR
(CASTING)**

Tempered middle hex lead screws (230mm) with economic ductile casting jaws wrap over coil claws for use in narrow 230mm max. jaw opening.



**OT-106
PROFESSIONAL STRUT COIL SPRING
COMPRESSOR (CASTING)
(5/8"-11 UNC CNAINE)**

Safely & easily compress coil springs not accessible from the center of the coil. Works with springs up to 6" outside diameter & wire diameter of a maximum of 5/8" UNC. Size: 300mmL



**OT-106A
PROFESSIONAL STRUT COIL SPRING
COMPRESSOR (CASTING)
(5/8"-10 SQUARE TEETH)**

Safely & easily compress coil springs not accessible from the center of the coil. Works with springs up to 6" outside diameter & wire diameter of a maximum of 5/8"-10 square teeth. Size: 300mmL



OT-107
COIL SPRING COMPRESSOR
(5/8\"-11 UNC CNAINE)

Tempered Chrome-molybdenum steel jaws with ACME threaded lead screw quickly & safely compress coil springs on all passenger cars & pick up trucks. Size: 300mmL



OT-107A
COIL SPRING COMPRESSOR
(5/8\"-10 SQUARE TEETH)

Tempered Chrome-molybdenum steel jaws with ACME threaded lead screw quickly & safely compress coil springs on all passenger cars & pick up trucks. Size: 300mmL



OT-108A
COIL SPRING COMPRESSOR (CASTING)

Compresses coil springs for strut service.
 Heavy-duty steel construction.
 Suitable for most import and domestic passenger vehicle spring sizes.
 Size 200mmL.



OT-108B
COIL SPRING COMPRESSOR (CASTING)

Compresses coil springs for strut service.
 Heavy-duty steel construction.
 Suitable for most import and domestic passenger vehicle spring sizes.
 Size 300mmL.



OT-108C
COIL SPRING COMPRESSOR (CASTING)

Compresses coil springs for strut service.
 Heavy-duty steel construction.
 Suitable for most import and domestic passenger vehicle spring sizes.
 Use with 1/2" drive ratchet.
 Size 250mmL.



OT-108D
COIL SPRING COMPRESSOR (CASTING)

Compresses coil springs for strut service.
 Heavy-duty steel construction.
 Suitable for most import and domestic passenger vehicle spring sizes.
 Use with 1/2" drive ratchet.
 Size 300mmL.



**OT-271
HEAVY DUTY COIL SPRING COMPRESSOR**

- Hook engage spring which can be compressed by turning hex nut.
- Jaws capacity: 23mm~280mm
- Length: 280mm



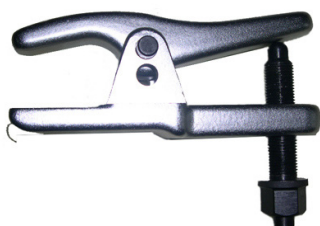
**OT-109A
BALL JOINT SEPARATOR**

Heat treated drop forged steel body & bolt for long rough usage.
Spread ball joints easily where space prevents use of direct action methc
Jaws open: 19mm.



**OT-109B
BALL JOINT SEPARATOR**

Special design 2-stage operation suits most cars and light trucks ball joints in steering & suspension.
Tempered drop forged steel body and offset lever provide an excellent performance and long usage.
Offset lever permits maximum jaw openings in 30mm (1-3/16) & 56mm (2-3/16).
Jaw open: 22mm.



**OT-109C
BALL JOINT SEPARATOR**

Special design 2-stage operation suits most cars and light trucks ball joints in steering & suspension.
Tempered drop forged steel body and offset lever provide an excellent performance and long usage.
Offset lever permits maximum jaw openings in 30mm (1-3/16) & 56mm (2-3/16).
Jaw open: 22mm.



**OT-109D
BALL JOINT EXTRACTOR**

- For splitting track-rod ends, anti-roll bar mountings, wheel-hub ball joints, etc.
- Jaws opening: 22mm
- Opening: 2-stage(50-80mm)
- For Opel/Rekord, Senator, Monza, VW Transporter



**OT-109E
BALL JOINT SEPARATOR**

- For separating HGV ball-joint. Strengthened fork and lever allows for greater force to be applied.
- Jaw opening capacity: 70mm ; Jaw width: 36mm



**OT-109F
HYDRAULIC HGV BALL JOINT SEPARATOR**

- For separating HGV ball-joint. Strengthened fork and lever allows for greater force to be applied.
- Jaw opening capacity: 70mm ; Jaw width: 36mm
- Patented Hydraulic ram provides max. 12 tons.



**OT-109G
HYDRAULIC HGV BALL JOINT SEPARATOR**

Special design 2-stage operation suits most cars and light trucks ball joints in steering & suspension.

Tempered drop forged steel body and offset lever provide an excellent performance and long usage.

Offset lever permits maximum jaw openings in 30mm (1-3/16) & 56mm (2-3/16).

- Jaw open: 22mm.
- Patented Hydraulic ram provides max. 1.5 tons.



**OT-109H
HYDRAULIC HGV BALL JOINT SEPARATOR**

Special design 2-stage operation suits most cars and light trucks ball joints in steering & suspension.

Tempered drop forged steel body and offset lever provide an excellent performance and long usage.

Offset lever permits maximum jaw openings in 30mm (1-3/16) & 56mm (2-3/16).

- Jaw open: 22mm.
- Patented Hydraulic ram provides max. 1.5 tons.



**OT-110
BALL JOINT SEPARATOR**

Heat treated drop forged steel body & bolt for long rough usage. Spread ball joints easily where space prevents use of direct action method.

Jaw open: 19mm, maximum opening 38mm.



OT-111

TIE ROD END LIFTER (CASTING)

Designed to speed up the removal of ball-joints on steering and suspension systems.

19mm jaw opening.

38mm maximum opening capacity.



OT-111A

TIE ROD END LIFTER (CASTING)

Designed to speed up the removal of ball-joints on steering and suspension systems.

19mm jaw opening.

38mm maximum opening capacity.



OT-112

PITMAN ARM PULLER

The Pitman arm puller is designed to handle the toughest Pitman arm pulling jobs on passenger cars and light trucks.

This puller features special forged aws shaped to fit the job,

ensuring a positive grip and leaving your hands free for the pulling job.

To use, simply remove the retaining nut, place the puller jaws

behind the Pitman arm, and tighten the forcing screw.

Mechanical power does the rest!



OT-113

PITMAN ARM PULLER

Redesigned heavy duty tool to be used to remove pitman arms from late model cars and light trucks.

Yoke is forged from high grade alloy steel.

Heat treated.

1 5/16" opening 2 1/2" pull.



OT-113A

PITMAN ARM PULLER (CASTING)

Redesigned heavy duty tool to be used to remove pitman arms from late model cars and light trucks.

Yoke is forged from high grade alloy steel.

Heat treated.

1 5/16" opening 2 1/2" pull.



**OT-114
PITMAN ARM PULLER**

For the safe easy removal of pitman arm assembly from compact automobiles.

Forged, heat-treated yoke with extra heavy center screw.

1- 1/16" opening and 1- 3/4" pull.



**OT-115
BALL JOINT SEPARATOR**

- Audi, BMW, Citroen, Ford, Mercedes, Opel, Peugeot, Renault, Rover, Saab, Volvo, VW, Japanese, Pkw, etc.

- Jaws open : 23mm, Jaws deep : 25mm



**OT-115A
BALL JOINT SEPARATOR**

- Audi, A4, A6, A8, VW, Passat ab '97, etc.

- Jaws open : 28mm, Jaws deep : 25mm



**OT-115B
BALL JOINT SEPARATOR**

- Application :

For AUDI , BMW, FORD, CHRYSLER, OPEL, SAAB, VOLVO, VW, NISSAN, TOYOTA.

Sizes : 34 (DIA.) x 63 (L) mm ,



**OT-115C
3PC BALL JOINT PULLER SET
(SCREW TYPE)**

- Application :

For AUDI , BMW, FORD, CHRYSLER, OPEL, SAAB, VOLVO, VW, NISSAN, TOYOTA.

Sizes : 23 (DIA.) x 55 (L) mm

28 (DIA.) x 55 (L) mm

34 (DIA.) x 63 (L) mm



OT-116

UNIVERSAL BALL JOINT EXTRACTOR (22m/m)

• For splitting track-rod ends, anti-roll bar mountings, ball joints, etc.

A : 22mm Max.B : 62mm



OT-117

PULLEY PULLER

Removes pressed on 1 or 2 groove pulleys from alternators or power steering pumps.

Also easily removes alternator bearings.

Adjusted by simple thumbscrew movement.



OT-118

TIE ROD END TOOL

Redesigned to use on imports and any front wheel drive vehicles, including SUV with rack and pinion steering.

Live center tip on forcing screw swivels to align tool to tie rod stud to ease in removal and prevent damage to stud.



OT-119

UNIVERSAL TIE ROD END TOOL

Heat treated drop forged steel body & thrust bolt.

Fits most cars, simply insert tool between spindle arm and tie rod, turn thrust bolt with 3/4"(19mm) socket or spanner to spread tie rod easily.

Fork 18mm(11/16").



OT-119A

UNIVERSAL TIE ROD END TOOL (CASTING)

Heat treated drop forged steel body & thrust bolt.

Fits most cars, simply insert tool between spindle arm and tie rod, turn thrust bolt with 16mm socket or spanner to spread tie rod easily.



OT-119B

UNIVERSAL TIE ROD END TOOL

Heat treated drop forged steel body & thrust bolt.

Fits most cars, simply insert tool between spindle arm and tie rod, turn thrust bolt with 3/4"(19mm) socket or spanner to spread tie rod easily.

Fork 18mm(11/16").



OT-122

BALL JOINT SEPARATOR 23MM

For splitting track-rid ends and ball joints



OT-129

OUTER TIE ROD REMOVER

Works on imports and domestics; front or rear wheel drives; and castor stamped steel steering knuckles.

You can apply up to 5 tons of force to this puller to break the tie rod free from the steering knuckle without damaging either.

The special design of this puller also helps prevent the jaws from sloping on the steering knuckle when force is applied.



OT-132

BRAKE SPRING PLIERS

Tool easily removes and installs shoe return springs on most drum brakes.

Socket and removes spring from anchor stud and notched end installs spring on anchor.

Tool is chrome plated to resist rust and provide easy clear-up.



OT-132A

2 in 1 BRAKE SPRING WASHER TOOL

Easily removes and installs brake spring washers.

Cutaway portion on tool allows better visual alignment of pin & washer.

For use on small & standard brake spring washers.



OT-133

BALL JOINT SEPARATOR

Tempered drop forged steel one piece construction for long & rough usage.

21/32"(18mm)Fork, 16"(410mm)length replaces worn out tie rods easily with a hammer striking.

Also can separate shock absorber links.



OT-133A

BALL JOINT SEPARATOR

Tempered drop forged steel one piece construction for long & rough usage.

15/16"(24mm)Fork, 11-7/8"(300mm)length replaces worn out ball joints easily with a hammer striking.

Also can remove CV drive shafts on FWD vehicles.



OT-133B

BALL JOINT SEPARATOR

Tempered drop forged steel one piece construction for long & rough usage.

1-1/16"(28mm)Fork, 11-7/8"(300mm)length replaces worn out ball joints easily with a hammer striking.

Also can remove CV drive shafts on FWD vehicles.



OT-133D

BALL JOINT SEPARATOR

Heavy-duty rod end remover using impact force from the blow of a hammer. Allows for quick precision lifting of the stubborn rod in the steering rod. The rod end remover has a widened end for hammering into, an appropriately dilated jaw angle and the right wedge profile to ensure safe and efficient work.



OT-133F

BALL JOINT SEPARATOR (CASTING)

Heavy-duty rod end remover using impact force from the blow of a hammer. Allows for quick precision lifting of the stubborn rod in the steering rod. The rod end remover has a widened end for hammering into, an appropriately dilated jaw angle and the right wedge profile to ensure safe and efficient work.



OT-133E

5PCS TIE-ROD/BALL-JOINT SPLITTER SET

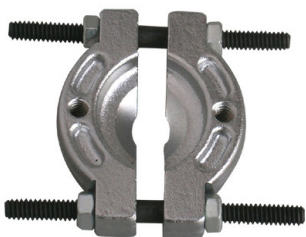
Forks made of drop forged heavy duty chrome vanadium steel.

3 drop forged forks: 11/16, 15/16" & 1-1/8".

1 Handle for use with hammer.

1 Handle designed for use with pneumatic air hammer.

Both handles are interchangeable.



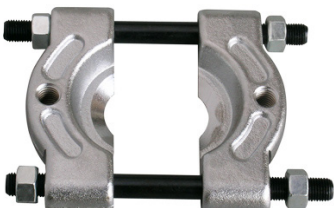
OT-136A

BEARING SEPARATOR

Capacity 3/8"- 1 1/4". (10mm x 30mm)

Bolt(6.3mm x L 83mm x 1/4" x 20UNC)

Body thread 1/4" x 20UNC



OT-136

BEARING SEPARATOR

Capacity 1 1/4"- 2 1/4". (30mm x 50mm)

Bolt(9.5mm x L 125mm x 3/8" x 24UNF)

Body thread 3/8" x 16UNC



OT-137

BEARING SEPARATOR

Capacity 2 1/4"- 3 1/2". (50mm x 75mm)

Bolt(12.7mm x L 135mm x 1/2" x 20UNF)

Body thread 3/8" x 16UNC



OT-138

BEARING SEPARATOR

Capacity 3" - 4 1/2". (75mm x 105mm)

Bolt(16mm x L 165mm x 5/8" x 18UNF)

Body thread 1/2" x 13UNC



OT-139

BEARING SEPARATOR

Capacity 4" - 6". (100mm x 150mm)

Bolt(19mm x L 260mm x 3/4" x 16UNF)

Body thread 5/8" x 11UNC



OT-140

BEARING SEPARATOR

Capacity 6" - 8". (150mm x 200mm)

Bolt(1" x L 350mm x 1" x 12UNF)

Body thread 3/4" x 10UNC



OT-157A

MULTI-PURPOSE INNER TIE ROD TOOL

- The master tie rod tools easily replaces inner tie rod ends without removing the rack & pinion.

- Capacity: 33-42mm



OT-161

UNIVERSAL BALL JOINT PULLER

For removing the ball pivots on steering arms, steering tie rocks, steering knuckles, etc.

Jaw open: 17mm.



OT-162

UNIVERSAL BALL JOINT PULLER

For removing the ball pivots on steering arms, steering tie rocks, steering knuckles, etc.

Jaw open: 20mm.



OT-169

CV JOINT ASSEMBLY REMOVAL TOOL

- Fits CV Joint on virtually all passenger cars.



OT-179

3 PCS PENTAGON SOCKET & BIT SET FOR BENDIX AND LUCAS

Specialist socket set for Bendix and Lucas brakes

Specifications: • 1/2" drive

• CR-V • Blow moulded case

Contents: • 19mm pentagon socket

• 14mm pentagon socket • 10mm pentagon bit



**OT-179-10
PENTAGON SOCKET DRIVER FOR
BRAKE CALIPERS**

- 1/2" drive
- CR-V
- 10mm pentagon bit



**OT-179-14
PENTAGON SOCKET FOR BRAKE CALIPERS**

- 1/2" drive
- CR-V
- 14mm pentagon bit



**OT-179-19
PENTAGON SOCKET FOR BRAKE CALIPERS**

- 1/2" drive
- CR-V
- 19mm pentagon bit



**OT-179A
PRY SOCKET BIT**

- 1/2" DR. x 50mm (L)
- 5.0mm breadth
- Ply width 7.0mm



**OT-179B
PRY SOCKET BIT**

- 1/2" DR. x 60mm (L)
- 5.0mm breadth
- Ply width 7.0mm



**OT-201
FRONT END SERVICE SET**

This versatile set allows for easy removal of the most popular types of pitman arms, tie rods and ball joints.

Press type ball joint separator allows for ball joint removal without damage to boots and other parts that fork type removers may cause.



UNDERCAR TOOLS

www.cyhautotools.com



OT-201A FRONT END SERVICE SET

This versatile set allows for easy removal of the most popular types of pitman arms, tie rods and ball joints. Press type ball joint separator allows for ball joint removal without damage to boots and other parts that fork type removers may cause.



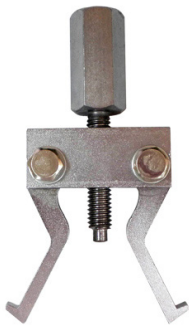
OT-202 SLIDE HAMMER PULLER SET

Slide Hammer with multiple attachments including 2/3 Jaw Internal and External Pullers, Rear Axle Puller, Locking Plier Adaptor, Puller Hook and Dent Puller. Replacement Part Availability.



OT-202A SLIDE HAMMER PULLER SET

Slide Hammer with multiple attachments including 2/3 Jaw Internal and External Pullers, Rear Axle Puller, Locking Plier Adaptor, Puller Hook and Dent Puller. Replacement Part Availability.



OT-202AA PILOT BEARING PULLER ATTACHMENT

Designed to be used with Slide Hammer OT-202 or any manufacturers hat is threaded 5/8"-18. Insert behind bearing and hammer bearing out using slide hammer.



OT-202B HUB SLIDE HAMMER PULLER

Pulls flange-type rear axles on most late model passenger cars & light trucks. Designed to fit axles with bolts & studs up to 9/16" dia.



OT-202C HUB SLIDE HAMMER PULLER

Pulls 4 bolts of the front hub easily with the 10 lb slide hammer. Heavy duty tool for rugged jobs.



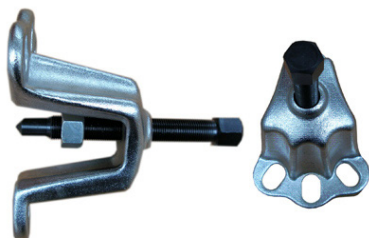
**OT-202BB
HUB SLIDE HAMMER PULLER (OUTSIZE HAMMER)**

- Extra large internal hole for European car.
- Coverage with five oval-shaped holes to meet different size of hubs.
- Increasing the power of pulling with both hands held outsize slide hammer.
- Hammer weight:6.3kgs



**OT-202CC
HUB SLIDE HAMMER PULLER (OUTSIZE HAMMER)**

- Special designed to pull out the 4 bolts front hub easily with outsize hammer.
- Increasing the power of pulling with both hands held outsize slide hammer.
- Hammer weight : 6.3 kgs



**OT-202D
FRONT WHEEL DRIVE HUB PULLER**

This tool fits most domestic and import ehicles with independent front wheel suspension. Makes for easy brake and bearing maintenance. The yoke and bolt are threaded 5/8" x 18.

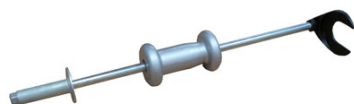


**OT-202E
FRONT WHEEL HUB PULLER KIT**



**OT-202G
SLIDE HAMMER PULLER SET**

Slide Hammer with multiple attachments including 2/3 Jaw Internal and External Pullers, Rear Axle Puller, Locking Plier Adaptor, Puller Hook and Dent Puller.
Replacement Part Availability.



**OT-202H
INNER CV JOINT PULLER**

Fork type tool pulls CV joints with hidden retaining rings & joints on 1986-current Taurus / Sable.
With this tool the axle assembly is popped out of trans axle without damage to transmission case or inside roller bearing.
Open rate: 48mm.



UNDERCAR TOOLS

www.cyhautotools.com



OT-202I

5LB. BASIC SLIDE HAMMER UNITS

24" Long with 5lb. Hammer & 5/8"-18 threaded end.

Hardened shaft with chrome plated.

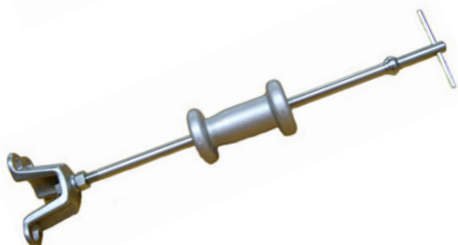


OT-202II

10LB. BASIC SLIDE HAMMER UNITS

657mm Long with 10 lb. Hammer & 5/8"-18 threaded end.

Hardened shaft with chrome plated.



OT-202J

FRONT WHEEL HUB PULLER KIT

· This tool can be used as a regular wheel puller or hub puller as well as a flange type puller.

· Removes front wheel hubs on cars with independent front suspension found on the late model cars & light trucks.



OT-202K

8 WAY SLIDE HAMMER & PULLER SET

This most useful tool set can pull flange-type rear axles, remove stubborn oil seals & bearings or preess-fit parts.

Use as a dent puller or lip puller, reversible jaws can be set up for 2/3 jaw in-external usage, 1/2"-20 thread adaptor expands the slide hammer for extra pulling functions.



OT-202L

FRONT WHEEL DRIVE SERVICE SET

A handy collection of just what you need to service CV joints and axles. Includes CV joint puller set, plus the front hub installer, front hub puller, and rear axle pulling plate. The fits into the front hub of Escort/Lynx, Tempo/Topaz, and Taurus/Sable cars.

Attaches to the slide hammer assembly to service axles with bolts and studs up to 9/16" diameter, and will fit 4- or 5-bolt stud circles from 4-1/4" to 5-9/16"



OT-202M

F.F. TYPE FRONT HUB PULLER WITH IMPACT HAMMER

Including: 175mm(L) Palm style Bottom (Drop Forged) ·

570mm(L) Carbon steel Shank & 10 LBS Impact Hammer

Packing: 1 set / CTN / 0.7' G.W.: 7.5 KGS.



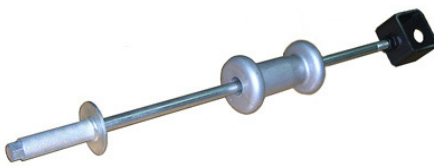
OT-202N
FRONT WHEEL DRIVE AXLE PULLEY ATTACHMENT

This versatile attachment is designed to be used with OEM Slide Hammer or any manufacturers' slide hammer that is similar threaded 5/8" x 18. Designed to pull the inner Cv joint, with hidden retaining rings, from front wheel drive vehicles without damage the joint.



OT-202P
FRONT WHEEL DRIVE AXLE PULLER

Simply secure shaft through opening in the adapter to remove the half shaft from CV joints on most forward vehicles.



OT-202Q
FRONT WHEEL DRIVE AXLE PULLER

Simply secure shaft through opening in the adapter to remove the half shaft from CV joints on most forward vehicles.



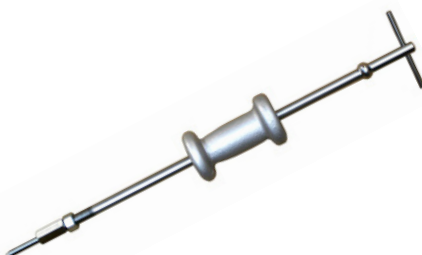
OT-202R
FRONT WHEEL DRIVE AXLE PULLER

Simply secure shaft through opening in the adapter to remove the half shaft from CV joints on most forward vehicles.



OT-202T
SLIDE HAMMER PULLER SET

- For pulling wheel nut bearings
- Thread size of inner thread on sliding hammer is BSW 12G
- Thread size of inner thread of pulling foot is BSW 3/4"
- Total length with assembled pulling foot is approx. 51 cm
- Thread adaptor BSW 12 G x BSW 3/4" included

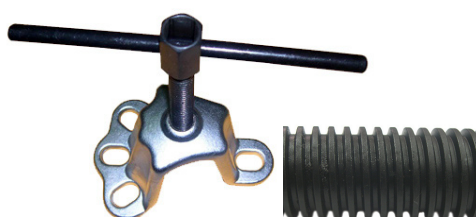


OT-202U
5LB. BASIC SLIDE HAMMER UNITS



OT-202V FRONT HUB PULLER & INSTALLER SET

- For use on most front wheel drive vehicles.
- Includes hub installer for some Ford applications.
- Bilingual Instructions.
- Replacement Part Availability.



OT-202W FRONT HUB PULLER

- Pulls 4 bolts or 5 bolts front hub with center forcing screw .
- Professional quality makes job to be easy.



OT-202X FRONT HUB PULLER

- 5/8-18 UNF
- Professional quality makes job to be easy.



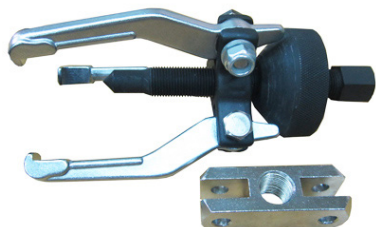
OT-202Y REAR AXLE PULLER SET

- Slide hammer power pulls many flange-type rear axles as well as axle bearing.
- Includes:
 - 1pc- Slide Screw: 5/8"-18T x 22-1/2"(16mm-18T x 57cm)
 - 1pc- Axle Yoke
 - 3pc- Bearing Adapter
 - 1pc- Slide Hammer 3-3/4 lb.(1.78kg)
 - 1pc- Lock Nut 5/8"(16mm)
 - 1pc- Bearing Hook



OT-202Z BEARING PULLER

External 3 leg puller 15mm – 80mm



OT-202ZZ

BEARING PULLER

External 3 leg puller 15mm – 80mm



OT-291

HYDRAULIC RAM SET

- Diameter of disc:148mm
- Types of cars that are used:Renaulf/ Peugeot/ Citroe/ vw/ Audi/ Seat/ Skoda/ Opel/ Volvo/ Fiat etc.
- Hydraulic power:12 tons



OT-291A

HUB SLIDE HAMMER PULLER

- Extra large internal hole for European car.
- Coverage with five oval- shaped holes to meet different size of hubs.
- Hammer weight : 4.3kgs



OT-291B

HUB PULLER

Diameter of disc:148mm



OT-291C

HUB PULLER

Diameter of disc:148mm

Professional quality makes job to be easy.



OT-203

BLIND HOLE BEARING PULLER

One slide hammer assemble & 4 clamp.

Attavhents for 3/8" to 1/2" (10-14mm), 9/16" to 11/16" (15-19mm), 5/8" to 1" (18-25mm) & 1" to 1-1/4" (25-32mm) I.D. bearings' pulling. Open clamps by turning handle clockwise to snug against the bearing for pulling out evenly without damage the parts.



OT-203A

BLIND HOLE BEARING PULLER

One slide hammer assemble & 4 clamp.

Attavhents for 3/8" to 1/2" (10-14mm), 9/16" to 11/16" (15-19mm), 5/8" to 1" (18-25mm) & 1" to 1-1/4" (25-32mm) I.D. bearings' pulling. Open clamps by turning handle clockwise to snug against the bearing for pulling out evenly without damage the parts.



OT-251

3-JAW INTERNAL & EXTERNAL PULLER SET

Small of internal puller 15mm-30mm

Large of internal puller 30mm-80mm

External puller 15mm-80mm

Locking the nut to open 3-jaws and clip the bearing.

And then use the slide hammer to pull out the bearing.



OT-254

LOCKING JAW PULLER SET

- 3 Adjustable reversible Jaws 123mm (4-7/8")
- 3 Adjustable reversible Jaws 47mm (1-7/8")
- 3 Adjustable reversible Jaws 32mm (1-1/4")
- Forcing screw
- 2 way yoke
- 3 way yoke
- 3 Screws + nut
- Reversible adjusting Nut



OT-207-62

2 PCS HUB PULLER SET 62mm

For installing and removing the wheel hub / wheel bearings of built-in parts

Supplementary Set (62 mm diameter)

Application:

Vehicles with a diameter 62 mm wheel bearing:

- VW Lupo, AUDI A2 1,2 l



OT-207-66

2 PCS HUB PULLER SET 66mm

For installing and removing the wheel hub / wheel bearings of built-in parts

Supplementary Set (66 mm diameter)

Application:

Vehicles with a diameter 66 mm wheel bearing:

- VW Polo, SKODA Fabia



OT-207-72

2 PCS HUB PULLER SET 72mm

For installing and removing the wheel hub / wheel bearings of built-in parts

Supplementary Set (72 mm diameter)

Application:

Vehicles with a diameter 72 mm wheel bearing:

- AUDI A2 since 2000, SKODA Fabia since 2000, VW Polo since 2002, Fox since 2005, SEAT Ibiza since 2002



OT-207-78

2 PCS COMPLTE HUB PULLER SET 78mm

For vehicles with 78mm bearings

Applications:

- Ford Focus II, C-Max
- Mazda 3
- Volvo C30, C70, S40, V50 (Front)



OT-207-85

2 PCS COMPLTE HUB PULLER SET 85mm

For installing and removing the wheel hub / wheel bearings of built-in parts

Special Set (85 mm diameter)

Application:

Vehicles with a diameter 85 mm wheel bearing:

VW T5 (front and rear axle) and Touareg with 16 inch chassis



OT-205

FLANGE-TYPE PULLER COMBINATION

Two specialty pullers in one box.

You get a flange-type puller for removal of harmonic balancers, timing gears, and other parts with two or three tapped holes.

You also get a steering wheel, pulley, and flywheel puller.



OT-205S STEERING WHEEL, PULLEY, AND FLYWHEEL PULLER

Here's a puller that works in a variety of applications. It pulls steering wheels on most late model cars. It also works as a regular 2/3-way puller to remove pulleys and small engine flywheels. Cap screws included (pairs): 3/8-16 x 3-1/2 in.; 5/16-18 x 3-1/2 in.; 5/16-24 x 3-1/2 in.; M8-1.25 x 90 mm; and 5/16-18 x 4 in. (SIR).



OT-223 HARMONIC BALANCER / STEERING WHEEL PULLER SET

Removes : balancers, steering wheels, pulleys and / or gears with tapped holes.

Floating swivel helps prevent damage to shaft end 4 slots in yoke, use for 2 or 3 hole applications

With 3/8-24, 5/16-18 and 3/8-16 size 3 metric bolts (size M8-1.25 x 80mm)



OT-224 HARMONIC BALANCER PULLER SET

Easily removes harmonic balancer.

Drop forged alloy steel.

Assorted bolts.

Helps stop damage to pulley and shaft.



OT-224A 15 PC HARMONIC BALANCER PULLER SET

11pc Cap screws 3/8" - 24 x 2" (3), 5/16" - 18 x 2"(3)

M8 x 1.25mm x 80mm(3), 3/8" - 16 x 4"(3)

1pc 5/8" Main center bolt.

1pc 4 Slot yoke.

1pc- Pointed shaft protector.

This device removes vibration dampers, balancers, pulleys and gears with tapped holes.

Force is evenly distributed upon application.

Puller can be used to pull out most objects since it works on either two or three tapped holes.

Use with a wrench for more winding power.

Applies to most foreign and import vehicles.



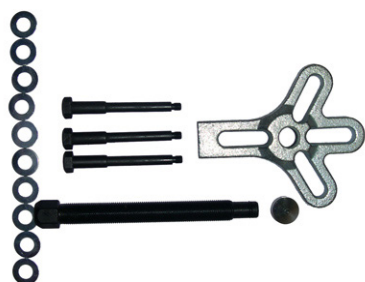
UNDERCAR TOOLS

www.cyhautotools.com



OT-224B HARMONIC BALANCER PULLER SET

Easily removes harmonic balancer.
Drop forged alloy steel.
Assorted bolts.
Helps stop damage to pulley and shaft.



OT-224C 6PC GM HARMONIC BALANCER REMOVE



OT-225 STEERING WHEEL PULLER SET

For use on vehicles with 4" hubs.
Complete with SAE and Metric threaded bolts.



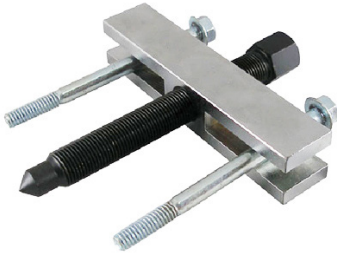
OT-225A STEERING WHEEL PULLER SET

Pulls steering wheel on most domestic and import vehicles.
3/8"-16x3-1/2"(2) 5/16"-18x3-1/2"(2) 5/16"-24x3-1/2"(2)
Heavy-duty durable construction



OT-225B STEERING WHEEL PULLER SET

SAE & Metric threaded bolts for vehicles with 4" hubs.
Includes puller legs for late model applications.



**OT-226
TIMING GEAR PULLER**

Removes timing gears and other gears with tapped holes.
Drop forged yoke is plated to resist corrosion.
Heat treated center screw.
Includes two 5/16" x 4 bolts.



**OT-226A
TIMING GEAR PULLER**

Removes timing gears and other gears with tapped holes.
Drop forged yoke is plated to resist corrosion.
Heat treated center screw.
Includes two 5/16" x 4 bolts.



**OT-230
STEERING WHEEL REMOVER / LOCK PLATE
COMPRESSOR SET**

Removing steering wheels of most vehicles, with or without telescoping tilt steering columns is easy with this new set.
The steering wheel lock plate compressor is also included, to compress the steering wheel lock plate to remove or install the snap ring.



**OT-230A
STEERING WHEEL REMOVER / LOCK PLATE
COMPRESSOR SET**

For steering wheel removal of most automotive & light truck applications.
Includes steering wheel puller & related bolts.
Includes non-threaded puller legs for late model vehicles with non-threaded hubs.
Includes pivot pin removing tool for serving tilts



OT-230B
STEERING WHEEL REMOVER / LOCK PLATE COMPRESSOR SET

For steering wheel removal of most automotive & light truck applications.
 Includes steering wheel puller & related bolts.
 Includes non-threaded puller legs for late model vehicles with non-threaded hubs.
 Includes steering wheel lock plate depressing tool.
 Includes pivot pin removing tool for servicing tilt steering wheels.
 Bilingual instructions.
 Replacement Part Availability



OT-230C
STEERING PIVOT PIN REMOVER

Applications: 1969 and newer GM, Chrysler & Ford cars & trucks with tilt or telescoping Saginaw type steering columns



OT-230D
STEERING WHEEL REMOVER / LOCK PLATE COMPRESSOR SET

For steering wheel removal of most automotive & light truck applications.
 Includes steering wheel puller & related bolts.
 Includes non-threaded puller legs for late model vehicles with non-threaded hubs.
 Includes pivot pin removing tool for serving tilts



OT-230H
STEERING WHEEL PULLER SET

This puller removes steering wheels on most domestic and imported vehicles, with or without telescoping steering columns. Five sets of cap screws are included for various thread requirements. The forcing screw features a swivel end to protect steering shaft. Cap screws included (pairs): 3/8-16 x 3-1/2; 5/16-18 x 3-1/2; 5/16-24 x 3-1/2; M8-1.25 x 90mm; and 5/16-18 x 4(SIR).



OT-227A
MINI BEARING SEPARATOR ASSEMBLY

Bearing separator OT-136A inside.
 Pullout the bearing with the H-type beam and bolts.



OT-227
TWO SETS BEARING SEPARATOR KIT

Bearing separator OT-136 & OT-137 inside.
Pullout the bearing with the H-type beam and bolts.



OT-227B
TWO SETS BEARING SEPARATOR KIT

Pullout the bearing with the H-type beam and bolts.
Bearing separator OT-136 & OT-137 inside.
OT-136: Capacity 1 1/4"- 2 1/4". (30mm x 50mm)
OT-137: Capacity 2" 1/4"- 3 1/2". (50mm x 75mm)
Packing: 5 set / 25.6 /26.6kgs / 1' /CTN



OT-228
BEARING SEPARATOR KIT

Bearing separator OT-138 inside.
Pullout the bearing with the H-type beam and bolts.



OT-229
HYDRAULIC BEARING SEPARATOR PULLER KIT

Bearing separator OT-139 inside.
Effore-saving with the hydraulic screw.
Pullout the bearing with the H-type beam and bolts.



OT-236
BALL JOINT ANCHOR PIN PRESS SET

Special designed for the removal and installation of press fit parts, such as ball joints, universal joints and truck break anchor pins, without having to resort to makeshift methods.
It contains heavy-duty C frame press, receiver tubes, and installation and removing adapters.



OT-236A
BALL JOINT & U-JOINT SERVICE SET
With 4x4 ADAPTORS

Special designed for the removal and installation of press fit parts, such as ball joints, universal joints and truck break anchor pins, without having to resort to makeshift methods.

It contains heavy-duty C frame press, receiver tubes, and installation and removing adapters.



OT-236B
BALL JOINT ANCHOR PIN

Heavy-duty C frame press



OT-236C
4WD BALL JOINT ADAPTER SET

4WD Ball Joint Adapter Set. Use for ball joint removal and installation. When used in conjunction with the #OT-236 ball joint press this tool will remove and install the ball joints without the need to remove the control arm from the vehicle. Always wear eye protection when using this tool



OT-236D
2WD BALL JOINT ADAPTER SET

2WD Ball Joint Adapter Set. Use for ball joint removal and installation. Used in conjunction with the # OT-236 ball joint press to remove and install the upper and lower ball joints on Ford 2WD vans. Always wear eye protection when using this tool.



OT-237
BRAKE CALIPER SERVICE SET (11)

Winds back brake piston for replacing brake pads.

Fits most cars.



**OT-237A
BRAKE CALIPER SERVICE SET (12)**

Winds back brake piston for replacing brake pads.
Fits most cars.



**OT-237B
BRAKE CALIPER SERVICE SET (13)**

Winds back brake piston for replacing brake pads.
Fits most cars.



**OT-237C
BRAKE CALIPER SERVICE SET (18)**

Winds back brake piston for replacing brake pads.
Fits most cars.



**OT-237D
BRAKE CALIPER SERVICE SET (21)**

Winds back brake piston for replacing brake pads.
Fits most cars.



OT-260

BEARING RACE & SEAL DRIVER SET

Quickly and easily installs wheel bearing races & seals without destruction to race or axle housing.

Set includes six discs to it common bearing sizes:

1.565", 1.75", 1.965", 2.325", 2.47" & 2.555"



OT-260A

BEARING RACE & SEAL DRIVER SET

Insert tapered wheel bearing race and seals without damage to the component or axle housing.

Nine disc tool sizes fit most standard wheel bearings.

Tapered sides of disc tools install races, and flat sides install seals

Contains: Driver handle with bolt.

Size : 1.565" , 1.750" , 1.965" , 2.325" , 2.470" ,
2.555" , 2.830" , 2.995" , 3.180



OT-260B

BEARING RACE & SEAL DRIVER SET

Quickly & easily inserts wheel bearing races & seals without damage to race & axle housing.

7 disc sizes for most standard wheel bearing.

The flat surface of the 7 disc can drive seals evenly.

Size: 39.75 , 44.45 , 49.91 , 59.05 , 62.73 , 64.8 , 52.1 mm



OT-262

BEARING RACE & SEAL DRIVER SET

Quickly & easily inserts wheel bearing races & seals without damage to race & axle housing.

• Contents:

13-Adaptor:

3/8" , 7/16" , 1/2" , 9/16" , 5/8" , 11/16" , 3/4" , 13/16" ,
7/8" , 15/16" , 1" , 1-1/16" , 1-1/8"

3-Driver Handle: 115mm & 140mm & 160mm(L)



**OT-262A
BEARING RACE & SEAL DRIVER SET**

Quickly & easily inserts wheel bearing races & seals without damage to race & axle housing.

• Contents:

13-Adaptor:

10mm , 12mm , 14mm , 15mm , 16mm , 18mm , 19mm ,
20mm , 22mm , 25mm , 26mm , 28mm , 30mm

3-Driver Handle: 115mm & 140mm & 160mm(L)



**AT-501
FWD FRONT WHEEL BEARING TOOL**

A great tool used to replace front wheel bearings without removing the steering knuckle & strut assembly.

As the spindle assemble isn't removed there is no need to align front end after the job is done.

Fit on most cars.

Could be worked with shop press also.



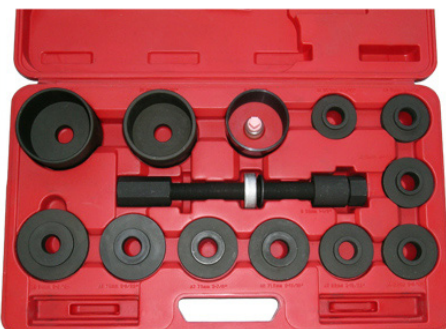
**AT-501B
FRONT WHEEL DRIVE BEARING KIT**

Up-to-date kit for the installation and removal of front hub bearings without the need to dismantle the steering knuckle and strut assembly. Fast and simple to use. Suitable for most front wheel drive cars. Heavy-duty steel drifts with black phosphate finish for corrosion resistance. May be used with impact wrench.

Supplied in carry case.

Drift Sizes: 55.5, 59, 62, 65, 66, 71.5, 73, 78, 84, 86, 91mm

Hub Screws (3pcs Each): M12x1.5, M14x1.5mm



**AT-501C
FRONT WHEEL DRIVE BEARING KIT**

Up-to-date kit for the installation and removal of front hub bearings without the need to dismantle the steering knuckle and strut assembly. Fast and simple to use. Suitable for most front wheel drive cars. Heavy-duty steel drifts with black phosphate finish for corrosion resistance. May be used with impact wrench.

Supplied in carry case.

Drift Sizes: 55.5, 59, 62, 65, 66, 71.5, 73, 78, 84, 86, 91mm



**AT-502
DISC BRAKE PISTON SEPARATOR**

- Material : Hardened carbon steel jaws , Black finished and nickel plated Bolts.
- 2 - Spread Jaws , size: 115mm x 50mm x 6mm
- 1 - 100mm (4") Sliding Bolt.
- 1 - "T" type Sliding Bolt with 21mm Hex Head insert 1/2"SQ.



**AT-502A
DISC BRAKE PISTON SEPARATOR**

- Fits in Brake caliper to push back pistons for new brake pads installation.



**AT-5002
DISC BRAKE SEPARATOR- WIDE TYPE**

- Material : Hardened carbon steel jaws , Black finished and nickel plated Bolts.
- * Open size: 14 - 86 mm
- * Blade size : W x D 88 x 57 mm



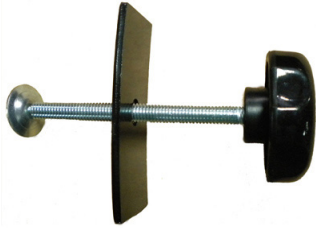
**AT-502E
SPEEDY BRAKE PISTON SPREADER**

- To quickly spread brake pads and compress disc brake pistons for pad replacement on single, double and quad piston calipers.
- Simultaneously compress all four pistons on quad piston applications.
- Can be used while the caliper is on the vehicle or hanging free .
- Makes brake pad replacement a quick and easy job.



**AT-5002E
SPEEDY BRAKE PAD SPREADER - WIDE TYPE**

- Simultaneously compress all four pistons on quad piston applications
Makes brake pad replacement a quick and easy job



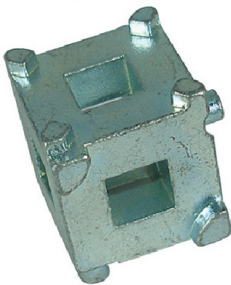
**OT-134
DISC BRAKE PAD SPREADER**

Easily installs pads on most cars.
Compresses disc brake piston for fast installation.



**AT-502D
SPEEDY BRAKE PISTON WIND-BACK TOOL**

- Compresses Brake Pistons In Seconds.
- Squeeze the handle and the fast acting plunger compresses disc brake pistons in seconds.
- Makes brake pad replacement an easy job.



**HS-916
DISC BRAKE PISTON TOOL**

For use on most popular import, Chrysler, Ford and GM vehicles with 4 wheel disc brakes.
Removes and installs disc brake pistons.
Re-aligns piston slots (where applicable) to back of brake pad.
Rotates piston back into caliper.
For use with 3/8" dr. ratch



**CYH-ASN005
5PCS UNIVERSAL STRUT NUT TOOL SET**

- | | |
|--------|---|
| ASN-01 | 10.5mm - VW Golf Rear Axle. |
| ASN-02 | 12.5mm - VW Polo Front Axle. |
| ASN-03 | 14.5mm - Polo, Golf, Passat, Audi 80. |
| ASN-04 | 14.5mm - Austin Maestro. |
| ASN-05 | 14.0mm - Mercedes Benz; W209 (C-class), W209 (CLK). |



**CPP-01
2" TO 2-1/4" E-Z PULL PIPE EXTRACTOR
W/4 ADAPTORS**

Desing especially for providing pull out the exhaust pipe easily.
Special desing two way for use with 17mm open wrench and 3/8"dr. ratchet wrench to adjust bolt to pull out the pipe.