

Brake Lathe Packages and Accessories

For Hunter BL500 and OCL360 Series Brake Lathes

Form 3947T, 05/02
Supersedes 3947T, 11/00



HUNTER
Engineering Company

OCL360 On-Car Lathe Packages



OCL360A shown with trolley and runout reference post. The reference post and supplied dial indicator kit can also be used as a general inspection tool. †

These packages service most passenger cars and some light trucks. The Standard Accessory Kit includes four flange plates and other standard accessories. (See pg. 16)

- **OCL360**
Includes On-Car Brake Lathe with Standard Accessory Kit.
- **OCL360S***
Includes On-Car Brake Lathe, Single-Point Compensation* and Standard Accessory Kit.
- **OCL360A**
Includes On-Car Brake Lathe, Automatic Compensation** and Standard Accessory Kit.

* All OCL360S Models include the OCL360, RP9-9032.0861 Single-Point Compensation Kit and 20-843-2 Dial Indicator Kit.

The LT-PRO Kits enable the servicing of most passenger cars and light trucks up to and including 1-ton ratings. The kit includes a complete line of light-duty truck and passenger car adaptors. (See pg. 17)

- **OCL360-LT-PRO**
Includes On-Car Brake Lathe, Standard Accessory Kit and the LT-PRO Accessory Kit.
- **OCL360S-LT-PRO***
Includes On-Car Brake Lathe, Single-Point Compensation, Standard Accessory Kit and the LT-PRO Accessory Kit.
- **OCL360A-LT-PRO**
Includes On-Car Brake Lathe, Automatic Compensation** and Standard Accessory Kit and the LT-PRO Accessory Kit.

† The Dial Indicator Kit is not necessary for use with the OCL360A packages.

OCL360 Compensation Options

Adjust for Lateral Runout Quickly and Easily

Three methods of lateral runout compensation are available. Choose the model that best fits your needs for saving time and increasing accuracy.

AUTOMATIC – Model OCL360A **Automatic Compensation****

With the push of a button, the adaptor and lathe are automatically compensated to within OEM specs. No dial indicators or tools required. Compensation time is typically less than one minute.

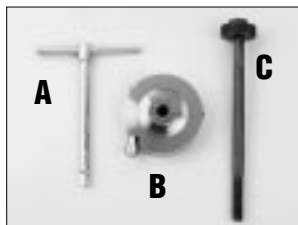
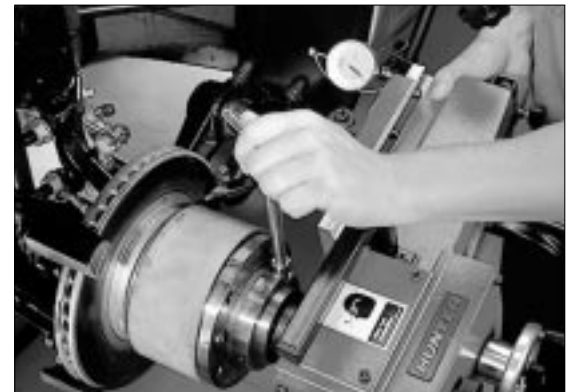
Computer automatic compensation feature can be purchased to upgrade existing models at a later date. The upgrade kit for manual 1-hp lathes is 20-1633-1.



SEMI-AUTOMATIC – Model OCL360S **Single-Point Compensation**

Compensation of the adaptor and lathe is achieved with a single-point adjustment. The compensation process is simplified and adjusting time is reduced if compensation is preferred with the lathe attached. Lathe includes manual rotor advance feature.

Single-point compensation is highly recommended when compensating deep offset and truck flanges.



RP9-9032.0861
Single-Point Compensation Kit includes:

- A. RP9-48017180** 10 mm T-Wrench
- B. RP9-85900200** Single-Point Compensation Adaptor
- C. RP9-85980198** Long Draw Bar

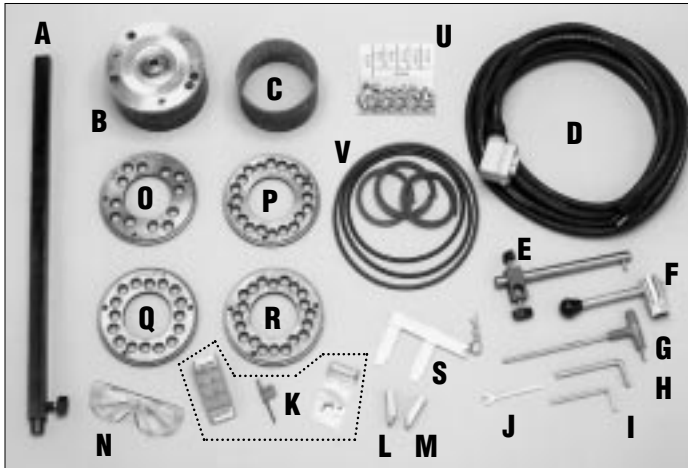
MANUAL – Model OCL360 **Three-Point Adaptor Compensation**

The basic method of three-point runout compensation is accomplished at the adaptor. The lathe is then attached and the rotor machined.



OCL360 Accessories

Standard Accessory Kit for OCL360 Packages



OCL360 Standard Accessory Kit includes the following:

- A. RP9-02010342** Shaft Extension
RP9-46010500 Knob
RP9-02010352 Rod
- B. RP9-9032.0785** Universal Adaptor
For Flange Plates
124-109-2 O-Ring, Secures Bolts
Inside Universal Adaptor (3 Req.)
- C. RP9-46181130** Sleeve, Rubber Protector/Damper
for Universal Adaptor
- D. 38-859-2** 25' Power Cable
RP9-60346360 Socket
- E. 20-1698-1** Vehicle Mounted Reference Rod
For use with the 20-843-2 Dial Indicator (Included
only with OCL360A)
- F. RP9-43015782** Tool, 22 mm Socket Wrench
- G. RP9-43017140** Tool, 6 mm T-Wrench
- H. 221-637-2** Tool, 8 mm Hex Key
- I. 221-636-2** Tool, 6 mm Hex Key
- J. 221-604-2** Tool, 8 mm Wrench
- K. 20-1418-1** Micro-Round Insert Kit includes:
221-626-3 Inserts, Micro-Round, 10 pack
221-628-2 Insert Tool, Torx #7
Micro-Round Insert
75-556-2 Insert Screws, Torx #7 Inset
Micro-Round Insert
- L. RP9-53980337R** Tool Holder, RH Rotor
Micro-Round Insert
- M. RP9-53980337L** Tool Holder, LH Rotor
Micro-Round Insert
- N. 179-15-2** Safety Glasses
- O. RP9-9032.0793** Ring Flange, 4x98 mm, 4x4.00",
GM, Fiat, Yugo

- P. RP9-9032.0792** Ring Flange, 4x100 mm, 4x110 mm,
4x4.25", 4x4.5". Chrysler, GM, Ford, Jeep, Saturn, Acura,
Alfa, Audi, BMW, Honda, Hyundai, Infiniti, Peugeot,
Mitsubishi, Mazda, Nissan, Porsche, Saab, Suzuki, Toyota,
Volkswagen
- Q. RP9-9032.0794** Ring Flange, 5x100 mm, 5x4.25",
5x112 mm, 5x4.5". Chrysler, GM, Ford, Jeep, Saturn,
Acura, Alfa, Audi, BMW, Honda, Infiniti, Peugeot, Lexus,
Mercedes, Mitsubishi, Mazda, Nissan, Porsche, Saab,
Subaru, Suzuki, Toyota, Volkswagen
- R. RP9-9032.0795** Ring Flange, 5x115 mm, 5x120 mm,
5x4.75", GM, BMW
- S. 25-130-1** Tool, Bolt Circle Identification Gauge
- T. RP6-9032.0860** Trolley Stand and Support Structure
- U. 20-1503-1** Accessory Kit, includes storage box, spacer
washers and lug nuts for use when existing lug nuts do not
clear universal adaptor attachment bolts. Includes:
46-475-2 Spacer (4 Ea.)
76-131-2 Nut-Lug 1/2-20 (4 Ea.)
76-147-2 Nut-Lug 12x1.5 mm (4 Ea.)
76-299-2 Nut-Lug 9/16-18 (5 Ea.)
76-300-2 Nut-Lug 14 mm x 1.5 mm (4 Ea.)
76-357-2 Nut-Lug 12 mm x 1.25 mm (4 Ea.)
76-358-2 Nut-Lug 7/16-20 (4 Ea.)
76-381-2 Nut-Lug 14 mm x 2.0 mm (4 Ea.)
- V. 20-1105-1** Silencer, Rotor, Anti-Chatter Kit for Solid
Rotors. Consists of:
223-49-2 Silencer, Rotor 7" O-Ring
223-50-2 Silencer, Rotor 8" O-Ring
223-51-2 Silencer, Rotor 9" O-Ring
58-134-2 Silencer, Rotor, Solid, Magnetic Bands (Set of 3)

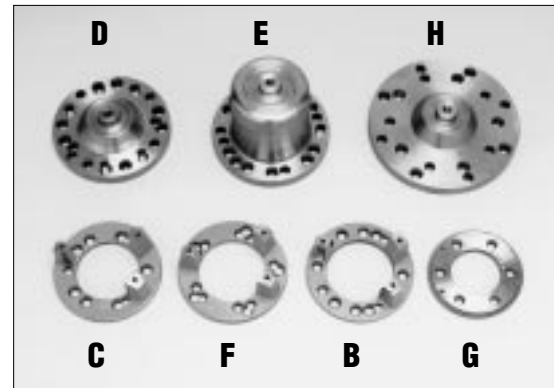
46-475-2 Spacer Washers (ea) (Not Pictured) Precision machined spacer washers are placed under flange adaptor to clear studs with tall shoulders or hubs with exposed bolts. (i.e., some Hyundai, Subaru, Mitsubishi and early Ford light trucks).

OCL360 Accessories (Continued)

LT-PRO Accessory Kit for OCL360 Packages

LT-PRO Accessory Kit adds the following items to the Standard Accessory Kit:

- A. 20-1601-2** Shaft Mount Dial Indicator [OCL360A only] (See pg. 18)
(Not Pictured here)
- B. RP9-9032.0796** Offset Flange 4x5.5", 5x5.5" 6x5.5"
- C. RP9-9032.0799** Offset Flange 5x5", 6x5"
- D. RP9-9032.0850** Ring Flange 8x6.5" 8x170 mm, 7x150 mm
- E. RP9-9032.0856** Offset Flange 6x6.5", 8x6.5", 8x170 mm
- F. RP9-9032.0857** Ring Flange 5x135 mm, 5x130 mm, 5x150 mm
- G. RP9-9032.0858** Off-Road Flange 6x4.5"
- H. RP9-9032.0859** Offset Flange 8x225 mm, 10x7.25"



OCL360 Adaptors & Accessories



RP9-9032.0796
Offset Flange 4x5.5", 5x5.5", 6x5.5", GM, Ford, Chrysler 4x4's; Isuzu, Mazda, Subaru, Suzuki, Toyota, Lexus, Nissan 4x4's



RP9-9032.0799
Offset Flange 5x5", 6x5", GM, Ford, Chrysler 4x4's & RWD Passenger Cars



RP9-9032.0850
Truck Ring Flange 8x6.5", 7x150 mm, 8x170 mm, GM, Ford, Chrysler Duallie 4x2's, Dodge 3/4 and 1-Ton 4x4's



RP9-9032.0859
Ring Flange 8x225 mm, 10x7.25", Ford F450-550SD, GM 3500 HD



RP9-9032.0856
Offset Flange-Deep 6x6.5", 8x6.5", 8x170 mm, GM, Ford Excursion/F250SD /F350SD, Chrysler Dana Axle 4x4's, Jeep



RP9-9032.0857
Offset Flange 5x130 mm, 5x135 mm, 5x150 mm, '97 and up Ford F-Series Trucks, Expedition and Navigator, Porsche, Lexus LX470, Toyota 4x4 Landcruiser



RP9-9032.0858
Ring Flange 6x4.5", Dodge Dakota 2/4WD



RP9-9032.0561
Offset Flange 5x6.5", Range Rover

OCL360 Adaptors & Accessories (Continued)



20-1425-1 Insert and Feed Rate Upgrade Kit

Used to upgrade early, 1/2 hp OCL360 models from triangle, positive rake inserts to micro-round inserts. Includes cam to double feed rate – reduces machining time by 50%.

Early Version OCL360 (1/2 hp) Accessories

221-538-3

Inserts, Positive Rake, 6 pack

RP9-53980336R

Tool Holder, RH Rotor, Positive Rake Insert Holder

RP9-53980336L

Tool Holder, LH Rotor, Positive Rake Insert Holder

OCL360 Measuring Tools



20-843-2 Dial Indicator (.001") and Universal Clamping Kit

provides simple setup and accurate measurement on/off the vehicle. Universal clamping to odd-shaped objects. Highly recommended for OCL360 models with manual compensation.



25-99-2 Dial Indicator (.001") and Clamp-On "Gooseneck" Kit

for measuring runout on brake rotor face and balljoint.



20-1601-2 Shaft Mount Dial Indicator Kit

allows OCL360A runout measuring stand to double as a general inspection tool in the shop. Universal swivel bracket is included.



RP9-85960050 Runout Measuring Stand

for measuring runout with the OCL360A. When combined with 20-1601-2 Dial Indicator Kit, this stand can be used as a general inspection tool in the shop.



25-127-2 "Speed-Mike" Digital Drum Diameter Gauge and Calibration Tool

Range: 6" to 15"



25-124-2 Drum Diameter Gauge

(6.00" to 14.25"), Laser Etched



25-128-2 "Speed-Mike" Digital Rotor Thickness Gauge

Range: 0.30" to 1.3"



25-123-2 Rotor Thickness Micrometer

measures rotor thickness at any point across face of rotor. Range: 0.30" to 1.30".

Because of continuing technological advancements, specifications, models and options are subject to change without notice.

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HUNTER

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