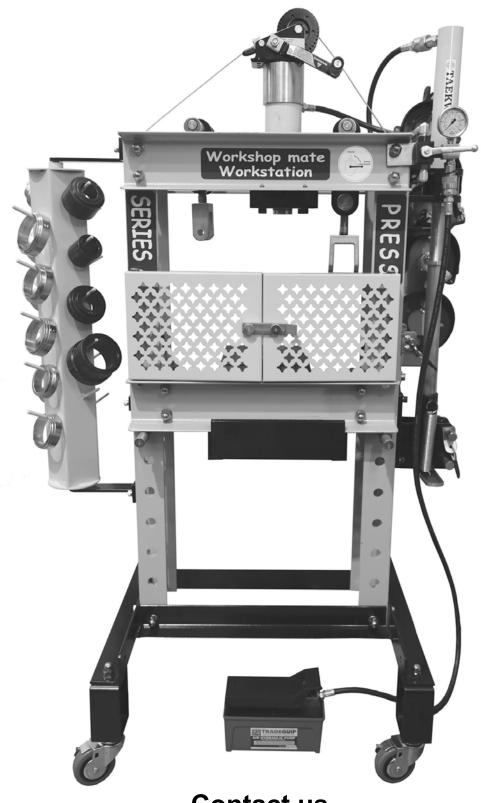
# Series 4 2024 Parts Catalogue



#### DEAR CUSTOMER

IT IS STRONGLY RECOMMENDED THAT YOU DO THE FOLLOWING ADVICE AFTER THE PURCHASE OF YOUR WORKSHOP MATE PRESS OR PURCHASE OF A FOOT PUMP:

RE: PREVENTING DAMAGE TO YOUR FOOT PUMP AND HYDRAULIC RAMS

IT IS HIGHLY RECOMMENDED THAT YOU PUT AN ONLINE WATER TRAP WITH A REGULATOR TO YOUR PRESS BECAUSE WATER IN YOUR LINES WILL CAUSE DAMAGE TO YOUR FOOT PUMP AND HYDRAULIC RAMS.

IT IS SUGGESTED YOU FIT THE WATER TRAP ON THE WALL NEAREST YOUR PRESS AND EMPTY IT EVERYDAY.

KEEP TOP OF FOOT PUMP CLEAN. WIPE REGULARLY WITH RAG. THIS WILL KEEP THE AIR OUTLET OPEN.

YOUR AIR PRESSURE SHOULD BE RESTRICTED TO 100psi

### **Important Information**

IMPORTANT INFORMATION TO READ BEFORE USING YOUR NEW WORKSHOP MATE PRESS

1 Please take the time to look at the DVD supplied before using the WORKSHOP MATE PRESS. Play it TWICE

After using the press for a month to 6 weeks go back and look at the DVD a second time. You will be pleasantly surprised at what extra you will see that will benefit your book time and you.

2 DO NOT use this press without the end piece supplied for the 30 ton ram or any other piece of tooling supplied with a BALL BEARING as you will damage the ram and void your warranty

3 Please make sure you fit an AIR INLINE regulator with a water trap and set regulator at Maximum 100 PSI

Please enjoy your new Workshop Mate Press

### **WORK METHOD STATEMENT**

**Location:** Automotive Repair Shop

Machine/Process: Workshop Mate Press/Spring Compressor

#### **OPERATION PROCEDURE**

- 1. Take note of any safety requirements. Ensure your immediate work area is safe before proceeding.
- 2. Safety Glasses must be worn whilst machine is operating. Ensure there is no loose clothing or items that may become stuck in machine.
- 3. Clear machine removing all previous tooling that is not required. Install tooling for current job.
- 4. Check oil level in sight glass of foot control.
- 5. Attach air supply line to foot control.
- 6. Open upper valve (anti-clockwise) and close lower valve (clockwise) for press operation.
- 7. Reverse procedure 6 for spring compressor operation.
- 8. Ensure all safety guards are in place for press operation.
- **9.** Ensure spring is secure in upper and lower brackets for spring compression operation.
- **10.** When job is complete, remove all tooling and clean down machine.
- 11. Switch Machine OFF by removing air supply to foot control.
- 12. Report any safety issues with machinery to management.

### SAFETY & MAINTENANCE FOR THE WORKSHOP MATE PRESS

#### HYDRAULIC PUMP AND RAMS

Keep foot pump clean by wiping oil vapour off once a week.

Change oil in foot pump every twelve (12) months.

Make sure you have a working water trap on air line set at 100 psi.

Only have one (1) valve open at a time when using press.

Always return ram to CLOSED position.

Never use ram without BUTTON DIE or other tooling in the end of ram as you will void your warranty.

If used without tooling in Ram – Ram cannot be repaired. Warranty voided.

HYDRAULIC Pressure Gauge on the Press to be under 35-40 MAX PRESSURE

#### PRESSING BUSHES AND BEARINGS ETC

Be sure to have bed rods in place as cable will not take 30 ton

Check that tools are in good order and condition - not chipped, burred or cracked due to previous misuse.

Always clean the job so that you can see clearly that the housing bush or bearing are seated so you can select the RIGHT tool for the job making sure you are pushing on the removable section (NOT the housing or solid section)

#### **STRUTS**

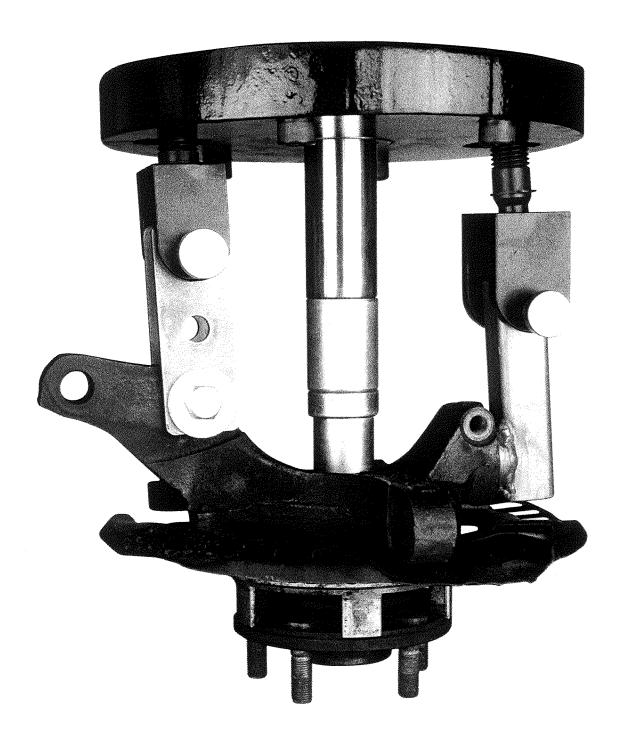
Always check tooling sizes before attempting job.

Always start STRUT press ram 100ml DOWN to allow for spring EXPANSION on the release

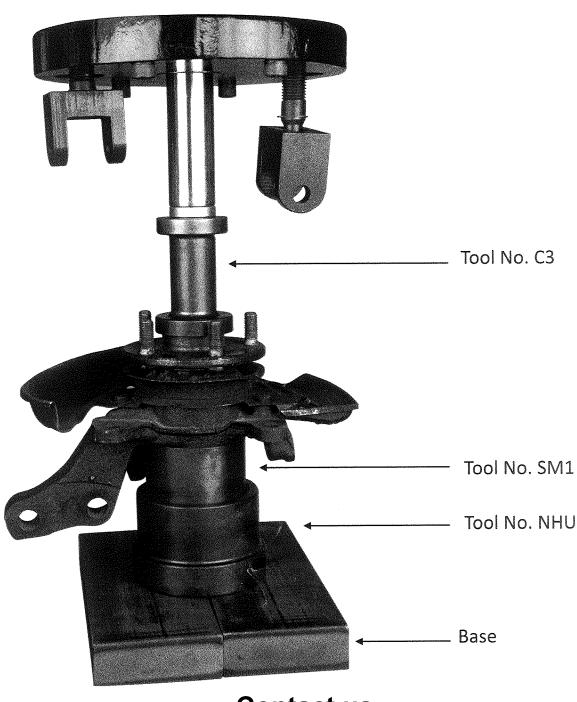
#### **FOOTNOTE**

If it looks or feels DANGEROUS do not do it.

Subaru hub tool using hanging brackets as well.



Hub replacement to bearing assembly using tool's supplied.



Different way of holding odd shape hubs



Removal and assembly of bearings. Common tool.

Part No. C3



Arms to be used on larger than 6inch diameter springs.

No part no. Toyota Camry, Commodore and Mitsubishi.



Honda hub arm holder.

Part No. HA

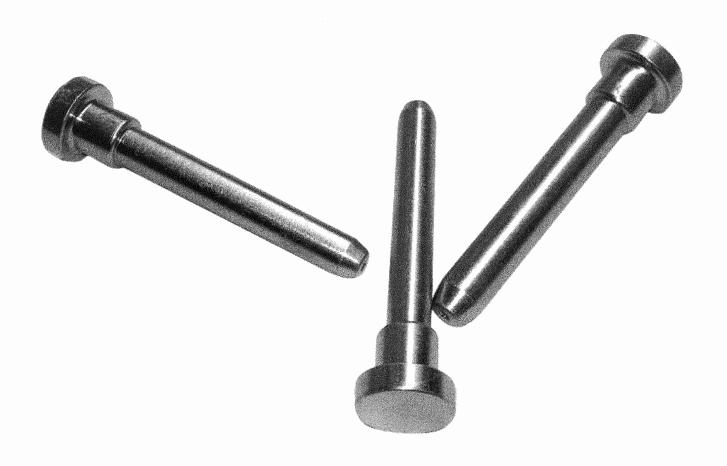


Common size bush for removal and assembly of bearings and bushes.

Part No. AX



Clevis pins used with hubs and struts



Different size dies for assembly and removal of bearings and bushes

Part No. LN

Part No. HEA





Different size bushes for assembly and removal of bearings and bushes.

Part No. SO5

Part No. SO5



Part No. DL2

Part No. SM

Used in conjunction with main base stand for assembly or removal of wheel bearings or bushes extension.

Tool No. CHI



Oil Filter Comp

Part No. FLT 2

Oil Filter Crusher Part No. FLT 1



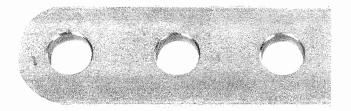
Main Base Stand for Assembly & Disassembly of Wheel Bearings & Hub

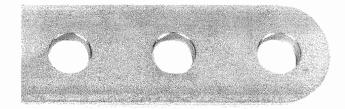
Tool No. NHU

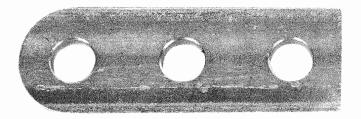


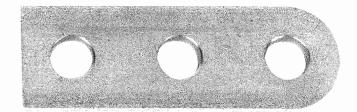
Four Hanging Brackets

Brackets suit larger type hubs as shown in attached copies.









Horse Shoe top Horse Shoe Pair

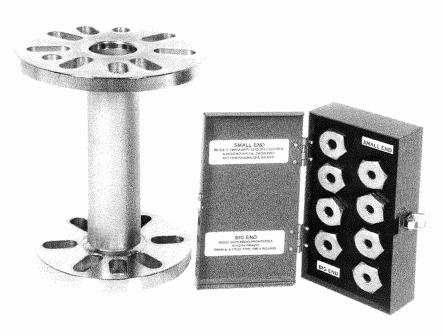
To be used for straight tapered struts under 6inches or 150mm in diameter.



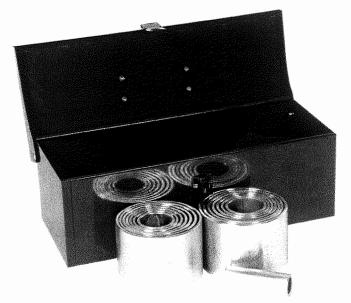
### Accessories available to purchase

### Rear Axle Bearing Puller

Specialised rear axle bearing puller for 4x4s. Suits most model cars.



#### **Undercar Press Dies**



### Accessories available to purchase

Horseshoe's for larger springs

7" horseshoe set

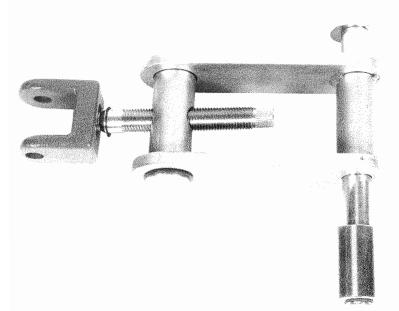


8" horseshoe set

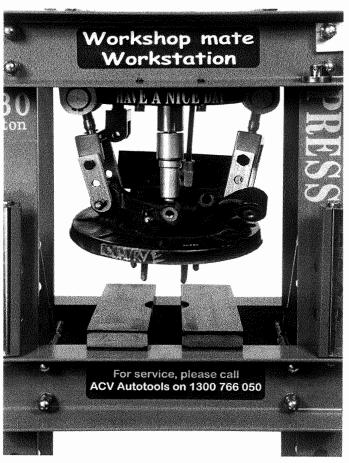


### Accessories available to purchase

#### Rear Hub Hanging Bracket Patent pending



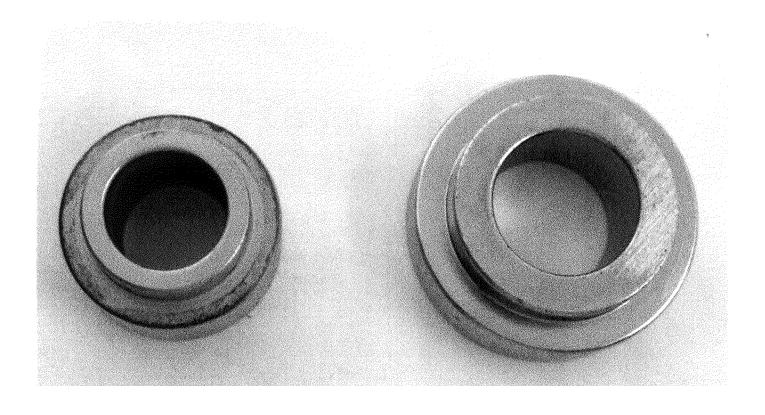
Cut the labour time for rear hubs – change the wheel bearing without disassembling the brakes. Order your hanger today and start cutting labour costs fast!



**General Purpose Press Tools** 

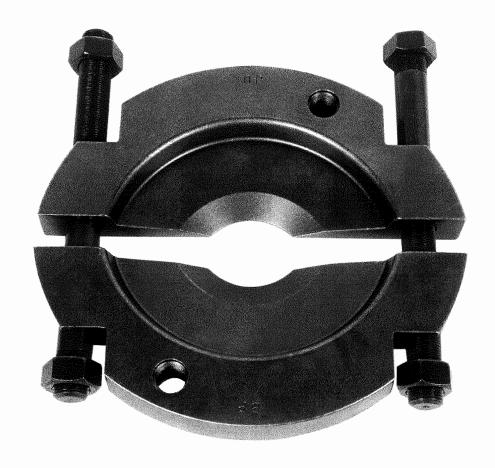
Tool No. IS3

Tool No. HUB 2



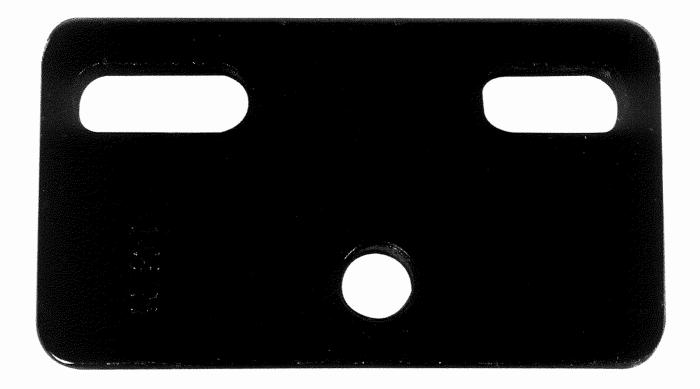
Bearing breaker multi use

Tool No. BP



Toyota Hub Hanging Tool

Part No. NKL



Main Base Stand for Assembly & Disassembly of Wheel Bearings & Hub

Tool No. NHU





Dies at top of page are used for assembly or removal of bearings or bushes extensions.

Part No. EQ Part No. EQ



Part No. SO4 Part No. SO4N

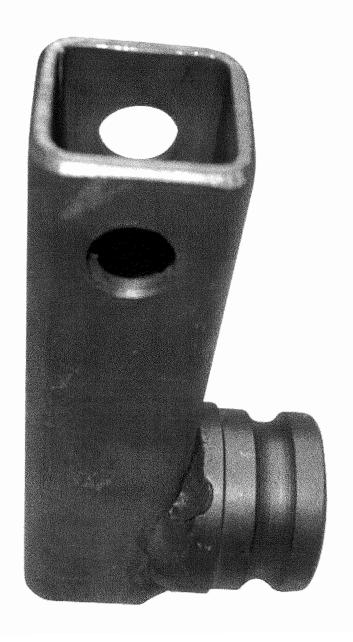
For assembly and removal of bushes extensions.

Part No. PSE Part No. LC



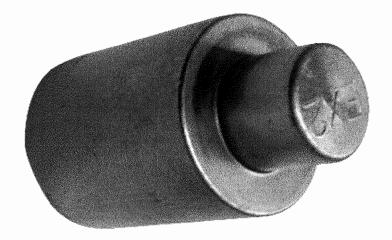
Part No. HF

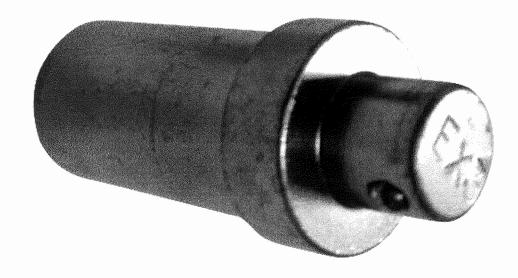
Subaru hub hanging tool



Extensions for RAM hub removal die.

Part No. EX2





Part No. EX3

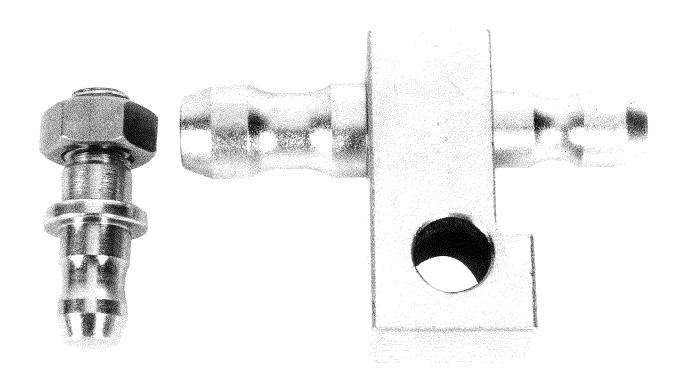
Under car press tool.

Part No. NSO with dies, Part No. NGS & part no. NGN



Cutter pin hanger for Mazda, some Toyotas and Nissan.

Part No. CP12 and Part No. Hanger



Clevis pin toll holder, suitable for Commodore, Toyota, Mitsubishi and Mazda.

Part No. HS

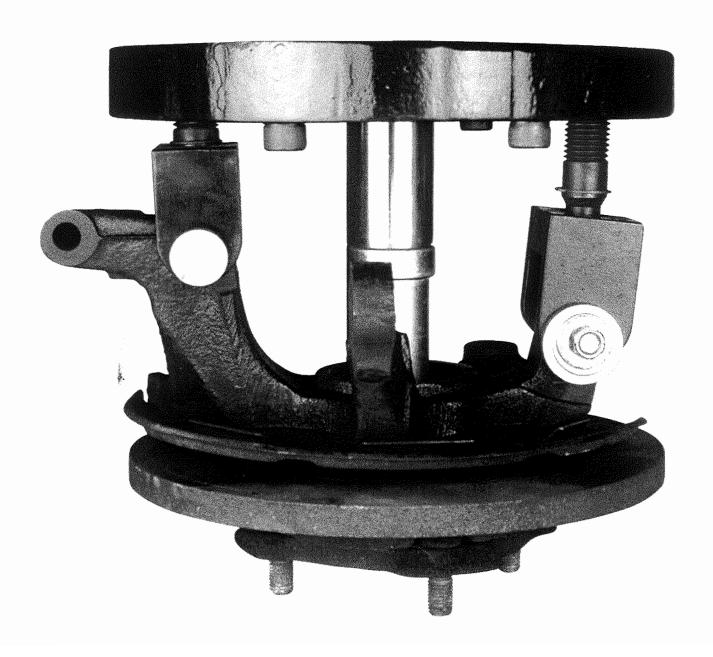


Gate to hold bottom of strut.

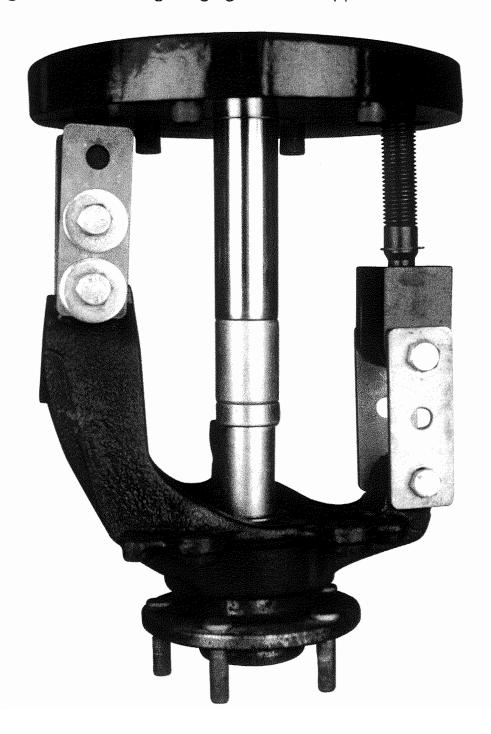
Part No. Gate



Standard way of holding common Japanese hubs. **Note adjustment screws.** 



Holding larger size hubs using hanging brackets supplied



### Accessories available to purchase

6" Short Ram

Ram for undercar porta use



#### **Set of Rams**

Sold individually

30 tonne ram for press20 tonne ram for press10 tonne ram for spring compressor

