

MANUAL TYRE CHANGER



Value you can trust



Manufactured and packaged for SUPER CHEAP AUTO PTY LTD ABN 64 085 395 124
751 Gympie Road, Lawnton, Queensland 4501, Australia

MANUAL TYRE CHANGER

Owners/Instruction Manual



PLU 343328

WARRANTY

This product is guaranteed against defects for a period of 12 months from date of purchase. This warranty is provided by Super Cheap Auto Pty Ltd ACN 085 395 124 (Supercheap Auto) of 751 Gympie Rd Lawnton QLD 4501 Ph (07) 3482 7500. Supercheap Auto will offer a repair, replacement product or store credit if the product is assessed as being defective during the warranty period.

To claim under this warranty, take this product to the Front Service Desk of your nearest Supercheap Auto store. For store locations, visit www.supercheapauto.com.au (AUS) or www.supercheapauto.co.nz (NZ). You will need your receipt or proof of purchase. Additional information may be requested of you to process your claim. Should you not be able to provide proof of purchase with a receipt or a bank statement, identification showing your name, address and signature may be required to process your claim.

This product may need to be sent to the manufacturer to assess the defect before determining any claim. Faults or defects caused by product modification, misuse and abuse, normal wear and tear or failure to follow user instructions are not covered under this warranty.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Any expenses incurred relating to the return of this product to store will normally have to be paid by you. For more information contact your nearest Supercheap Auto store.

The benefits to the consumer given by this warranty are in addition to other rights and remedies of the Australian Consumer Law in relation to the goods and services to which this warranty relates.

WARNING

Read this material before using this product. Failure to do so can result in serious injury. Save this manual.

Tyre Capacity:

Tyres from 8" to Light Truck Tyres (7-1/2" to 16")

Includes:

- 1 Bead Breaker Handle
- 89cm Long Mount/ Demount Tool

IMPORTANT SAFETY INFORMATION

1. Do not exceed max. tyre capacities. Do not use on standard tyres exceeding 16".
2. **CAUTION!** Do not use on tyres with high-end rims. Tyre removal and installation can result in scratches and slight marring on rims.
3. Wear safety goggles and heavy-duty work gloves during assembly, mounting and use.
4. Do not modify Tyre Changer to perform tasks for which it was not designed.
5. Use only with accessories included with the Tyre Changer.
6. Do not use without mounting to floor. Mount only to a secure, level surface able to support weight of Manual Tyre Changer and tyre assembly.
7. Verify that mounting surface has no hidden utility lines before drilling or driving screws.
8. Deflate tyre before use. Keep tyre's valve stem uncovered during use to allow any remaining air to flow out of tyre.
9. Lubricate Breaker Handle when removing tyre from rim; failure do so can lead to tyre damage.
10. Keep work area clean and well lit.
11. Keep bystanders out of the area during use.
12. Do not use when tired or when under the influence of drugs, medication or alcohol.
13. This product is not a toy. Do not allow children to play with or near this item.
14. Inspect before every use; do not use if parts are loose or damaged.

Assembly/Mounting Instructions

Read the entire Important Safety Information section at the beginning of this document including all text under subheadings therein before set up or use of this product.

1. The Tyre Changer will require some assembly after unpacking. See the assembly components in Figure 1.

NOTE: Assembly of the Base units (9, 13) to the Center Post (1) will be easier if done on a worktable.

2. Set the bottom of the Center Post diagonally across the middle of the Post Base. See Figure 2.

NOTE: Make sure to align the Center Post with the Post Base so that the Center Post's bracket faces the longer end of the Post Base.

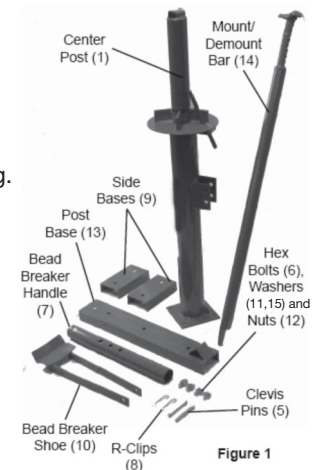
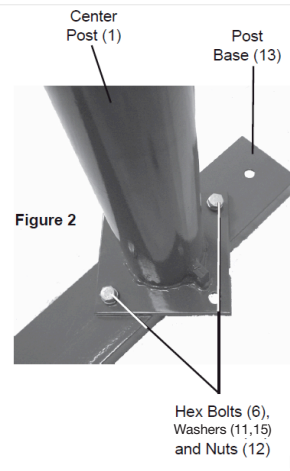
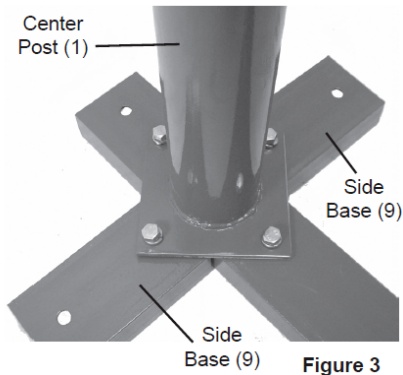


Figure 1

3. Fasten Center Post and Post Base together using the Hex Bolts (6), Washers (11,15), and Nuts (12). See Figure 2.

4. Set each of the Side Bases (9) along either side of the Post Base until the holes align. Fasten together using the Hex Bolts (6), Washers (11,15), and Nuts (12). See Figure 3.



5. At this point, the assembled base should be mounted to the selected floor surface (such as a wood pallet or concrete floor) using the 12mm mounting holes at the ends of the Side Bases and the Post Base.

NOTE: The floor surface should be at least 100mm in depth.

6. With assistance, move the Tyre Changer to the selected location. Use the four 12mm mounting holes as templates to mark four 12mm holes on the mounting surface.

NOTE: If mounting to a concrete surface, do not use a concrete drill bit larger in diameter than 12mm.

7. Drill four holes in the floor surface equal to the length of four 12mm diameter anchors (not included) to secure the Tyre Changer.

8. Set the Tyre Changer back on the floor surface and align its four mounting holes at its base with the four predrilled holes in the floor surface.

9. If necessary, level the Tyre Changer on the floor surface using a carpenter's level and steel shims (neither included).

10. Use a hammer (not included) to tap the four anchors through the four mounting holes in the base of the Tyre Changer and into the floor surface. Continue tapping the anchors until their washers rest against the base of the Tyre Changer.

11. Firmly tighten the nuts of the four anchors to secure the Tyre Changer to the floor surface.

12. Place the end of the Bead Breaker Handle (7) in the bracket on the side of the Center Post until the hole on the Handle's end aligns with top or bottom holes of the bracket (depending on the size of the tyre.)

13. Slide a Clevis Pin (5) through the bracket and Bead Breaker Handle, securing it using the R-Clip (8). See Figure 4.

14. Slide the end slots of Bead Breaker Shoe (10) over the mounting holes along the middle of the Bead Breaker Handle. Align with the end or middle holes (depending on which tyre size, the closest hole to the Center Post being for smaller tyres). Secure in place using the other Clevis Pin and R-Clip. See Figure 5.

15. Once fully assembled and mounted to the floor, the assembled Tyre Changer will look as it does in Figure 6, below.

NOTE: Tyre is not included.



Figure 6

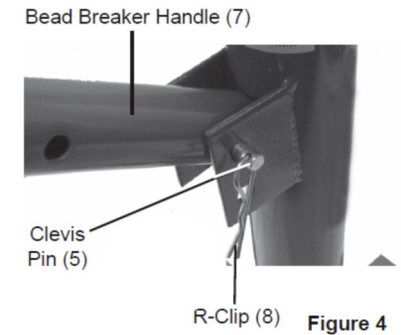


Figure 4

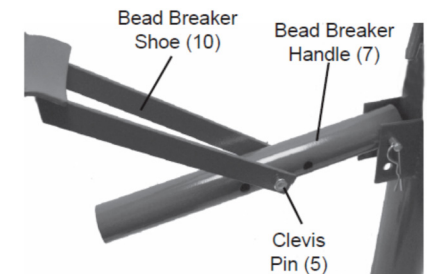


Figure 5

OPERATION

Breaking the Tyre Bead

1. Once the tyre is deflated, apply bead oil (not included) to tyre bead.

NOTE: Tyre removal and installation will be much easier when using bead oil.

2. Set Tyre down on the longer end of the Post Base (the end with the mounting tab). Position the tyre so that the rim is set against the mounting tab, which will keep the tyre in place.

NOTE: Make sure the tyre's valve stems is facing up.

3. Set the Bead Breaker Shoe against the edge of tyre rim. See Figure 7.

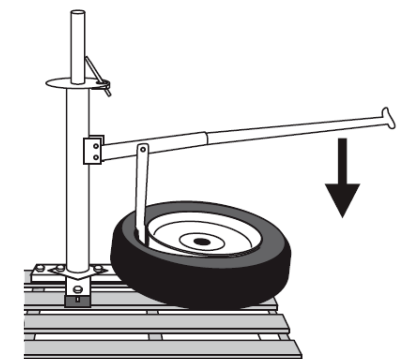


Figure 7

4. Insert Mounting/Demounting Bar into Bead Breaker Handle. Once inserted, push down on Bead Breaker Handle, allowing the Bead Breaker Shoe to lift tyre bead off of rim. See Figure 7.

5. Lift Bead Breaker Handle up and slide tyre around so that Bead Breaker Shoe can be set against the opposite end of rim.

6. Set the Bead Breaker Shoe against the edge of tyre rim. Push down on Bead Breaker Handle, allowing the Bead Breaker Shoe to lift other end of tyre bead off of rim.

7. Lift Bead Breaker Handle up, flip tyre over and reposition tyre against mounting tab.

8. Set Bead Breaker Shoe against the edge of tyre rim and push down on Bead Breaker Handle, removing bead from rim. See Figure 8.

9. Raise Bead Breaker Shoe and slide tyre around. Push down on Bead Breaker Handle, removing bead from rim.

10. Lift Bead Handle up and remove tyre from Post Base.

11. Remove Post Cap (2) and Spider Post (4) from top of Center Post.

12. Set tyre onto the Center Post.

NOTE: Make sure tyre's valve stem is facing up and Lug Pin (3) is sticking up through lug hole of rim.

13. Place Spider Post over Center Post going into wheel hub for fixing. See Figure 9.

14. Thread Post Cap onto Center Post. This will tighten Spider Post, locking tyre into place. See Figure 9.

15. To tighten Post Cap, place flat end of Mount/Demount Bar through top of Post Cap and pull on Mount/Demount Bar. See Figure 10.

16. Remove Mount/Demount Bar from Post Cap and set end against bead. Push down on Bar, forcing bead away from rim.

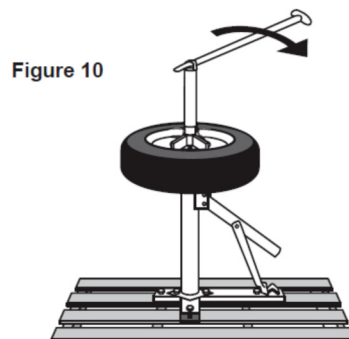
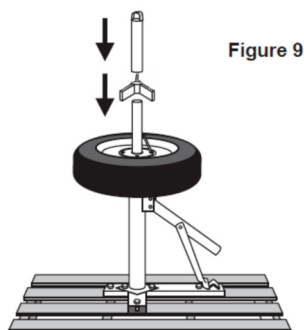
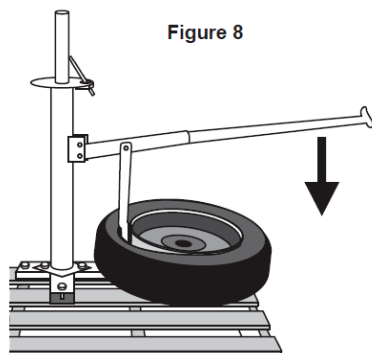


Figure 8

Figure 9

Figure 10

17. Slide bar down, and using the Post Cap as leverage, pull the Bar around, continuing to separate the bead from rim. See Figure 11.

18. Once bead on outer side of tyre is separated from rim, pull tyre up with free hand and push Bar down so it is against bead on inner rim. See Figure 12.

19. Using Post Cap as leverage, pull Bar around, separating inner bead from tyre rim.

NOTE: You may need to hold onto Post Cap with your free hand for added leverage. See Figure 13.

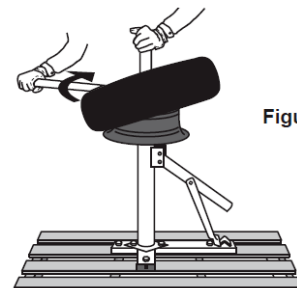


Figure 13

20. Continue pulling Bar around tyre until bead is fully separated from rim. Then lift tyre off of Center Post.

21. If desired, unthread Post Cap and Spider Post and remove rim from Tyre Changer.

Mounting Tyre Onto Rim

1. Set rim on Center Post and lock into place using the Spider Post and Post Cap (if not already done).
2. Set tyre on rim and push down on opposite ends of the tyre. See Figure 14.

NOTE: Be sure to apply bead lubricant before tyre mounting.

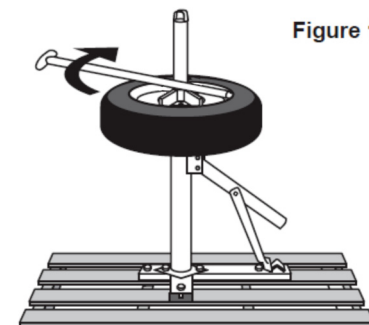


Figure 11

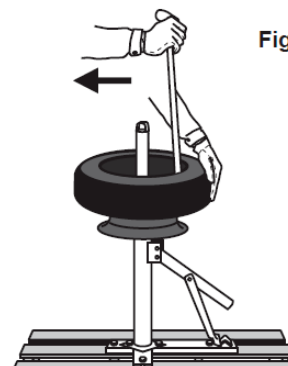


Figure 12

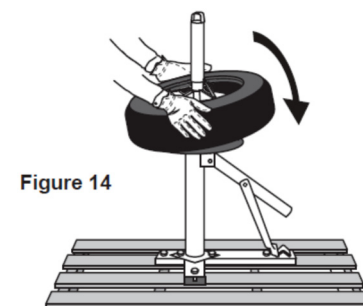


Figure 14

3. Stick Mounting/Demounting Bar through tyre (with flat edge facing down) to help wedge bead back behind rim.
4. Push down on tyre with free hand as you work bead behind rim. If needed push Bar along Center Post for added leverage. See Figure 15.
5. Once inner side of tyre is mounted to rim, push down on tyre again until one side of outer bead is under rim.
6. Remove Bar and switch ends, so that hook side is pressed against bead.
7. Push Bar down so that hook end wedges bead under rim. See Figure 16.

NOTE: Be sure to apply more bead lubricant, if needed.

8. Continue to work around rim until tyre mounts over edge of bead.

IMPORTANT: If tyre bead starts to seat during mounting, the tyre will need to stretch more and will be more difficult to mount. To prevent this, push down on tyre with your free hand so it doesn't seat on the upper edge of rim during mounting.

9. Depending on the flexibility of rubber (and the amount of bead lubricant used), you may not to switch the Bar around and use the flat edge of Bar to wedge the last sections of the bead under the rim. See Figure 17.

10. **WARNING!** Do not use the bar to hammer on the side of the tyre during mounting. Doing so can damage the tyre.

11. Once tyre is properly mounted onto the rim, inflate tyre to the PSI recommended in tyre's owner manual.

WARNING! Do not over-inflate tyre.

12. **WARNING!** Check for any leaks and balance tyre before putting inflated tyre back onto vehicle.

NOTE: This Tyre Changer works best with standard sized tyres only.

Figure 15

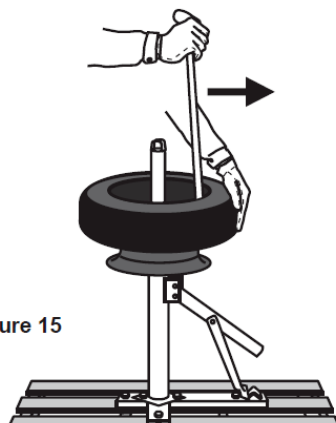


Figure 16

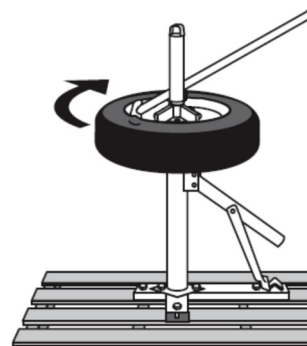
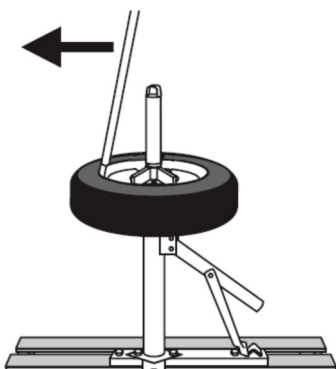


Figure 17



MAINTENANCE

1. After each use, wipe any excess bead oil off of Tyre Changer.
2. Regularly inspect Tyre Changer to ensure that all connections are secure.

PARTS LIST

Part NO	Description	Qty
1	Center Post	1
2	Post Cap	1
3	Lug Pin	1
4	Spider Post	1
5	Clevis Pin	2
6	Bolt M10*30	4
7	Bead Breaker Handle	1
8	R-Clip	2
9	Side Base	2
10	Bead Breaker shoe	1
11	Lock washer $\varnothing 10$	4
12	Nut M10	4
13	Post Base	1
14	Mount/Demount Bar	1
15	Flat washer $\varnothing 10$	4

