

Please read and save these instructions. Read through this owner's manual carefully before using product. Protect yourself and others by observing all safety information, warnings, and cautions. Failure to comply with instructions could result in personal injury and/or damage to product or property. Please retain instructions for future reference.



## MANUAL TIRE SPREADER

### FOR CUSTOMER SERVICE

Technical Question?

**CALL 1-866-458-2472**  
customerservice@oem-tools.com

### UNPACKING

After unpacking the unit, inspect carefully for any damage that may have occurred during transit. Check for loose, missing, or damaged parts. If any damage is observed, a shipping damage claim must be filed with the carrier. **DO NOT** use the OEMTOOLS™ Manual Tire Spreader if broken, bent, cracked or damaged parts (including labels) are noted. Any Manual Tire Spreader that appears damaged in any way, operates abnormally or is missing parts should be removed from service immediately. If you suspect that the Manual Tire Spreader was subjected to shock load (a load that was dropped suddenly, unexpectedly, etc.), immediately discontinue use until it has been checked by a factory authorized service center.



### **⚠ WARNING**

The following safety information is provided as a guideline to help you operate your Manual Tire Spreader under the safest possible conditions. Any tool or piece of equipment can be potentially dangerous to use when safety or safe handling instructions are not known or not followed. The following safety instructions are to provide the user with the information necessary for safe use and operation. Please read and retain these instructions for the continued safe use of your tool. Failure to follow instructions listed below may result in serious injury. In addition, make sure that anyone who uses the equipment understands and follows these safety instructions as well.

### Explanation of Safety Signal Words

**⚠ WARNING:** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

**⚠ CAUTION:** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

**CAUTION:** Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

Thank you very much for choosing an OEMTOOLS™ Product!

For future reference, please register your new tool at [www.oem-tools.com](http://www.oem-tools.com) and complete the owner's record below:

**Model:** \_\_\_\_\_ **Purchase Date:** \_\_\_\_\_

Save the receipt, warranty and these instructions. It is important that you read the entire manual to become familiar with this product before you begin using it. This product is designed for certain applications only. OEMTOOLS™ cannot be responsible for issues arising from modification. We strongly recommend that this product is not modified and/or used for any application other than that for which it was designed. If you have any questions relative to a particular application, **DO NOT** use the product until you have first contacted customer service to determine if it can or should be performed on the product.



# MANUAL TIRE SPREADER

## **!** IMPORTANT INSTRUCTIONS AND SAFETY RULES

1. Know your tool. Read this manual carefully. Learn the tool's applications and limitations, as well as potential hazards specific to it.
2. Keep work area clean and well lit. Cluttered or dark work areas invite accidents.
3. Keep children away. All children should be kept away from the work area. Never let a child handle a tool without strict adult supervision.
4. DO NOT operate this tool if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, DO NOT attempt to operate.
5. Use safety equipment. Eye protection should be worn at all times when operating this tool. Use ANSI approved safety glasses. Everyday eyeglasses are NOT safety glasses. Dust mask, non-skid safety shoes, hard hat or hearing protection should be used in appropriate conditions.
6. Wear proper apparel. Loose clothing, gloves, neck-ties, rings, bracelets or other jewelry may present a potential hazard when operating this tool. Keep all apparel clear of the tool.
7. DO NOT overreach. Keep proper footing and balance at all times when operating this tool.
8. Check for damage. Check your tool regularly. If part of the tool is damaged, it should be carefully inspected to make sure that it can perform its intended function correctly. If in doubt, the part should be repaired. Refer all servicing to a qualified technician. Consult your dealer for advice.
9. Keep away from flammables. DO NOT attempt to operate this tool near flammable materials or combustibles. Failure to comply may cause serious injury or death.
10. Store idle tools out of the reach of children and untrained persons. Tools may be dangerous in the hands of untrained users.
11. Maintain tools with care.
12. Keep tools dry and clean.
13. Properly maintained tools are less likely to bind and are easier to control. DO NOT use a damaged tool. Tag damaged tools "DO NOT USE" until repaired.
14. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation.
15. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.
16. Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may become hazardous when used on another tool.
17. Tool service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel could result in a risk of injury.
18. When servicing a tool, use only identical replacement parts. Use of unauthorized parts or failure to follow maintenance instructions may create a risk of injury.
19. Maintain a safe working environment. Keep the work area well lit. Make sure there is adequate surrounding workspace. Keep the work area free of obstructions, grease, oil, trash, and other debris. Do not use this product in a damp or wet location.
20. Maintain labels and nameplates on this product. These carry important information. If unreadable or missing, contact OEMTOOLS™ for a replacement.
21. Keep the handles dry, clean, and free from brake fluid, oil, and grease.
22. Always perform vehicle service in a properly ventilated area. Never run an engine without proper ventilation for its exhaust. Stop work and take necessary steps to improve ventilation in the work area if you develop momentary eye, nose, or throat irritation as this indicates inadequate ventilation.
23. The unexpected movement of a vehicle can injure or kill. When working on vehicles, always set the parking brake or chock the wheels.
24. Avoid accidental fire and/or explosion. DO NOT smoke near engine fuel and battery components.
25. The warnings, precautions, and instructions discussed in this manual cannot cover all possible conditions and situations that may occur. The operator must understand that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.
26. For safety purposes and the prevention of damage to expensive components, it is advised that the user have an understanding of basic automotive repair and a working knowledge of automotive systems.
27. We believe the information contained herein to be reliable. However, general technical information is given by us without charge and the user shall employ such information at their own discretion and risk. We assume no responsibility for results or damages incurred from the use of such information in whole or in part.
28. The manufacturer declines any and all responsibility for damage to vehicles or components if said damage is the result of unskillful handling by the operator or of failure to observe the basic safety rules set forth in the instruction manual.
29. This equipment is intended only for professional use by personnel trained in performing the service functions for which it was designed.
30. The procedures documented in this manual are to serve as guidelines for the use of this equipment.
31. In addition to these guidelines, always follow the manufacturer's recommended procedures when servicing each unique vehicle.
32. The use of this equipment is simple and straightforward if you follow the instructions. When operating this equipment, use common sense, and only use this Manual Tire Spreader for its intended purpose.



# MANUAL TIRE SPREADER

## PRODUCT DESCRIPTION

The OEMTOOLS™ 26679 Manual Tire Spreader is used to improve access and visibility to the inner tire surface for repair. The Manual Tire Spreader is designed to work with most passenger vehicle and light truck tires.

## PRODUCT SPECIFICATIONS

<b>Product Weight</b>	53 Lbs.
<b>Base Dimensions</b>	20.25" (L) x 13.25" (W)
<b>Spreader Height</b>	35"
<b>Max Tire Width</b>	9.5"
<b>Tool Tray Dimensions</b>	9.5" x 5.75"

## CONTENTS

Spreader Handle with Hook, Fixed Spreader Hook, Sliding Hook Support, Locking Hook Mechanism, Tire Rollers (2), Roller Support Table, Support Column with Adjustable Tilting Mechanism, Tool Tray, Base, Bolts/Nuts for Assembly

## SPECIFIC SAFETY INSTRUCTIONS AND WARNINGS

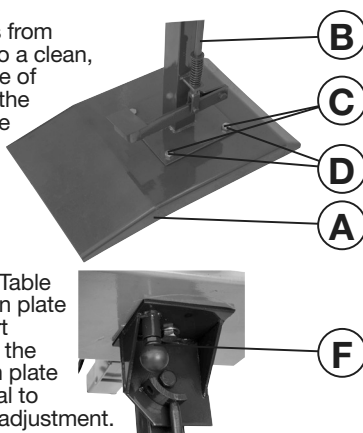
1. Always clean the hook mechanisms prior to use. The presence of grease may cause hooks to slip, leading to possible malfunction and operator injury.
2. Always operate on a clean, flat surface capable of supporting the weight of the Tire Spreader at capacity. Failure to stabilize may cause the Tire Spreader to fall or malfunction during operation, leading to injury.
3. Never place hands or extremities between the hooks and the tire wall.
4. Keep hands, extremities and loose clothing away from the Support Column (B) and Roller Support Table (E) while rotating the table or while tilting the support table.
5. Always support the Roller Support Table (E) while adjusting the tilt angle. Failure to support the table will cause the table to fall to either side, this may lead to damage or operator injury.
6. Ensure tilting and adjustment points are lubricated.

## RECOMMENDED TOOLS FOR ASSEMBLY

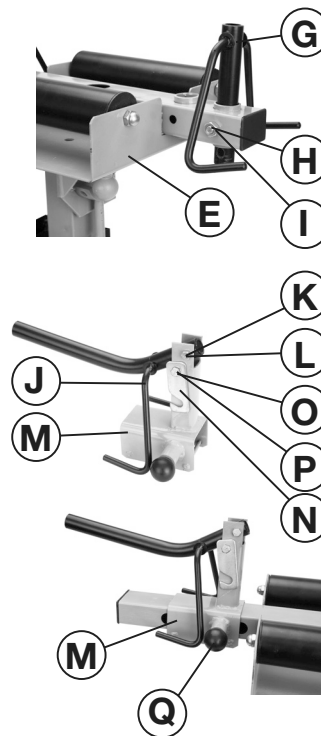
1. Ratchet
2. Metric Sockets: 10, 12, 13, 14, 17, 18, 19, 23 mm (if desired, adjustable wrench or combination wrench can be used in place of sockets)
3. Adjustable Wrench

## ASSEMBLY\*

1. Carefully remove all parts from the packaging. Place onto a clean, protected surface capable of supporting the weight of the Manual Tire Spreader (see product specifications).
2. Tilt the Base (A) to attach the Support Column (B) with 18 mm Bolt (C) and 19 mm Nut (D).
3. Place the Roller Support Table (E) onto the top of the turn plate (top fixture on the support column) (B). Attach using the 23 mm Bolt (F). If the turn plate is tilted, use the foot pedal to release the turn plate for adjustment.



4. Place the Fixed Hook (G) into the applicable hole, fasten using the 14 mm Bolt (H) and 17 mm Nut (I).
5. Attach the Hook with Lever Handle (J) using the 12 mm Bolt (K) and 13 mm Closed Nut (L) to the Sliding Hook Support (M). Attach the Locking Mechanism (N) using 12 mm Bolt (O) and 14 mm Nut (P).
6. Slide the Sliding Hook Support Assembly (Step # 5) onto the open arm of the Roller Support Table (E), opposite of the Fixed Hook (G). The Sliding Hook Support Assembly will lock into place with the spring-loaded adjustment knob (Q).
7. Attach the Tool Tray (R) to the Support Column (B) using 10 mm Bolts (S).



\* Bolt and nut measurements may vary

## OPERATION

1. Prior to use, ensure all bolts are fastened tightly.
2. Place the tire onto the rollers (V).
3. Adjust the Sliding Hook Support (M) to meet the tire dimensions.
4. Secure each hook (G & J) onto the sidewalls of the tire.
5. Pull the handle on the Sliding Hook Support Assembly to spread the sidewalls of the tire.
6. Lock the Sliding Hook (J) into place using the locking mechanism (N).
7. When repair is completed, unlock the locking mechanism (N) while supporting the handle to slowly release the Sliding Hook (J).

## ADJUSTING THE ROLLER SUPPORT TABLE

1. While supporting the upper assembly, pull the Rotation Adjustment Knob (T) located on the bottom of the Roller Support Table. Rotate to desired locking point.
2. To tilt the Roller Support Table, support the upper assembly and press the Foot Pedal (U). The table can tilt 45°.

## MAINTENANCE

Clean the Hooks and Handle after each use. There may be grease, residue and dirt left from previous jobs that could hinder the performance of the tire spreader.

Check all fasteners prior to use.

## STORAGE

Store the Manual Tire Spreader in an upright position and in a clean, dry area. Do not store near flammable items or open flames.

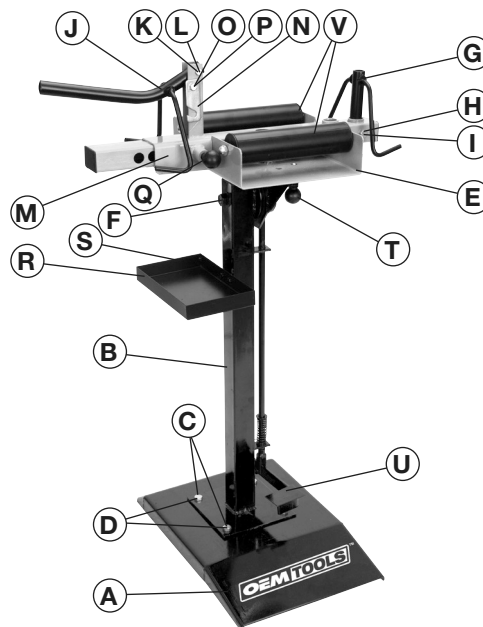


# MANUAL TIRE SPREADER

## PARTS LIST

Figure	Description	Quantity
A	Base	1
B	Support Column	1
C	18 mm Bolt for Mounting Support Column	4
D	19 mm Nut for Mounting Support Column	4
E	Roller Support Table	1
F	23 mm Bolt for Mounting Roller Support Table	1
G	Fixed Hook	1
H	14 mm Bolt for Fixed Hook	1
I	17 mm Nut for Fixed Hook	1
J	Sliding Hook	1
K	12 mm Bolt for Sliding Hook	1
L	13 mm Closed Nut for Sliding Hook	1
M	Sliding Hook Support	1
N	Locking Mechanism	1
O	12 mm Bolt for Locking Mechanism	1
P	14 mm Nut for Locking Mechanism	1
Q	Spring-Loaded Adjustment Knob	1
R	Tool Tray	1
S	10 mm Bolt for Mounting Tool Tray	2
T	Rotation Adjustment Knob	1
U	Foot Pedal	1
V	Rollers	2

## PARTS DIAGRAM



**Note:** Not all components of the Manual Tire Spreader are replacement items, but are illustrated as a convenient reference for location and position in the assembly sequence. The manufacturer and/or distributor have provided the parts list and assembly diagram in this manual as a reference tool only. Neither the manufacturer nor distributor makes any

representation or warranty of any kind to the buyer that he or she is qualified to make any repairs to the product, or that he or she is qualified to replace any parts of the product. In fact, the manufacturer and/or distributor expressly states that all repairs and parts replacements should be undertaken by certified and licensed technicians, and not by the buyer. The buyer assumes all risk and liability arising out of his or her repairs to the original product or replacement parts thereto, or arising out of his or her installation of replacement parts thereto.

## OEMTOOLS™ ONE YEAR WARRANTY

If for up to one year from the date of purchase of this OEMTOOLS™ product you find any defect in material or workmanship, through normal usage, return it to the place of purchase, or to OEMTOOLS™ for repair or replacement at our discretion. In order to obtain this service send the product and proof of purchase, transportation pre-paid, to OEMTOOLS™ Q.A. Dept, 3580 E. Raines Road #3, Memphis, TN 38118. We will not be responsible for lost or damaged goods during transportation, please insure your package. If our inspection verifies the defect, we will either repair or replace the product at our election, or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

OEMTOOLS™ does not provide warranty for products labeled other than OEM or OEMTOOLS™. OEMTOOLS™ will not provide any warranty for products subjected to abnormal use. Abnormal use includes, but is not limited to, abuse, accident, alteration, neglect, and unauthorized or unreasonable use or repairs. This warranty does not cover bits, blades, files, batteries, or calibration. We recommend that you maintain your tools and sharpen or replace blades, bits, files, and batteries as necessary. OEMTOOLS™ reserves the right to make any changes in construction or design at any time without any obligation in incorporating such changes to tools or equipment previously sold.

OEMTOOLS™ makes every effort to ensure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of one year from the date of purchase. This warranty does not apply to damage due directly or indirectly to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear or to lack of maintenance.

We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

## CONTACT US

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