

Inner Tie Rod Tool Set Instructions



SAFETY INFORMATION

Warning!

- The instructions provided herein are only for general information. **ALWAYS** perform all repairs in full compliance with your vehicle's service manual. After any repair, test your vehicle in your workshop and at low speed before returning to normal use. Failure to do so may result in serious property damage, and severe personal injury.
- **DO NOT** allow children or those unfamiliar with this product to use it. Do not use while under the influence of alcohol, drugs, or any medication that negatively affects your judgment or reflexes. Keep children and bystanders away during use.
- Keep your work site clean and well lit. Cluttered and dark work areas invite accidents.
- For best results, keep the kit clean and dry. Remove any fluid, oil, or grease before and after work, particularly from the handle and fittings.
- **ALWAYS** use personal protective equipment (PPE) suitable to your task. Always wear ANSI-approved eye and hand protection while using this product. Nonslip footwear is also highly recommended. Other equipment such as ear, head, and body protection may also be necessary depending on your work and other equipment.
- Dress properly for automotive servicing. Do not wear loose clothing or jewelry and keep hair, clothing, gloves, hoses, and tools away from any moving parts during use.
- **ALWAYS** know and understand the specific safety warnings and instructions for your vehicle before using this kit. Make sure the parking brake is activated before beginning any work. Use with jack and jack stands able to fully support the necessary weight.
- Do not overreach. Keep proper footing and balance at all times.
- **DO NOT** use excessive pressure with this product and do not force it or its attachments.
- Maintain this product. Check for misalignment, binding, wear, or other damage before use. If any damage is detected, repair or replace the problematic components before further use. In a large shop, mark such tools **DO NOT USE** until they have been repaired. Only replace components with identical parts.

SPECIFICATIONS

Material		AISI 1045 Steel, A3 Steel	
Bolt-On Clamp	Fitment	1.06–1.73 in.	27–44 mm
	Socket Size	$\frac{3}{8}$ in.	9.5 mm
Compression Clamp	Fitment	1.06–1.65 in.	27–42 mm
	Socket Size	$\frac{1}{2}$ in.	12.7 mm
Net Weight		1.7 lb.	0.75 kg

OPERATION

Bolt-On Clamp

1. Loosen the nuts on the bolt-on clamp, but do not fully remove them.
2. Slide the tool around the inner tie rod and tighten its nuts securely with a 9 mm wrench.
3. Use a $\frac{3}{8}$ in. ratchet wrench and an extension bar to rotate the tool counterclockwise until the inner tie rod comes loose.
4. Remove the wrench and the tie rod. Service your car as needed.

Compression Clamp

1. Slide the tool around the inner tie rod.
2. Use an appropriate $\frac{1}{2}$ in. wrench and an extension bar to rotate the tool's arm and push it into the center of tool until the tie rod end comes loose.
3. Remove the wrench and the tie rod. Service your car as needed.

MAINTENANCE

- Clean the tools with a soft damp cloth using a mild detergent or solution after use. Do not rinse them or use abrasive cleaners or caustic chemicals.
- For best results, lubricate the tools with high-quality anticorrosive oil between uses.
- Check the parts of the tools periodically for any wear or damage. Repair or replace any problematic parts before further use.
- If the tools will not be used for an extended period of time, clean and lubricate them and store them in a cool dry place inaccessible to children.

CONTACT US

Thank you for choosing our products! If you have any questions or comments, contact us at help@cs-supportpro.com and we'll resolve your issue ASAP!

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