

ORION Motor Tech V20231110 Caliper Pads Spreader



ORION Motor Tech V20231110 Caliper Pads Spreader User Manual

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ORION Motor Tech V20231110 Caliper Pads Spreader



Product Information

Specifications

- Model: V20231110
- Product Name: Caliper Pads Spreader
- Package Contents:
 - A – Caliper Pads Spreader x1
 - B – Caliper Hooks x2
 - C – Gloves (1 Pair)

Product Usage Instructions

1. Set the hand brake and park your vehicle on a surface suitable for vehicular servicing.
2. Lift your vehicle using a car lift or jack stand.
3. Use chocks to immobilize wheels not being serviced.
4. Remove the wheel hub cover, lug nuts, and the wheel of the caliper needing service.
5. Remove the caliper from the wheel hub and hang it using one of the caliper hooks.
6. Wedge the spreader plates between the outboard and inboard pads as shown. Use the Tommy Bar.
7. Turn the tommy bar counterclockwise until the piston(s) completely retract into its housing.
8. Service the caliper as needed.

Maintenance

Store in a cool, dry place inaccessible to children.

Contact Us

Thank you for choosing our products! For any questions or comments, contact us at support@orionmotortech.com and we'll resolve your issue ASAP.

For a .pdf copy of the latest version of these instructions, scan the QR code to the right using an appropriate app on your smartphone.

FAQ

- Q: How do I know if the calliper pads spreader is compatible with my vehicle?

A: The calliper pads spreader is designed to be compatible with a wide range of vehicles. However, it's recommended to check the product specifications and your vehicle's manual for compatibility before use.

- Q: Can I use the calliper pads spreader for the rear callipers?]

A: Yes, the calliper pads spreader can be used for both front and rear callipers. Follow the same instructions provided in the user manual for rear callipers as well.

Read Carefully Before Use Keep for Future Reference

Safety Information

- 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 engine and 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.
- ONLY use this product for its intended purpose, separating caliper pads. In particular, do not use this kit to spread parts that are easily skewed or marred.
- DO NOT allow use by children, by persons whose mental or physical condition precludes safe use, or by persons unfamiliar with this product and its compatible vehicle systems. 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 C-frame and fittings.
- ALWAYS use personal protective equipment (PPE) suitable to your task. Always wear ANSI and OSHA-approved eye, breathing, and hand protection while using this product. Normal use of this product typically produces microscopic particles known to the state of California to cause cancer, birth defects, or other reproductive harm. Nonslip footwear is also highly recommended. Other equipment such as ear, head, and body protection may also be necessary depending on your work, work environment, 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. Use the correct fluids, pressures, adapters, etc. for your vehicle. Make sure the vehicle is fully supported and parked before beginning any work. Take care to never touch any heated surface with exposed skin.
- ALWAYS exercise caution when dealing with brake fluid that may leak from a damaged piston bushing. This fluid can cause skin irritation and should be handled with care. In case of ingestion or inhalation, seek

immediate medical attention. ALWAYS use extreme care when working with brake fluid.

- 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. Lubricate the threads and drive the head of the jackscrew with each use, but do not allow lubricant to reach the position of contact between the press assembly and the part.
- 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.
- ALWAYS tighten the removed nuts or bolts to the torques stated in your vehicle’s service manual.
- Automotive repair is an inherently dangerous activity. This manual and your separate vehicle service manual cannot cover all possible situations that may arise. ALWAYS exercise discretion and good judgment.

Package List

No.	Item	Qty.
A	Caliper Pads Spreader	1
B	Caliper Hooks	2
C	Gloves	1 Pair



Operation

1. Set the hand brake and park your vehicle on a surface suitable for vehicular servicing.
2. Lift your vehicle up either using a car lift or a jack stand.
Use chocks to immobilize wheels that do not need servicing.
3. Remove the wheel hub cover (if any), lug nuts, and the wheel of the caliper that needs servicing.
4. Remove the caliper from the wheel hub. Hang the caliper assembly using one of the caliper hooks (B).
5. Wedge the spreader plates between the outboard and inboard pads the way as shown.



6. Turn the tommy bar counterclockwise and keep turning till the piston(s) completely retract(s) into its housing.
7. Service the caliper as needed.

Maintenance


- Remove any detritus from the surface of the used tools with a dry brush or cloth after use. Do not rinse it or use abrasive cleaners or caustic chemicals.
- For best results, lubricate the thread 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, lubricate them and store them in a cool dry place inaccessible to children.

Contact Us



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References

- [User Manual](#)

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