

# TSN00818-300 (NCT11613003) Brake Pad Caliper Spreader - 6 Piston (Tool Use Instruction)



## Purpose:

Tool use instructions on how to install/use the Brake Caliper Spreader -6 Piston (R1) on the front brake calipers on the vehicles and assist with Pad/Caliper/Rotor replacement

**About this Task:** Images on this Tool Use Instruction are based on the LH side of the vehicle. Instructions are similar for the RH side (differences will be noted in TUI)

**Caution:** Risk of bodily injury: This procedure might be missing warnings and cautions that are necessary for safe operation and prevention of damage to the vehicle or equipment.

## Tool Compatibility:

VEHICLE MODEL	NUMBER OF BRAKE PISTONS	COMPATIBLE
R1 - MODEL YEAR 2022-2024	6	YES
R1 - MODEL YEAR 2025 AND UP	4	NO
EDV - 2022 AND UP	2	NO

\*NOTE: For R1 T/S with 4 -piston front brake calipers, refer to Tool Usage Instruction: [TS](#)

[N00952-100 | BRAKE CALIPER SPREADER \(2 OR 4 PISTON CALIPERS\)](#)

## Pre-requisites:

Removal of the Front Wheels

## Tool Installation:

1) Make Sure you have clear access to the rear of the Front Brake Calipers



2) Mounting of the Brake Caliper spreader does not require disassembly of the brake pad pins, brace or spring (arrows showing). It can be mounted with everything in place.



3) Install Brake Caliper Spreader on the inside (towards the center) of the brake pads. Turn tool in the needed direction to allow

installation and apply pressure to mount it against the brake pads.



Brake Caliper Spreader mounted to the caliper assembly.



4) Once the Brake Caliper Spreader tool is mounted, turn handle **clockwise** to spread the brake pads. This will aid with pushing back the 6 pistons evenly at the same time inside the brake

caliper assembly.

Turn **counter-clockwise** to release tension and re-tract tool.



5) When Brake pads are fully spread within the caliper (all pistons within the caliper will be retracted), you can continue with removal of the Brake Pads:

[https://serviceinfo.goriv.com/en-us/R1T/R1T\\_Service\\_Manual/14-Brakes/1418-Brake\\_Pads/141810010.html](https://serviceinfo.goriv.com/en-us/R1T/R1T_Service_Manual/14-Brakes/1418-Brake_Pads/141810010.html)

You will know you are fully spread (pistons fully retracted) when you can no longer turn the handle on the Brake Caliper Spreader tool.



#### **Post repair:**

- After re-assembly of the Brake Pads and Brake assembly, be sure to: **prime the brake pads to apply pressure back on the brake pads before re-installing wheels and driving vehicle! You may experience an initial delay in brake pressure/application if this is not done!**