

TOOL USE INSTRUCTION

RIVIAN

TOOL NUMBER

TSN01542-100-A

TITLE

BRAKE ROTOR MEASURING CALIPER

REV - DATE

REV A - 11/08/2024

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TOOL FUNCTION

MEASURING ROTOR THICKNESS



OVERVIEW

SPECIFICATIONS

Manufacturer – Fowler

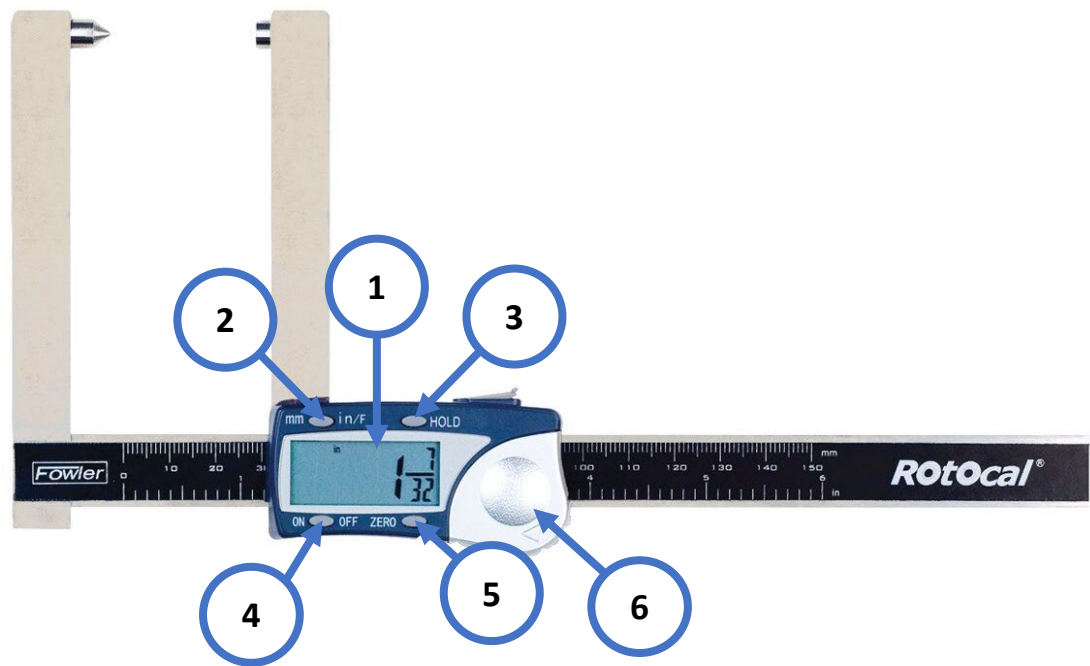
Name - Rotocal Electronic Rotor Gage

Model No. – 74-150-006

Replacement Battery – CR2032

OTHER TOOLS REQUIRED

Electronic Parking Brake Release – Kit - TSN00547-300-C



ITEM	DESCRIPTION
1	Display Screen
2	Toggle between units
3	Keeps current reading on display
4	Turn calipers on and off
5	Set the display to zero
6	Battery door



WARNING



Do not perform procedure if tool is damaged or missing parts
Consult the Rivian Service Tool Catalog for replacement components
Failure to follow guidelines outlined in this document could result in
property damage, serious injury, or death

1

Digital calipers are precision measuring instruments. Avoid dropping, bending or damaging them in any way to ensure proper readings.

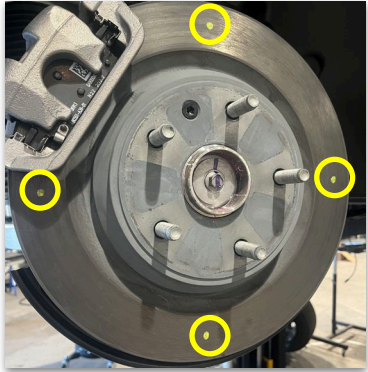



INITIAL SETUP

1	<p>Brake rotor measurements should be taken with the wheel removed.</p> <p>* Follow standard Rivian procedures for safely lifting the vehicle and removal and replacement of wheels.</p>	
2	<p>Release the parking brake using the Electric Parking Brake Release tool (TSN00547-300-C)</p>	
3	<p>Remove calipers from case. Turn the calipers on and ensure they read zero when full closed.</p>	



TOOL USE INSTRUCTION

4	<p>Choose four points 90 degrees apart along the center of the rotor's swept area.</p>	
5	<p>Use the brake rotor measuring calipers to find and record the thickness of the rotor in those 4 places and any visible low points or deep grooves.</p> <p>* It will be necessary to rotate the rotor to a point where access to both sides is available to take an accurate measurement.</p>	
6	<p>If any measurement is below the minimum required thickness, the rotor needs to be replaced.</p> <p>*Minimum rotor thickness for each vehicle can be found in the Rivian Service Manual.</p>	



MAINTENANCE

TASK	FREQUENCY
Ensure calipers are free of moisture and/or chemicals prior to storage	After every use
Store calipers in main technician tool box in case provided	After every use



SERVICE & REPLACEMENT COMPONENTS

FOR OTHER ITEMS NOT SHOWN, CONTACT RIVIAN SERVICE TOOL ENGINEERING

ITEM	DESCRIPTION	SUPPLIER + PART NUMBER
1	Battery	CR2032



TROUBLESHOOTING

PROBLEM	SOLUTION
Calipers do not turn on	Check that there is a battery installed and it is not dead.
Display does not read zero when full closed.	With calipers in the fully closed position, press and hold the zero button until the display reads zero.
Display reads erratically or incorrectly.	Try a fresh battery. If this does not correct the issue, contact Service Tooling

REVISION LOG

REV	DATE	CHANGE DESCRIPTION
A	11/08/2024	Initial release

