

	GROUP <b>Chassis</b>	MODEL <b>All Applicable Models</b>
	NUMBER <b>PS675</b>	DATE <b>August 2020</b>



## TECHNICAL OPERATIONS

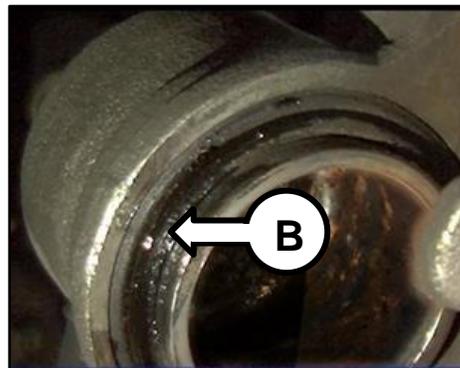
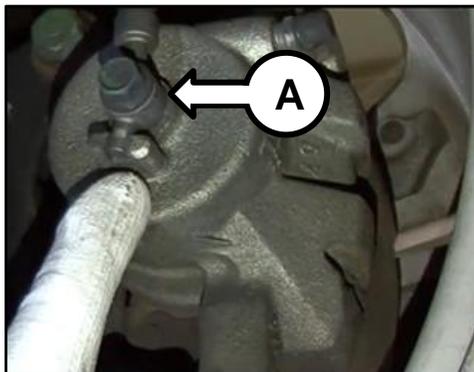
### SUBJECT: BRAKE CALIPER LEAK INSPECTION

This Pitstop provides information related to a brake caliper fluid/oil substance found on some Kia vehicles, due to possible excess assembly oil applied during assembly. When diagnosing, the oil may be confused with brake fluid leaking, as they both have similar color and appearance. It is important to determine if the substance is excess assembly oil or brake fluid. To properly determine which substance is present, inspect the oil/fluid using the required process and items shown in the table below.

#### Required items:

Cotton Swab	Sheet of Paper	Oil/Water based pen
		

- Confirm where the suspected leak is originating from.
- If a leak appears from the eyebolt (A), replace copper gaskets, torque to specification and test for leak.
- If the oil appears to be from the caliper piston or piston boot (B), proceed to page 2.

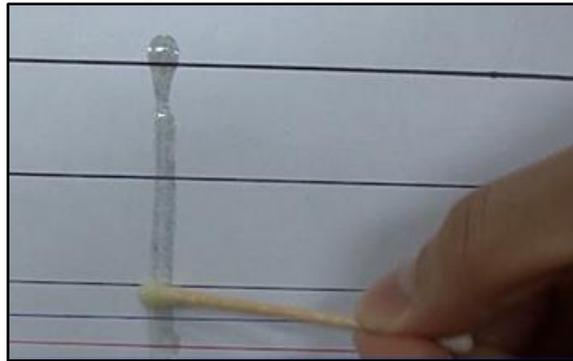


## Inspection Procedure:

1. Obtain a large oil sample using the cotton swab from the suspect area.



2. With the oil or water based pen, draw multiple lines going across the sheet of paper.
3. With the cotton swab containing the oil sample, wipe the fluid across the pen marks.



- A. If the pen ink smears it can be determined that the leak is brake fluid. Refer to the applicable repair procedure chapter in the applicable Shop Manual on KGIS.
- B. If pen ink does not smear it can be determined that the substance is excess assembly oil. Proceed to wipe clean any excess assembly oil using a clean shop towel.

