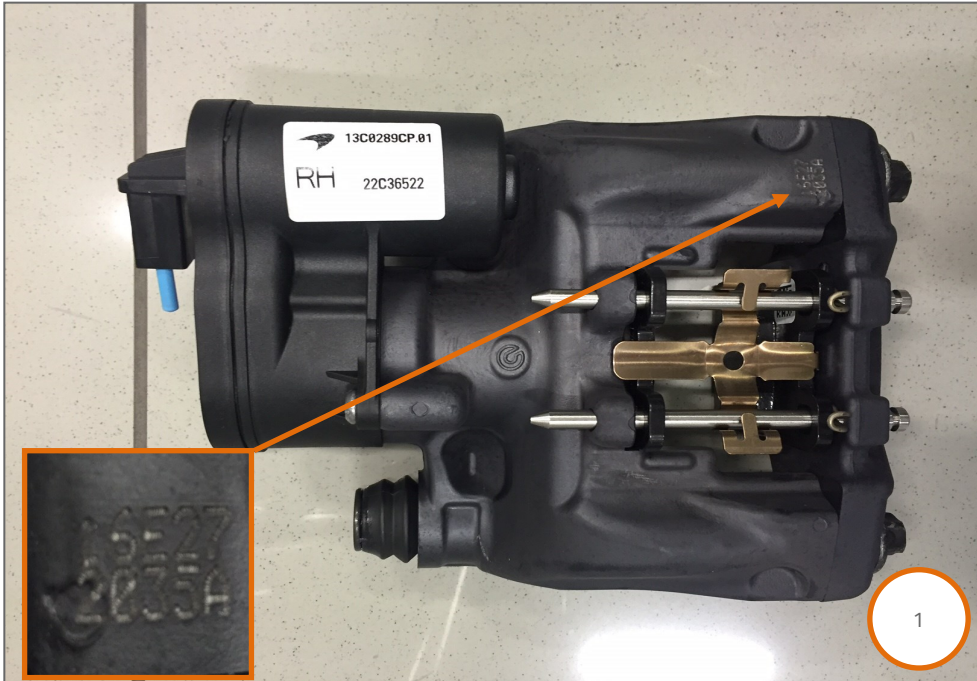


SERVICE CAMPAIGN BULLETIN

TITLE:	Electronic Park Brake (EPB) Caliper Date Code Check
CAMPAIGN REFERENCE:	047
DOCUMENT NUMBER:	13 C 001
AFFECTED VEHICLES:	Sports Series
SITUATION:	<p>Quality Engineering at McLaren have been informed by the EPB caliper Supplier, that a batch of calliper assembly bolts may have torque relaxation over time.</p> <p>McLaren has not had any reported failure to date.</p>
PROCEDURE:	<p>Check the date code stamped on the Electronic Park Brake (EPB) Caliper.</p> <p>The information below details the date code structure.</p> <p>16 = Year B = Month (February) 19 = Day</p> <p>McLaren Warranty will auto issue the anti tamper socket that is required to remove and install the bolts, free of charge.</p>

Caliper Date Check

1. Check the date code on both EPB calipers (1). With the aid of a mirror the code can be checked with the wheels fitted.
2. If the date code is **16B20** or higher then no further action is required. Return the vehicle to the customer.
3. If the date code is **16B19** or lower then proceed to caliper bolt replacement.



Caliper Bolt Replacement

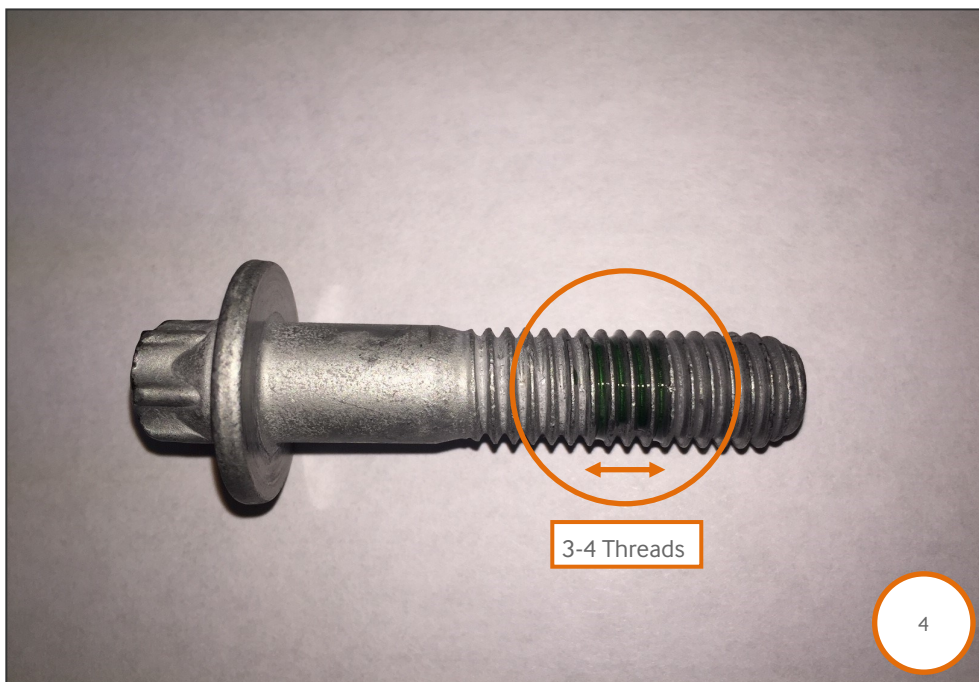
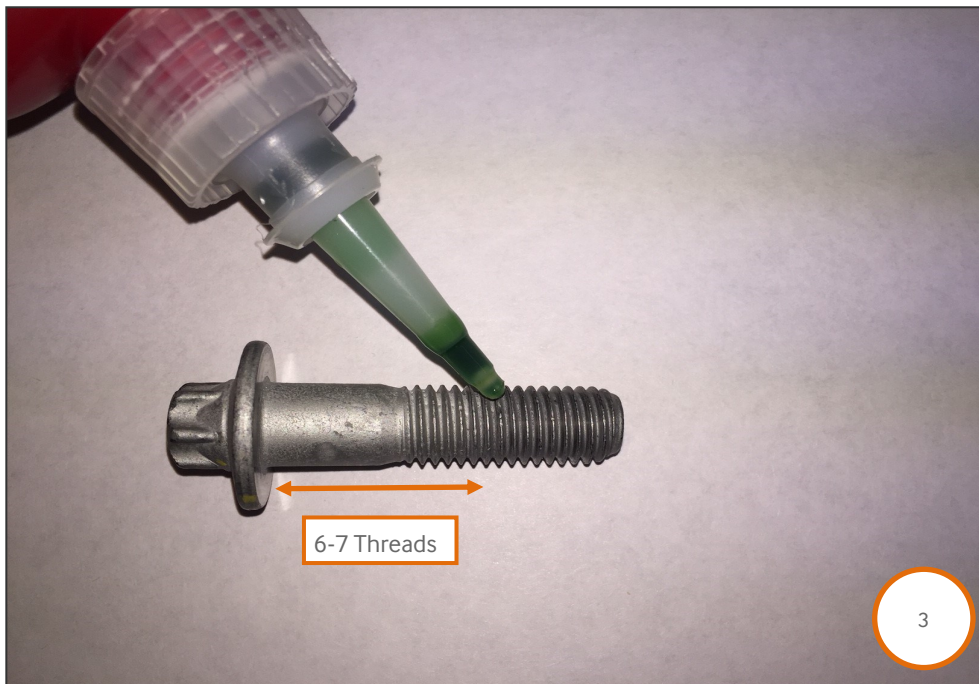
Care Point: The caliper bolts must be replaced one at a time.

4. Remove one or both rear wheels as required according to the date check.
5. Remove one caliper bolt (2) and discard.



Care Point: The bolt shown is for illustrative purposes only and is not representative of the actual bolt.

6. Count 6-7 threads up, from the head of the bolt (3), and then apply Loctite 270 to cover 3-4 threads (4).



7. Install the new bolt and torque to 95Nm.

8. Remove the other bolt and repeat steps 5 to 7.

9. Install components in reverse order.

Warranty Information: Claim 0.25 hours as an additional cost, for replacing the bolts on one caliper. Claim 0.40 hours as an additional cost, for replacing the bolts on both calipers.

WARRANTY INFORMATION

DESCRIPTION	RESOLUTION CODE	TOTAL REPAIR TIME
EPB Caliper Date Code Check	CDCD0101A24O9902	0.10

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY	ORDER PROCESS
Caliper Bolt	13CA022CP	2 per caliper if required	Unipart

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