

Technical Bulletin



DP02	TB0045-2012	Élan Technologies	
From:	Billy Waits		
Subject:	LOWER STUD, REAR UPRIGHT	Date:	MARCH 24th, 2012

Attention all Elan DP02 teams

Élan Motorsports was informed during the Sebring event of two instances where the lower stud (part number 97-D-0019R) on rear uprights had become loose and backed out. In addition there was one reported failure of the stud itself.

These components have been in the current specification and configuration since 2008. The failures seen at Sebring appear to be isolated incidents as there have been no reported failures until that point.

We ask that the following installation process be performed on each vehicle prior to the next event.

- 1) Remove lower stud and inspect for damaged threads, deformation of the underside of the hex portion and bending of the stud. Replace stud if any abnormalities are present. We recommend replacing the stud each year or after any substantial crash.
- 2) Inspect the bottom of the upright for damaged threads, deformation of the counterbored section and flatness of the bottom surface. Replace upright if any abnormalities are present.
- 3) Fully clean both the stud and upright threads. Let dry.
- 4) Install the lower stud with red 271 Loctite. Torque the stud to 200 pound feet.

We ask that teams please continue to notify the Elan Motorports Engineering team of any loose lower studs. We will continue to investigate possible causes as well as any reported incidents.

** Note: The same preparation attention should be performed on the front wishbone, lower pickup stud (part number DP02-30-045).

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