

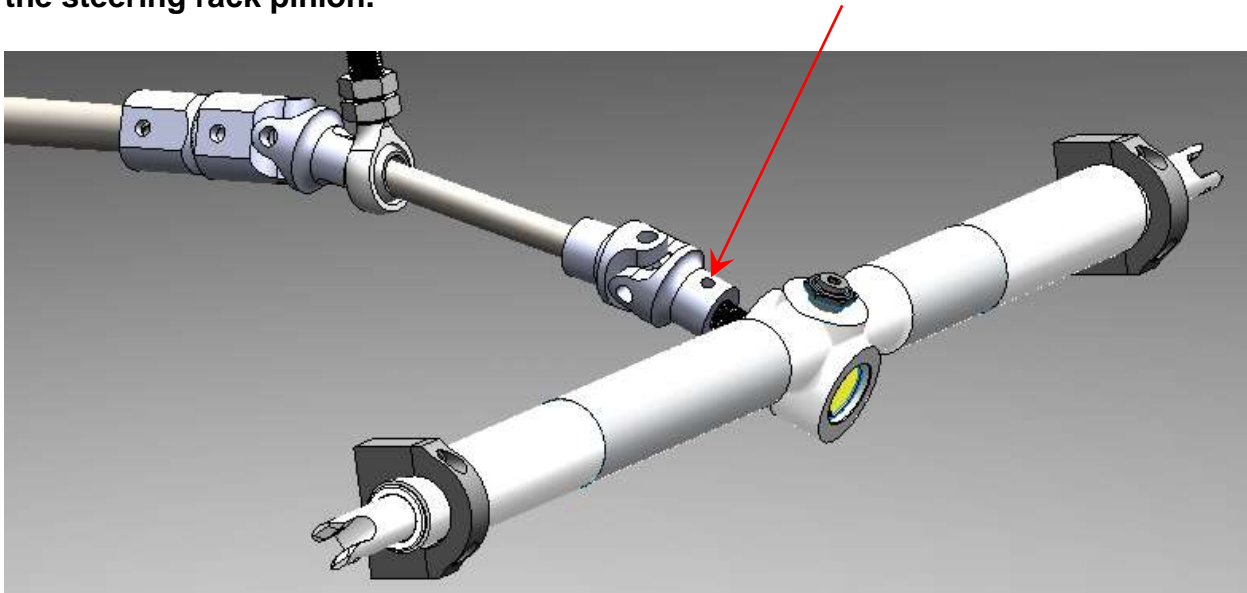
# Technical Bulletin



<b>NP01</b>	<b>TB0009-2016</b>	<b>Élan Motorsports Technologies</b>	
<b>From:</b>	<b>Robert Lindsey – Project Engineer, NP01</b>		
<b>Subject:</b>	<b>Steering Column Bolt Installation</b>	<b>Date:</b>	<b>15 Feb 2016</b>

Attention all Élan NP01 customers:

It is of critical importance that the steering system be installed correctly and tightly. The most critical location is the set screw which retains the lower U-joint onto the steering rack pinion.



Proper installation procedure:

In order to ensure the fastener is seated properly: First, back the jam nut safely from the U-joint. Place an allen key into the set screw and tighten it until resistance is felt. Slide the U-joint back and forth on the pinion while adjusting the set screw to maintain contact with the pinion. Find the position where the set screw fits the deepest into the joint which will indicate that the screw is correctly engaged with the pinion groove. Tighten the set screw in this location to a torque of 14 ft-lbs with the application of blue Loctite. At this time the jam nut may be tightened to ensure the set screw does not vibrate loose.

The installation of this screw should be checked upon installation, and regularly as part of a typical nut/bolt check (which should be performed before each track event including receipt of a newly constructed car).

Any questions can be directed to:  
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