



TECHNICAL BULLETIN, Adjustable Headtube Angle Headset

Bulletin #: MY24-003  
Date: August 26<sup>th</sup>, 2024

**Subject: Adjustable Headtube Angle Headset REV D Bushing**  
**Models Affected: 2024 Alpine Trail 1, XR, XR AXS & 2024 Alpine Trail E1 & E2**

To: All Marin Bikes Authorized Dealers,

The first production of 2024 Alpine Trail and Alpine Trail E models were assembly with a revision C (REV C) IGUS bushing, which a key part in our new adjustable headset design. (see figure 1)

In some riding conditions and assembly torque combinations this REV C IGUS bushing can crack; resulting in a stiff steering and or headset play. The correct part that should be used is REV D. This part is reinforced with a thicker wall section and tighter fit to the 1.5" lower bearing.

Marin has prepared replacement REV D IGUS parts for all bikes in the market and will ship them to you free of charge. To get the parts please contact your local Marin warranty manager or sales representative. Marin will then ship you, at no cost, the part(s) needed to ensure happy bike riders.

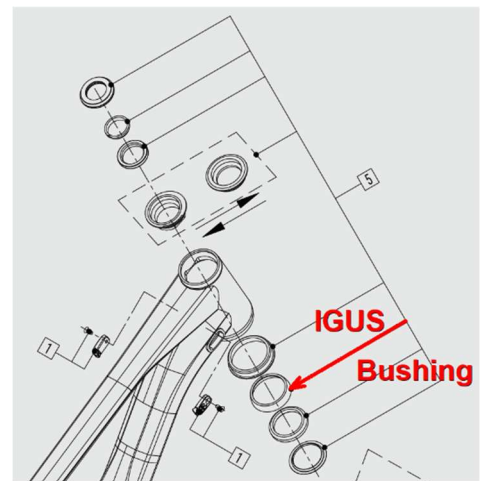


Figure 1

To identify the REV of the IGUS part in your bike please follow these steps:

1. Remove fork from the bike
2. Remove the IGUS part from the headset assembly
3. Clean the bearing and IGUS part, there are several ways to compare and confirm:
  - a. Compare Wall Thickness
    - i. REV D is thicker, it has a wall thickness that is 0.2mm larger than REV C

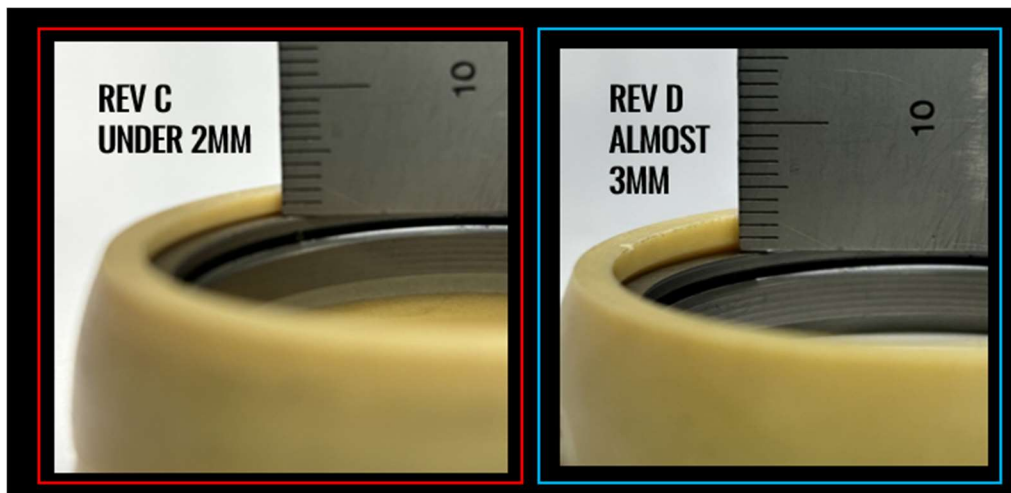




- b. Check IGUS to Bearing Fit
  - i. REV C the bearing will sit deeper, in REV D it will be flush with the bottom surface



- c. Check the distance from the top of the bearing to the top of the IGUS part
  - i. The top edge of REV D IGUS is taller just under 1mm



- 4. Re-install the headset assembly with the REV D IGUS part
- 5. Torque top cap to 5-6 Nm and align bar/stem to fork and tighten the stem to the correct bolt torque specification

If you have any questions, please contact your Marin warranty manager.

Best Regards,  
The Marin Bikes Team