



Technical Service Bulletin – 010

DB COIL IL Rebound piston orientation

Rev01 – 1/4/17 - Mike M

File location: \\Bluetail\Engineering\Technical Service Bulletins

File Name: TSB010

Revision	Description	Author	Date
01	First Release	MMc	1/4/17

Overview

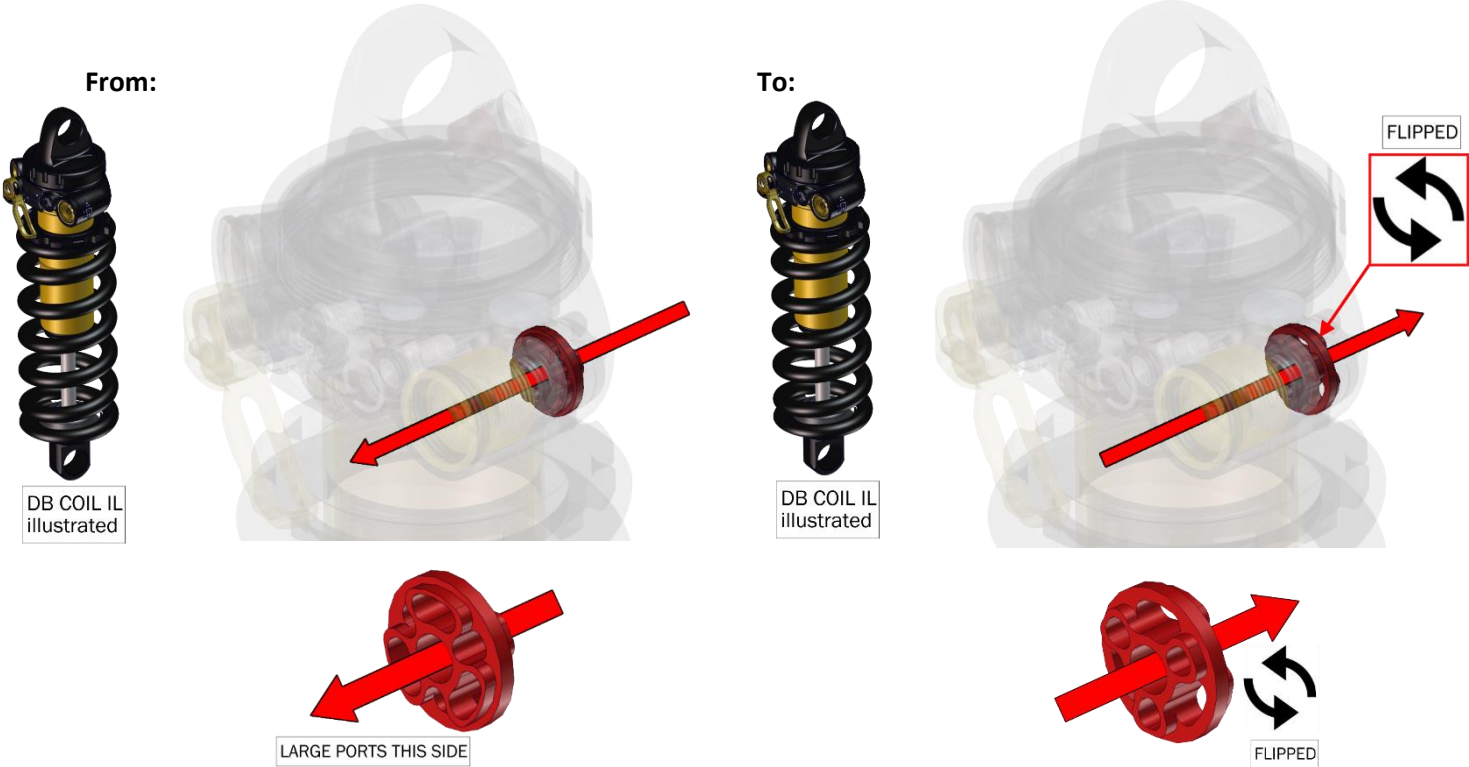
In early 2017 Cane Creek implemented a change in the rebound piston orientation. We found by flipping the piston we can create a tune that provides greater rebound damping force and in turn providing a performance upgrade.

Scope

All DB Coil IL built on or after January 1st 2017 will receive this change.

Solution

For new builds of DB COIL IL Cane Creek will flip the rebound piston during assembly of the HSR adjuster.





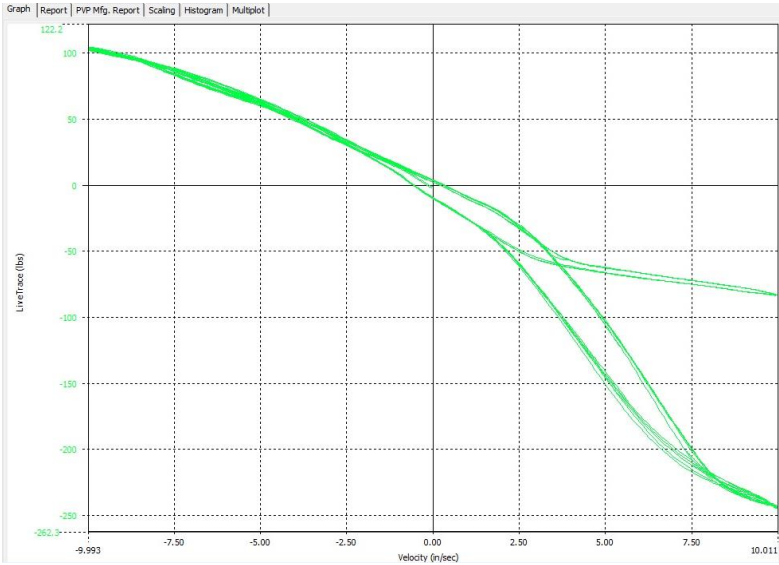
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DB COIL IL **BEFORE** performance upgrade

Below is a graph of the HSR circuit with the HSR adjuster all the way out. The high speed break occurs at around 3 in/sec at about 60lbs of force. Turning the adjuster all the way in causes a break at around 7 in/sec and at about 225lbs of force.



DB COIL IL **AFTER** performance upgrade

Below is a graph with the piston flipped. The HSR all the way out has a breaking point at 5 in/sec and at about 100lbs of force. When turning the HSR circuit all the way in the force is still building at 10in/sec and breaks later in the graph at 350lbs +

