

Subject	High Capacity Frog-6 and Frog-9
Issue Date	31 June 2009
Number	01/09 – R000

## 1. Scope

To inspect the seat dampers located behind the seats, and attached to the central column assembly.

## 2. Background

A report has been received by Reflex Marine Ltd. that during a pre-operational check on a Frog 6 it was found that one of the seat dampers had rotated.

This caused the top and bottom clevis' to start unscrewing from the hydraulic damper assembly.

As the disengagement of the hydraulic dampers may impair the performance of the Frog's suspension system, particularly if operating in harsh weather conditions, we are recommending that operators carry out pre-use inspection of these components.

## 3. Action Required

During pre-operational checks the seat dampers are to be visually inspected to ensure that the top and bottom clevis are not becoming unscrewed from the cylinder end or rod end of the seat dampers.

Any unscrewing of the clevis can be confirmed by ensuring that no thread is visible between the clevis and the cylinder or rod. See attached photos of the top and bottom clevis in the fully assembled position.

If any thread is visible, it will be necessary to remove the clevis and clean the male and female thread with a non-residual cleaner to remove all grease, oil and dirt. After cleaning, apply Loctite 290 in accordance with the manufacturer's instructions and refit the clevis.

The clevis must then be tightened to the end of the thread, and the left for the period recommended by Loctite to allow the bond to set, before returning it to service.

