

# Inverted Shock's Maintenance

Inverted shock absorbers are designed for racing and they are mainly made of metal materials in order to increase structural rigidity for safety and extend oil seals' life. This product might be prone to creating some unusual sound after a certain period of usage. How long or how short the unusual shock noise lasts depends on what amount of operation made by each driver. In general, Rally Gravel or Rally Snow inverted suspensions is more prone to having shock noise than ones for drift or street use.

Please carry out the following maintenance steps when you find shock noise.

1.	Remove each component of shock absorbers such as top mounts, springs, locking brackets, lower mounts etc. (pic 1)
2.	Unscrew the nut on the bottom of the shock with a pneumatic tool, and then remove the shock out of the shock body. (pic 2)
3.	Remove the oil seal out of inner shock body (A) and clean it with a clean rag. Use stain-removing oil or volatile liquor to clean lubricating oil or depositions present on part A, B, C and D. Grease part B and C with a stick that is covered with lubricating oil (pic 3). Afterwards, grease the oil seal and put it back on the part A. Note) Do not use gasoline to clean each component mentioned above
4.	Clean the shock with a clean rag. Note) Do not use stain-removing oil or volatile liquor to clean the whole shock to prevent from damaging the oil seal because there is oil seal built-in the shock.
5.	Insert the shock into the shock body and then remove it out of the shock body to examine if the lubricating oil on the shock is smeared evenly.
6.	Once all maintenances are completed, install all components in reverse step. Use a pneumatic tool to screw the nut (E) back to the shock with anti-loose glue to fix it.

