



## Aftermarket Solution for the Smooth Operation of Sun Visors

**Application: Sun Visor**

**Location: UK**

### Challenge

Interior automotive components often require a lubricant to reduce noise and control motion in order to improve the functionality and perceived quality of the design. An Automotive OEM had an aftermarket issue with their sun visor design. The tight tolerances in the visor generated a great deal of friction between the sun visor bracket and the metal retaining cylinder and spring. In order to move the visor, passengers needed to exert excessive force which was causing premature wear to the plastic components. The tight tolerances were also creating a creaking noise that was unpleasant for the driver. The OEM needed a plastic-compatible, low odor grease to make the sun visor both easier and quieter to open.

### Solution

NYOGEL 774L is a silica thickened, light viscosity, synthetic hydrocarbon grease that prevents wear in lightly loaded applications. This grease is compatible with most plastics and elastomers and possesses good stay-in-place properties due to its low oil separation. NYOGEL 774L has a non-offensive odor to accommodate the proximity to driver.

### Results

The OEM was sent a sample of NYOGEL 774L, a light viscosity grease from our line of motion control greases. After applying a sample of the

### Advantages

Eases motion and eliminates noise

Non-offensive odor

Stays in place

# CASE STUDY

grease to the bracket/retaining spring of the sun visor, it required much less force to move and the creaking noise was eliminated. NYOGEL 774L was supplied in a syringe for easy repairs and hand-held dispensing. The OEM was so satisfied with its performance that they issued a service bulletin to aftermarket dealerships recommending the use of NYOGEL 774L for their s