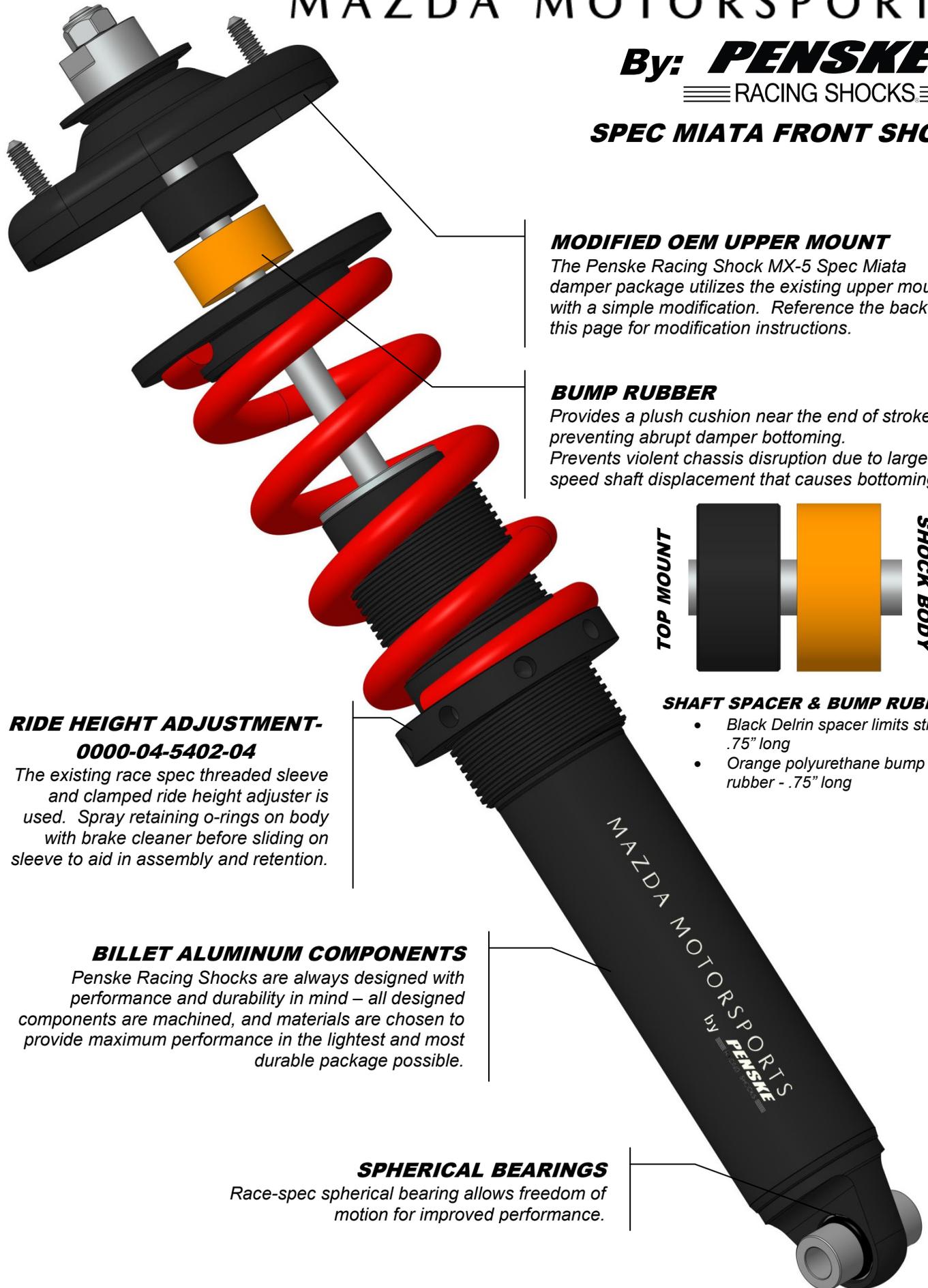


MAZDA MOTORSPORTS

By: **PENSKE**

≡ RACING SHOCKS ≡

SPEC MIATA FRONT SHOCK

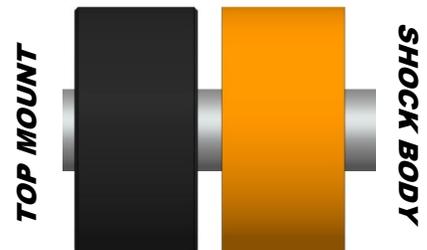


MODIFIED OEM UPPER MOUNT

The Penske Racing Shock MX-5 Spec Miata damper package utilizes the existing upper mount with a simple modification. Reference the back of this page for modification instructions.

BUMP RUBBER

Provides a plush cushion near the end of stroke, preventing abrupt damper bottoming. Prevents violent chassis disruption due to large high speed shaft displacement that causes bottoming.



SHAFT SPACER & BUMP RUBBER:

- Black Delrin spacer limits stroke - .75" long
- Orange polyurethane bump rubber - .75" long

RIDE HEIGHT ADJUSTMENT- 0000-04-5402-04

The existing race spec threaded sleeve and clamped ride height adjuster is used. Spray retaining o-rings on body with brake cleaner before sliding on sleeve to aid in assembly and retention.

BILLET ALUMINUM COMPONENTS

Penske Racing Shocks are always designed with performance and durability in mind – all designed components are machined, and materials are chosen to provide maximum performance in the lightest and most durable package possible.

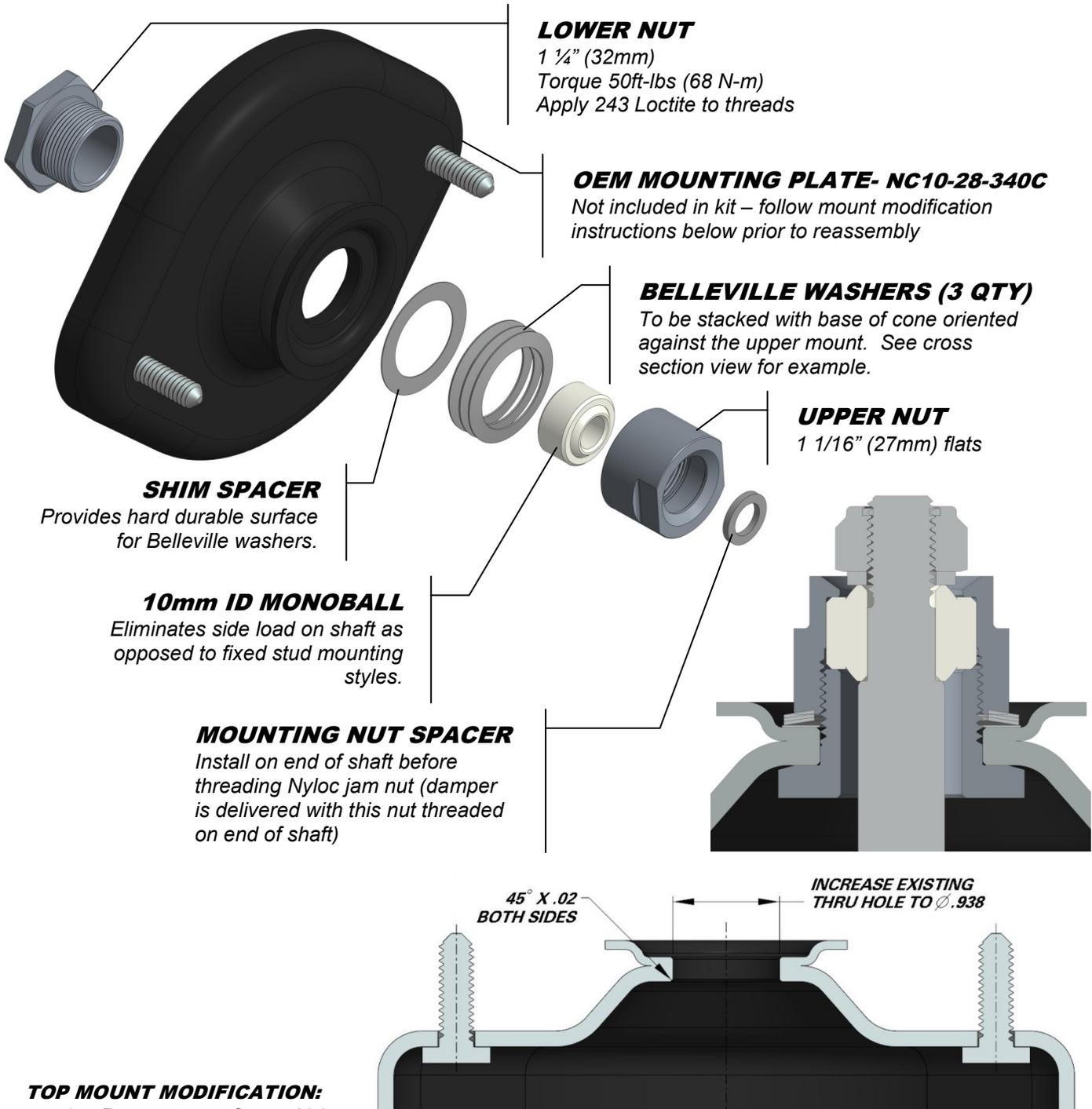
SPHERICAL BEARINGS

Race-spec spherical bearing allows freedom of motion for improved performance.

MAZDA MOTORSPORTS

By: **PENSKE**
RACING SHOCKS

MX-5 SPEC MIATA FRONT SHOCK



TOP MOUNT MODIFICATION:

1. Remove mount from vehicle
2. Secure mount to table of drill press/mill
3. Using high speed step drill bit & cutting fluid, enlarge existing thru hole to $\text{Ø}.938$ (15/16"). (Step drill can be purchased from any industrial supplier such as McMaster-Carr, MSC, Grainger, etc.)
4. Chamfer/deburr hole edges
5. Assemble mounting components as specified above
6. Re-install into vehicle

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