

# MAZDA MOTORSPORTS

By: **PENSKE**  
RACING SHOCKS

## **SPEC MIATA REAR SHOCK, P/N: 0000-04-5276-TB (COILOVER VERSION)**

### **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 information)

### **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.

### **SPRING ISOLATOR**

MAZDA P/N: 0000-04-5900-IS

TOP MOUNT



SHOCK BODY

### **SHAFT SPACER & BUMP RUBBER:**

- Stainless steel shim, PENSKE P/N: VW-SM-BR, Provides uniform surface for bump rubber contact - .030" thick
- Orange polyurethane bump rubber, PENSKE P/N: BR-SM-R, 0.50" long

### **RIDE HEIGHT ADJUSTMENT**

Knurled locking collar provides positive, tool-free adjustment  
Spring Guide, PENSKE P/N: RH-250-SLEEVE-S  
Ride Height Adjuster, PENSKE P/N: RH-84250  
Lock-nut, PENSKE P/N: RH-84-NUT

### **OPTIONAL BOLT-ON MEASUREMENT COLLAR**

Provides repeatable measurement point to assist with car setup  
PENSKE P/N: RH-7600LOCKNUT

### **BILLET ALUMINUM COMPONENTS**

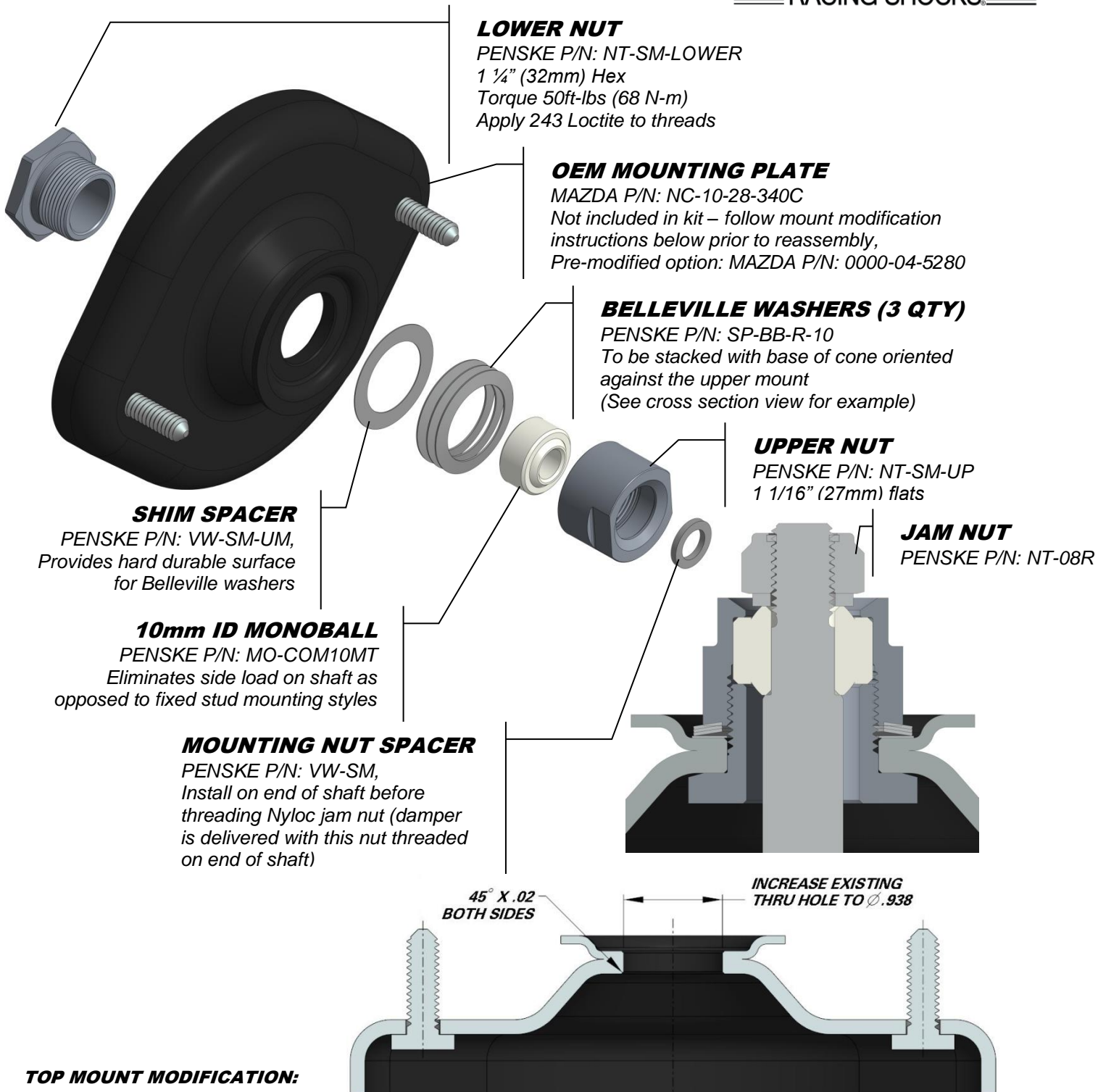
Penske Racing Shocks are always designed with performance and durability in mind – all designed components are machined, and materials are chosen to provide maximum performance in the lightest and most durable package possible.

### **SPHERICAL BEARING**

Race-spec spherical bearing allows freedom of motion for improved performance,  
Spacer, Qty2, PENSKE P/N: BU-SM

# MAZDA MOTORSPORTS

By: **PENSKE**  
RACING SHOCKS



## 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

**PENSKE**  
RACING SHOCKS  
150 FRANKLIN ST • P.O. BOX 1056  
READING, PA 19602  
(610) 375-6180 • (610) 375-6190 FAX