

PERRIN

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PERRIN EVO 7-10 Positive Steering Response System

Thank you for purchasing the PERRIN Positive Steering Response System (P.S.R.S.) Installation of these components should only be performed by persons experienced in the installation and proper operation of Mitsubishi suspension systems. The Mitsubishi factory service manual is required for proper torque and alignment specifications.

SPECIAL NOTES:

- The use of a factory service manual is highly recommended. These can be purchased, or downloaded online.
- It is critical that all bolts and nuts are tightened, improper tightening can cause serious injury or death.
- A hydraulic press is needed to remove and install PSRS.
- A four wheel alignment is required upon completion of installation. The vehicle must be towed to alignment shop. If car cannot be towed, take extreme care while driving to alignment shop. Have your alignment scheduled ahead of time.

Parts Included with the PERRIN EVO PSRS:

- (2) PERRIN EVO PSRS Bodies
- (2) Tall SS spacers
- (2) Medium SS spacers
- (2) Short SS spacers

Checked By _____

EVO PSRS INSTRUCTIONS:

- 1) Raise vehicle onto jack stands or use commercial vehicle hoist. NOTE: NEVER WORK ON A VEHICLE SOLELY SUPPORTED BY A JACK!
- 2) Starting on one side of the vehicle, loosen and remove 14mm bolt holding lower ball joint to steering knuckle. Remove (2) 14mm bolts securing sway bar mount to control arm. Cars with Aero package need to have brake duct diverter removed also.
- 3) Loosen and remove 17mm bolt and nut securing rear of control arm to sub frame. Remove (2) bolts holding endlink mount to arm.
- 4) Loosen and remove 17mm bolt securing front control arm bushing to sub frame and remove control arm from car. It helps to have one more person to hold the steering knuckle out of the way as it is removed.
- 5) With control arm removed, using factory Mitsubishi tool, or using proper sized die, press OEM bushing out of control arm.
- 6) Install PERRIN PSRS from bottom of control arm (So logo is readable from bottom) and make sure to line up the "axis" lines with the front control arm bushings.



- 7) With a proper press, press PSRS into control arm making sure not to press on bearing part of PSRS.

- 8) Before installing arm back into car, EVO 10 customers will have to remove some material on sub frame. Using a die grind tool to remove the material as shown before.



EVO 10 Shown above, EVO 8 and 9 customers do not have to remove material from sub frame but rather from chassis or control arm.

- 9) Install SS bushings into PSRS making sure to put the medium spacer on bottom and taller spacer on top. While holding spacers install control arm back into car. At this time decided weather to install short SS spacer on bottom (ZERO Anti-lift) or top (Added Anti-lift)
- 10) Loosely install bolt through front control arm bushing, and then bolt through rear. Using a prybar will help to align arm with boltholes in sub frame.
- 11) Tighten both 17mm bolts to 81-ft-lbs, and tighten 14mm bolt securing steering knuckle to ball joint to 40ft-lbs.
- 12) Install and tighten endlink bracket bolts to 30ft-lbs each.
- 13) Repeat steps 2) through 12) on opposite side.
- 14) Double check tightness of all hardware and connections.
- 15) Lower vehicle from jack stands.

Test-drive vehicle carefully. Listen for any new noises from rear suspension. If noises are noted raise vehicle again and check installation.

For questions & comments please contact
TECH@PERRINPERFORMANCE.COM
503-693-1702
AIM contact ALTAPERRINSALES