



GAS PRESSURE INSTRUCTIONS & SETTINGS

QUICK AND EASY ADJUSTMENTS!

- Integra Shocks utilize a Schrader Valve for nitrogen charging, which means you can make adjustments at a moments notice.
- No complex tools or equipment needed to make adjustments - you can make them right at the track whenever needed.

INSTRUCTIONS FOR SETTING GAS PRESSURE IN INTEGRA 4000 SERIES MONO TUBE SHOCKS

Integra shocks are pressurized through the Schrader Valve that is located on the body or the canister by using the [Integra 310-30310 inflation unit](#). Before starting the procedure, make sure the shock is fully extended.

1. Back the wing nut all the way off (counter clockwise) on the inflation tool before screwing the unit on to the Schrader valve.
2. Tighten the hex-nut coupler on to the Schrader valve. Do not over-tighten, or damage may occur to the valve or unit.
3. Turn the wing nut clockwise until it stops. This will push in the valve core of the Schrader valve and allow gas to enter the shock.
4. Pressurize the shock to the desired pressure through the valve stem on the inflation unit.
*****use nitrogen gas only*****
5. Back the wing nut all the way off (counter clockwise) on the inflation unit.
6. Remove inflation unit from the shock.

*** You may hear a small amount of gas escape when the unit is removed from the shock. If the wing nut was completely backed off, this is gas that was stored in the unit and will not affect the setting. ***



Gas pressure changes can be a major tuning tool when adjusting on your race car, but may also hamper your advancements if adjustments are made in the wrong direction. Be sure to think your adjustments through in order to obtain the best scenario for each track condition you encounter.

! All Integra shocks are shipped without gas pressure !

Quick Tuning Guide

For Stealth Series shocks, gas may be dropped to 25 PSI less than the recommended settings to enhance driver feel in slick track conditions.

EXAMPLE:

310-40194 Shock recommended gas pressure - 75 PSI may be run at 50 PSI without risk of cavitation or performance loss.

Stealth Series shocks may also be run with up to 250 PSI for extreme rough, hooked up track conditions.

Double adjustable shocks may be run from 30 PSI in the slick to 250 PSI in the rough.

Recommended starting pressures:
- 50 PSI -

INTEGRA

SHOCKS & SPRINGS

540 Danforth Street • Coopersville MI 49404
(800) 472-2464
www.integrashocksandsprings.com