

2016 RUSH Pro Mod Shock Rules

SHOCKS: Only RUSH Series shocks by Bilstein may be used in competition at any location on the race car. Only one shock absorber is allowed per wheel. If a shock absorber is used to dampen rear end movement it must be located at minimum 12" from any part of either rear brake rotor and must be chosen from the following list of shock part numbers.

The only Bilstein shock absorber part numbers that may be utilized are listed below. Note: they may be used on any location on the car.

RUSH RF 9-3,

RUSH RF 7-3,

RUSH LB 5-3, CR USA LB 5030, (These two shock part numbers are the identical shock and valving except for the part number.)

RUSH RR 3.5-1.5, CR USA RR 3.5-1.5, (These two shock part numbers are the identical shock and valving except for the part number.)

RUSH LRB 3-6, CR USA LRB 3-6 (These two shock part numbers are the identical shock and valving except for the part number.)

RUSH LR 1.5-7.5

RUSH PB 2-6

Shocks may not be altered in any way; shock shafts may not be shortened nor strategically bent to seek a handling advantage, gas pressure must not have been altered, and no tampering with the pistons, seals, oil, shock body or valve stack is allowed. RUSH competitors agree to willingly relinquish any one or all shock(s) from any position or all positions on his or her race car that comes into question to RUSH Series tech officials for dyno testing and inspection to determine whether it is, or is not, a legal, unaltered shock. Shock(s) confiscated for further testing will be tagged by a numbered wire seal with Bilstein part numbers and wire seals documented on an official RUSH Shock Confiscation form. Competitor must accept from tech officials a shock(s) of the same valving part number in return for the shock(s) relinquished.

If, upon dyno testing and inspection, it is determined that the gas pressure, seals, piston, oil, shock tube, rod, or valving has been altered in any way, the shock absorber will be determined illegal and RUSH published penalties will apply.

Any violation of the RUSH Bilstein spec shock rule or failure to surrender the shock(s) and/or submit the shock(s) for inspection will result in the driver being disqualified for the night's event, loss of all Series points to date, suspended from all RUSH-sanctioned Series competition for 365 days, and fined \$1,000. ALL DECISIONS ARE FINAL.

SPRINGS: Only one spring is allowed per wheel. Progressive rate springs at the suspension locations are not allowed.

One additional spring will be allowed for use in a device used to control rear end rotation; this spring may have a progressive rate.

All coil springs must be 100% constructed from steel, no exotic metal alloys or composite spring technology will be allowed.

Leaf springs may be used in the rear and may be composite material or spring steel.

No torsion bars or airbags are allowed.

No spring rubbers are allowed.

Rear springs must be a minimum of 4.5" i.d. Rear springs may be mounted on a coilover kit and the coilover kit may be made of aluminum or steel, no titanium or composite materials are allowed. Coilover eliminator devices must be all steel in construction.

BUMP STOPS: No bump stops permitted