

# Type-R Expo Official Tech Inspection Form

## Novice, Intermediate, and Advanced Drivers

Please bring this form to the on-site tech inspection at Type-R Expo, which is held during registration in the paddock the evening before the event begins and the morning of the first day of the event. All vehicles that will be on the track will be subject to and must pass the on-site technical inspection.

## Instructors and Staff

You must have another staff member or instructor complete a tech inspection of your car (peer inspection). This form must be completed and signed by yourself and the person completing tech on your car and presented to the safety steward or lead instructor during the on-site tech inspection.

If you have any questions regarding this form, or the requirements to pass this inspection, please contact the event organizer, lead instructor, and/or safety steward for clarification ([safety@itrexpo.com](mailto:safety@itrexpo.com)). Please be mindful of your fellow drivers – any cars that have not gone through tech inspection the evening before the event will be inspected the morning of the event.

Any tech that needs to be completed after the driver's meeting on Wednesday will be subject to staff availability. If this happens there's a good chance you will miss track time.

**PLEASE NOTE:** Each driver must submit their own tech inspection form, even if multiple drivers are using the same car.

The following items (next page) must be in compliance in order to pass the on-site technical inspection. You will place demands on your car that far exceed those encountered in normal street driving. You will be required to repair or replace defective or worn items at your own expense prior to being allowed on the track.

Additional requirements for passing the safety and tech inspection can be found at:  
<http://itrexpo.com/rules.php>

# Type-R Expo Official Tech Inspection Form

Driver Name:

Vehicle Specifics (Make, Model, Year):

Year:

Color:

Car Number:

Run Group (Novice, Intermediate, Advanced, Instructor, Staff):

## **Braking system:**

- fluid is clear (not dirty), flushed within the last 6 months and reservoir is full
- brake pedal is firm
- all brake lights are working
- master cylinder - no leaking fluid or corrosion
- calipers - no leaks
- pads are less than half worn
- rotors show no signs of cracks, discoloration or unusual wear

## **Suspension and steering systems:**

- wheel bearings are tightened to specification
- minimal play in steering linkage
- shocks - no leaks
- bushings and pivot points show no signs of deterioration
- wheels are not bent or cracked
- lugs are tightened to specifications
- tires are appropriate size, type and speed rating for car and adequate tread remains to complete the event

## **Drivetrain:**

- engine supports show no signs of cracks and are secure
- hoses are smooth, tight and firm
- belts are snug and have no cracks or fraying
- coolant system is full
- throttle linkage cables and cranks are functioning smoothly
- battery is secured appropriately
- throttle return springs are working properly
- all wiring is properly harnessed
- clutch functions smoothly without slipping
- axles have no excessive play
- transmission has no leaks and shifts properly
- exhaust is functioning properly
- CV joints have boots in place with no leakage and make no noise
- there are no fluid leaks: oil, coolant, or transmission fluid leaks

## **Driver and Instructor safety:**

- original DOT belts are in good condition for vehicles without approved roll-over protection and stock-type seats or
- a 5 or 6 point harness system in good condition is employed for cars with non-OEM roll-over protection and approved fixed back seats (see safety rules for additional information)
- Seat belts, harnesses, seats, and roll bars/cages are properly secured
- Driver and Passenger seating and restraint systems are identical in design/safety
- If 5 or 6 point harnesses are used, they are not frayed or damaged
- if an optional fire extinguisher is installed, it is mounted securely
- roll bar / cage is in place for open roof cars (roadsters/convertibles/etc), or the vehicle is acceptable based upon the factory provided roll-over protection

## **Other:**

- windshield has no large cracks
- windshield wipers function properly
- left side and rear view mirrors are secure
- optional pedal covers are secure
- center caps are removed from wheels
- body panels are secure
- grounds are secure / attached
- wing/spoiler is secure

**Any special considerations or items not listed above:**

**Inspected by:**

**Title:**

*Driver: By signing this form I understand that I am solely responsible for the condition and suitability of this vehicle for use in this event. I release the inspector, ITR Expo Organizers, ITRCA and track staff /management from any liability arising from a failure of this vehicle for any reason, including the failure of the items listed on this inspection form.*

**Driver:**

Printed Name:

Signature:

Date: