



DRIVING PERFECTION.™

TECH INSPECTION TRAINING

DUTIES

BEFORE SHIFT:

- Set up cones for tech line(s)
- Set up tech banner
- Set up tech signs as appropriate

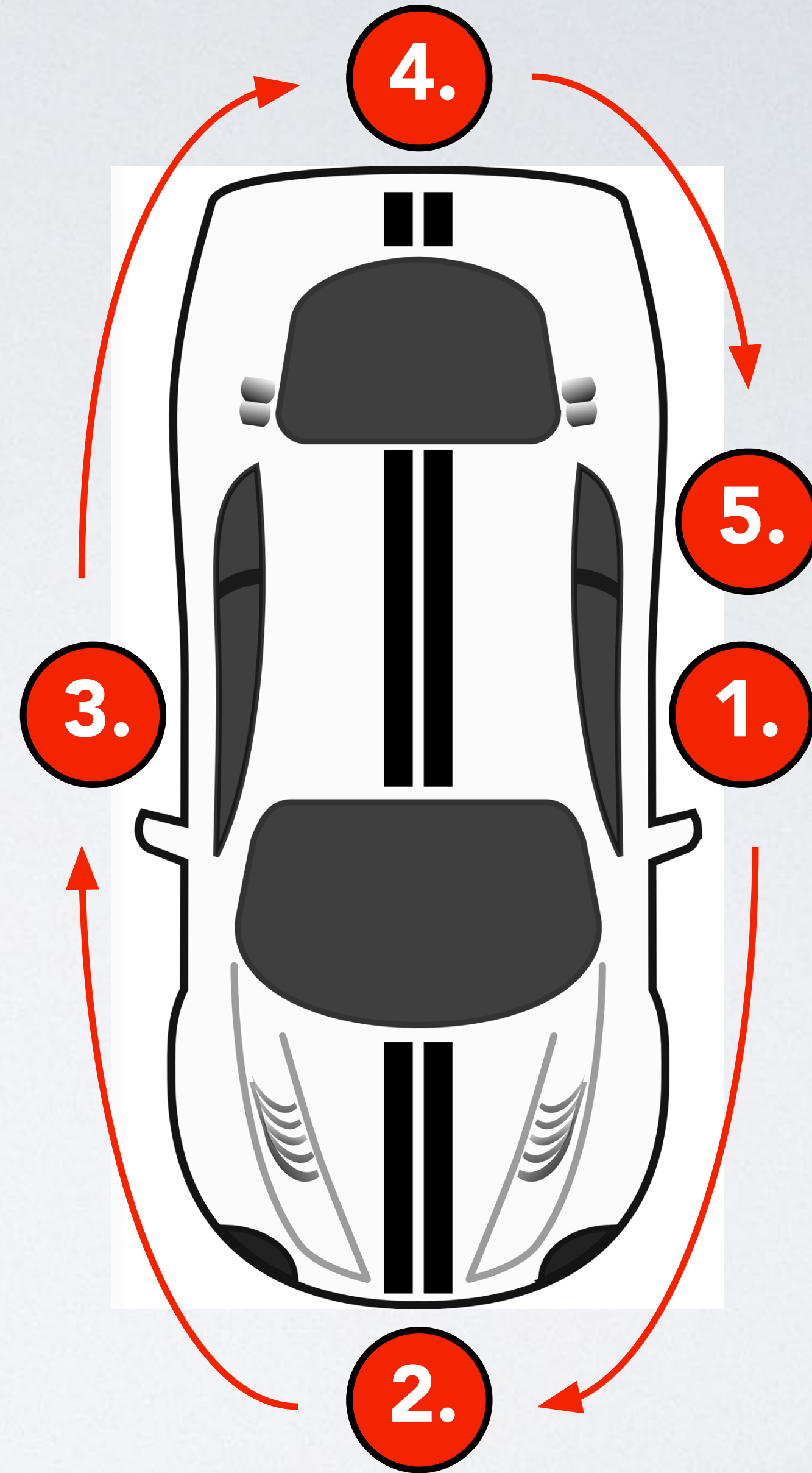
DURING SHIFT:

- Inspects drivers' helmets and issues helmet pass decal
- Inspects drivers' vehicles as they come through the tech line
- Adheres to AutoInterests' inspection guidelines
- Works in an efficient manner
- Is mindful of customer vehicles/paint during inspection

PROCESS

Always start at the driver side door and work your way around the vehicle.

We are **ONLY** checking the items discussed here, do not do in-depth inspections or spend a lot of time on one area.



HELMET

- **SA2015 or newer**
- **No M or DOT only**
- *Full face for convertibles*

*You may need to
look inside the
helmet underneath
the padding:*



Apply helmet decal to driver side of helmet!

PERMITTED:



NO:





HPDE HELMET REQUIREMENT

Updated for the 2024 season

Must be SA2015 or newer. No DOT or M helmets.

SA2015 or newer is REQUIRED.

Absolutely no DOT-only or M-only rated helmets.

If your helmet is not SA2015 or SA2020, you will not be permitted to go on track.

Open face or full face is your choice - both are acceptable as long as it is SA2015 or newer.

A note to those with FIA standard helmets: FIA 8859-2015 helmets are acceptable. FIA 8860 helmets are NOT acceptable as they align to an outdated Snell SA2000 spec.

The ONLY exception to this is for students participating in the half-day Acclimation Program: Any DOT approved helmet with protection for the top and both sides of head is acceptable. However, Snell SA2015 or higher helmets are HIGHLY recommended.

Why the SA rating?

As horsepower ratings on cars go up and tracks are setup to allow more speed it becomes important to upgrade safety equipment. Helmets MUST be SA2015 or newer rated to provide appropriate protection for drivers. There are NO EXCEPTIONS to this.

The SA standard better protects you in the case of an accident within a vehicle, as they were specifically designed for automotive use.

The following information notes the differences between helmet types (found on the Snell Foundation's FAQ page):

The SA standard was designed for competitive auto racing while the M standard was for motorcycling and other motorsports. The K standard was released to accommodate helmets used in karting. There are three major differences between them:

1. The SA standard requires flammability test while the M and K standards do not.
2. The SA and K standards allow for a narrower visual field than the M standard (Some SA and K certified helmets may not be street legal).
3. The SA and K standards include a rollbar multi-impact test while the M standard does not.

For your use, copies of this information sheet will be available at tech inspection.

For drivers with helmets not meeting requirements, they may rent one at Hospitality for \$25/day.

LOOK INSIDE & IN TRUNK

- No loose items!
- Seatbelts or harnesses
- Convertible roll protection
- Roll bars have padding
- Driver has long pants and close-toe shoes

VISUAL CHECK

- **BODY:** no loose body panels (falling off or zip-tied on)
- **TIRES:** have tread, no cords showing, not older than 6 years
- **BRAKES:** pads & rotors in good condition
- **EXHAUST:** not loose or falling down
- Has mirrors, brake lights, & wipers; no windshield cracks which impair vision

CHECK UNDER HOOD

- Anything loose?
- Frayed belts?
- Battery secured?
- Excessive oil or leaks?
- Brake fluid level/clean?
- Any obvious drips or fluid leaks underneath?

PASS OR FAIL?

PASS:

Place initialed & dated sticker on windshield.

Send forward to tech admin to complete check-in and get credentials.

FAIL:

Send back to the paddock to correct issues.

TECH FORM

YOUR RESPONSIBILITIES (PRE-EVENT):

INTERIOR & UNDER THE HOOD

BRAKE FLUID

- Clean, less than 1 year old
- Proper spec (DOT 3, 4, etc.)
- Highest heat rating possible
- Fresh brake system flush/bleed, firm pedal

BATTERY

- is securely mounted with hold down bracket

FUEL LINES

- No leaks, good condition, secured
- Fuel filler neck - secured and no leaks or wetness

THROTTLE LINKAGE (if applicable to your vehicle)

- is smooth, no sticking or play

FLUIDS

- Oil, Coolant, etc. - no leaks & filled to spec

HOSES & WIRES

- in good condition and secure

ENGINE MOUNTS

- are secure with no excess play or damage

FAN/SERPENTINE BELT(S)

- in good condition, no cracks

EXHAUST

- is securely mounted, no severe leaks

EXTERIOR & VISIBILITY

GLASS

- has no severe cracks or scratches inhibiting vision

WINDSHIELD WIPERS

- in good, working condition

MIRRORS

- left hand exterior & rear-view mirror required

BRAKE LIGHTS

- in good working condition

MECHANICAL, SUSPENSION & STEERING

STEERING

- No excessive play in wheel or components
- Properly aligned
- Power steering system: fluid clean, no leaks, and reservoir filled to spec
- Tie-rod ends are tight, no damage or play

BRAKES

Brake Calipers:

- Clear of debris
- Dry/no leaks
- Hoses and lines secure and in good condition

Brake Pads:

- Min. 1/4" thick
- High temp rated pads recommended
- Avoid OE & parts store pads (exc. OE equipped performance vehicles)
- Performance pads that meet vehicle specs are recommended

SUSPENSION

- Struts: firm, no leaks, securely mounted
- Suspension mounting points: secure, no structural damage
- Sway bar end links and bushings in good condition
- Wheel Bearings: tight, no play or binding

WHEELS/TIRES

- 2/32" tread minimum (except race tires)
- Not older than 6 years
- Proper wear pattern and no sidewall cuts
- No cords or belts showing
- Minimum OE rating spec
- Balanced
- No bends/cracks

DRIVETRAIN

- Driveshafts and U joints: secure and no play
- CV joints: secure and not seeping
- Adequate cooling for auto transmissions

AUTOINTERESTS TECH INSPECTION:

The AutoInterests tech inspection at events will serve only as a basic "spot check" of these items:

HELMET

- All participants must wear a helmet
- Helmet must be SA2010 or newer
- No M or DOT ratings
- You are required to select and use an appropriate helmet that fits you correctly.
- Tech Inspection will check that your helmet carries the SA2010 rating, they will not check fitment.

SEAT BELTS/HARNESSES

- Seat belts (factory) or multi-point harnesses are required for all drivers and passengers

COVERTIBLE VEHICLES & ROLL PROTECTION

- Roll protection is required for all convertible vehicles. Factory roll protection is acceptable.
- Roll bars/cages are not required for non-convertibles, but if installed need to have sufficient padding at any possible contact points.

OTHER

- Vehicle number: exists/meets requirements
- Vehicle has been emptied of any loose items
- Battery is securely tied down
- No obvious fluid leaks or loose body panels
- Clothing: 100% cotton shirt, 100% cotton long pants, close-toe lace up shoes