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## Tire Tech Memo - Hypercar Class

DATE: June 14, 2026

To: RallyX Americas Hypercar Competitors

CC: RallyX Americas, TSP

RE: Hypercar Tire Tech Memo

Yokohama Tire will supply tires for the RallyX Americas Hypercar class in 2026. This memo outlines the technical specifications for the Hypercar tire to be used at all events in the 2026 season. This document is informational only and is superseded by any RallyX Americas regulation or bulletin.

### Yokohama ADVAN A054

280/710R18

N3342 / #150113402

Overall Diameter: 707 mm

Tread Width: 261 mm

Section Width: 297 mm

Directional: No

Max. Camber: -3.5 deg

Min. Cold Inflation Pressure: 1.3 bar

Note: Track-specific alternate recommendations will be specified where appropriate.



### Tire Mounting:

- Teams must remove all dirt from wheels, beadlock ring and hardware prior to dropping off wheels for tire mounting. Wheels with dirt packed into beadlock ring and hardware will not be serviced.
- TrackSide Performance will mount the tire and secure the beadlock ring.
  - TrackSide Performance will torque all bolts to 8.1 N-m (6 ft-lb), ~30% of final torque value, checking that the gasket is compressed uniformly.
- Teams are responsible for torquing all hardware to 25.8 N-m (19 ft-lb).
  - It is recommended to torque in a “star” pattern.
  - Teams should follow the bolt tightening sequence defined below:
    - Pass 1: Torque dry threads to 14.9 N-m (11 ft-lb), ~60% of the final torque value, in “star” pattern. If using anti-seize, torque to 12.2 N-m (9 ft-lb)
    - Pass 2: Torque dry threads to 25.8 N-m (19 ft-lb), final torque value, in “star” pattern. If using anti-seize, torque to 20.3 N/m (15 ft-lb)
- Teams are responsible for carrying extra beadlock ring hardware: Hex Head M8-1.25 Grade 8.8 Zinc Plated.
- Use of time-serts or helicoils for repairing stripped beadlock ring bolt threads in the rim are the recommended methods for repair. Teams are responsible for conducting repairs.

Sincerely,

*Tricia Wall*

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