

2014 - 2016 Corvette: GM TechLink: Corvette Competitive Driving Wheel Alignment Tips

Subject: Corvette Competitive Driving Wheel Alignment Tips

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Some 2014 - 2016 Corvette owners may want the vehicle's wheel alignment set-up for track events and competitive driving. (Fig. 11) The vehicle must be returned back to the original specifications after the driving events. Changing the alignment for driving events is not covered under the GM warranty.

Fig. 11

TIP: Using these wheel alignment settings may cause excessive tire wear. Remind customers to only use these wheel alignment settings for track events or competitive driving.

The following track event and competitive driving wheel alignment settings apply to vehicles equipped with the Z51 package, Z06 models and Grand Sport models. When performing the wheel alignment, do not adjust the trim height.

The alignment should be performed by first removing washers between the upper control arms and frame. (Fig. 12)

Z51 – Remove a maximum of one washer per front upper control arm bolt and one washer per rear upper control arm bolt.

Z06 – Remove a maximum of one washer per front upper control arm bolt. Do not remove washers from the rear upper control arm bolts.

Grand Sport – Do not remove washers from the front or rear upper control arm bolts.

Fig. 12

Adjust the lower control arm cam bolts until alignment is within the alignment specifications listed in the appropriate Service Information. The Owner Manual Track Events and Competitive Driving section does not list a +/- tolerance for any of the alignment specs.

Front (per corner)

Caster: +7.0 degrees

Camber: -2.0 degrees

Toe: 0.05 degrees toe in

Rear (per corner)

Caster: 0 degrees

Camber: -2.0 degrees

Toe: 0.05 degrees toe in

Thrust Angle: 0 degrees

- Thanks to Jeff Strausser

Online URL: <https://www.corvetteactioncenter.com/tech/knowledgebase/article.php?id=1282>