

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. **Suspension**
2. **Wheel Alignment**
3. **Repair Instructions**
- 4.

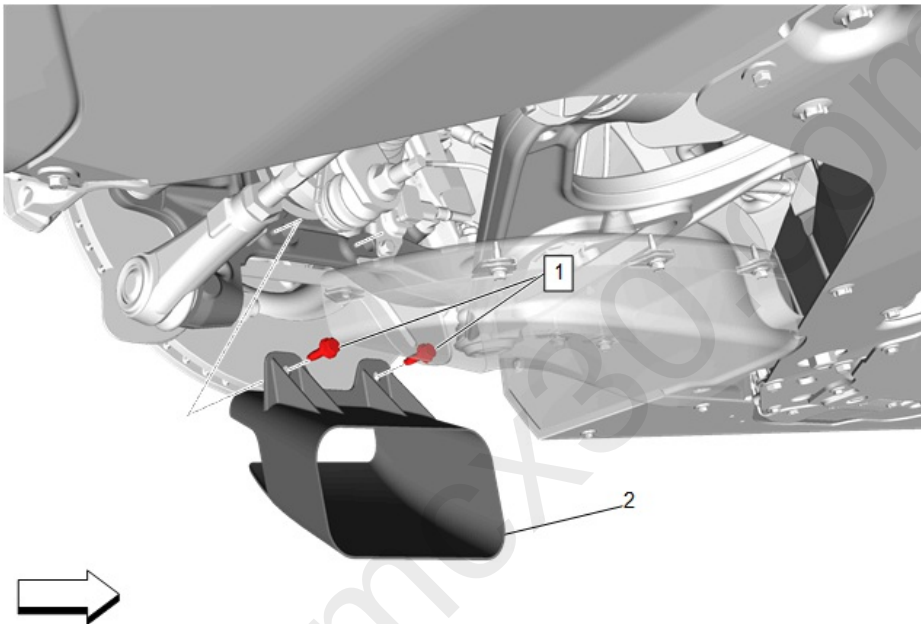
Rear Caster and Camber Adjustment

Special Tools

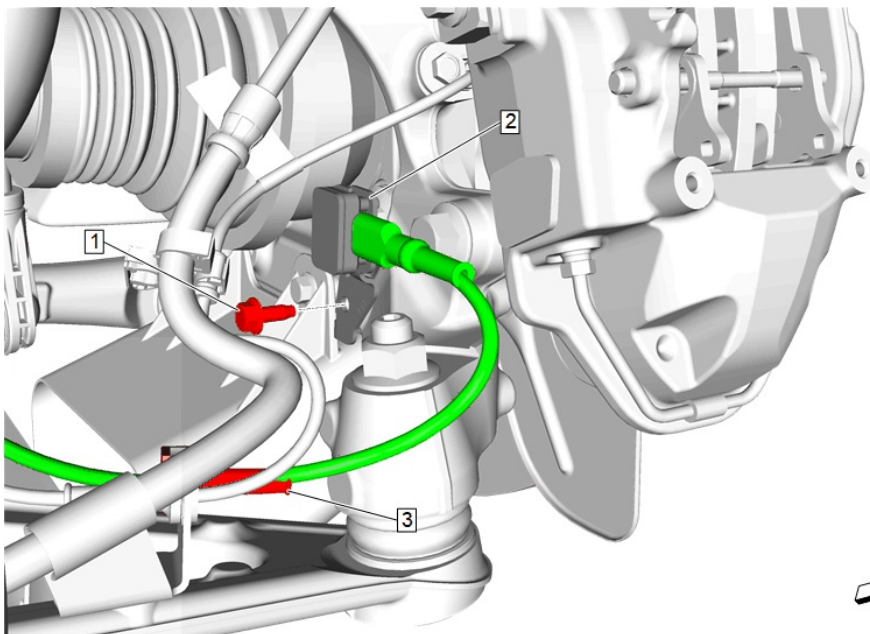
- CH-47960-10, Digital Angle Gauge Adapter
- CH-47960-15, Alignment Adapter Mounting Pins

Equivalent regional tools: Special Tools

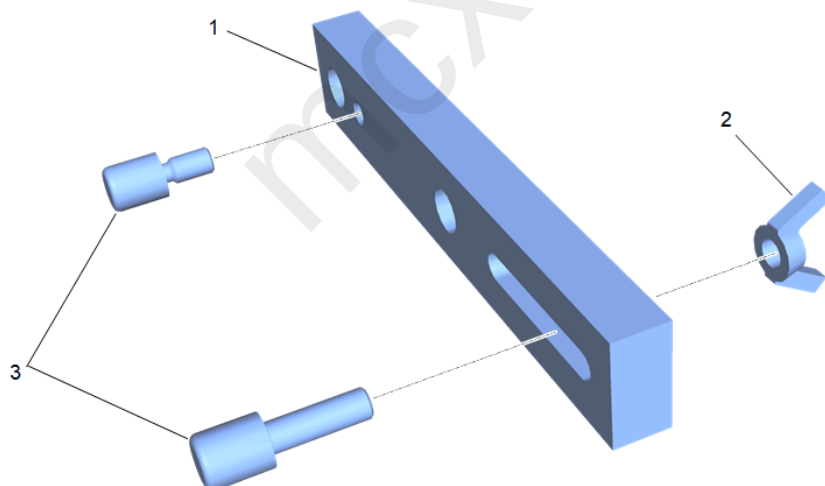
1. Measure the wheel alignment and determine the adjustments required. Wheel Alignment Measurement



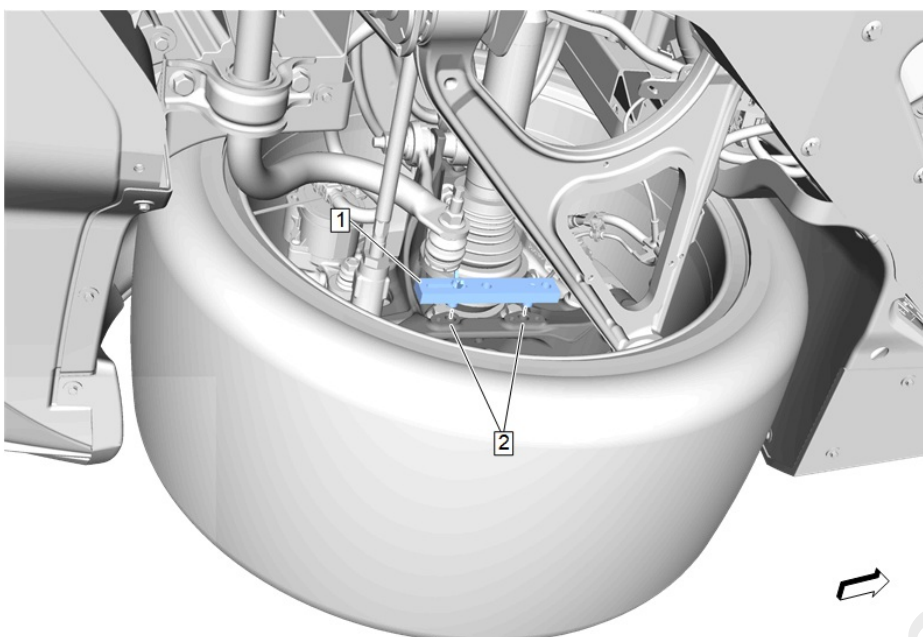
2. [Click here for full size](#)
3. { If equipped } Rear Brake Caliper Cooling Duct (2) >> Remove - Rear Brake Caliper Cooling Duct Replacement



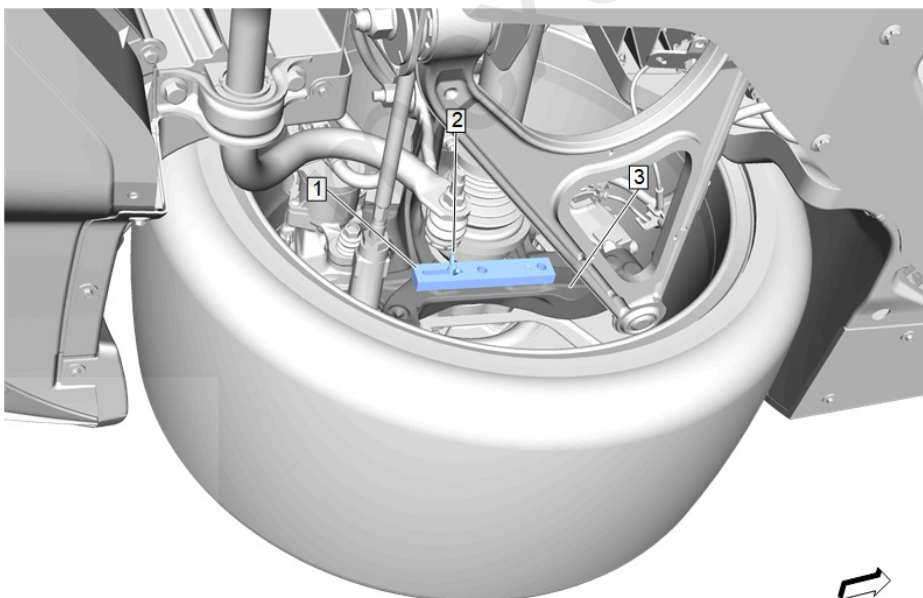
4. [Click here for full size](#)
5. { If equipped } Electronic Suspension Rear Vertical Accelerometer (2) @ Rear Suspension Knuckle >> Remove - Electronic Suspension Rear Vertical Accelerometer Replacement



6. [Click here for full size](#)
7. Install the *CH-47960-15* Alignment Adapter Mounting Pins (3) and wing nut (2) to the *CH-47960-10* Digital Angle Gauge Adapter (1).

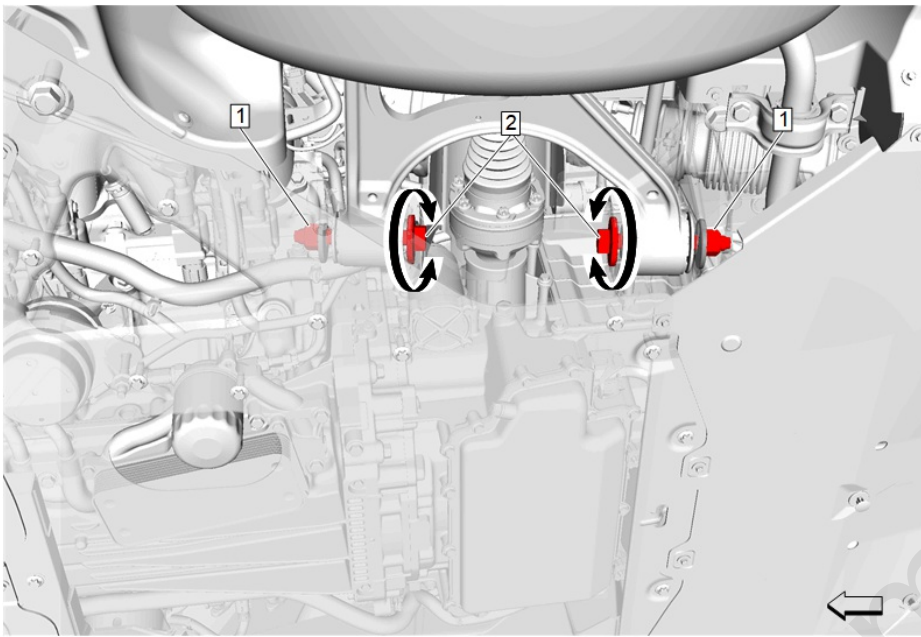


8. [Click here for full size](#)
9. Ensure that the alignment pin holes (2) in the rear suspension knuckle are clean from corrosion and debris.
10. Install the *CH-47960-10* Digital Angle Gauge Adapter (1) as assembled to the rear suspension knuckle alignment pin holes.

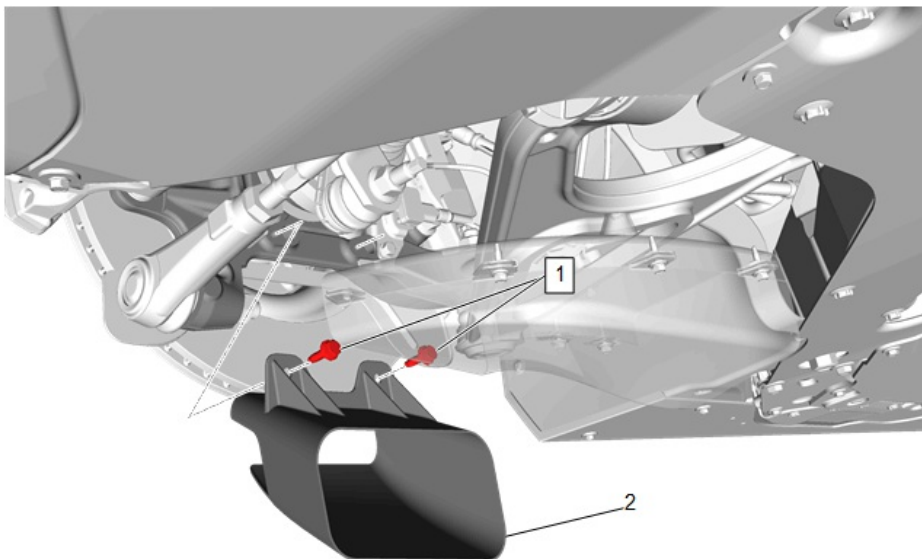


11. [Click here for full size](#)
12. With the *CH-47960-10* Digital Angle Gauge Adapter (1) in position on the rear suspension knuckle (3), hand tighten the wing nut (2).
13. Install a commercially available magnetic digital angle gauge to the bottom face of the *CH-47960-10* Digital Angle Gauge Adapter (1)

and follow the angle gauge instructions for operation and zero calibration.



14. [Click here for full size](#)
15. Loosen the 2 rear suspension lower control arm inner nuts (1).
16. Rotate the 2 rear suspension lower control arm adjuster bolts (2) in the same direction and adjust the rear camber to specification. [Wheel Alignment Specifications](#)
17. Without disturbing the camber setting, rotate the 2 rear suspension lower control arm adjuster bolts (2) in opposite directions and adjust the rear caster to specification. [Wheel Alignment Specifications](#)
18. Note:
Refer to the [procedure link](#) for torque specification.
19. While maintaining the rear camber and caster settings, tighten the 2 rear suspension lower control arm inner nuts (1) to specification. [Rear Suspension Lower Control Arm Replacement](#)
20. Verify the rear camber and caster settings, readjust if necessary.



25. [Click here for full size](#)
26. { If equipped } Rear Brake Caliper Cooling Duct (2) >> Install - Rear Brake Caliper Cooling Duct Replacement
27. Repeat steps 2 through 16 for the opposite side.
28. Adjust the rear toe. [Rear Toe Adjustment](#)

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