



LAKEWOOD DRAG STRUTS

REMOVAL AND INSTALLATION INSTRUCTIONS

2010 CHALLENGER PART NO. 40530/40531

Thank you for your purchase. Lakewood Drag Struts are engineered to improve weight transfer to the rear of the vehicle. These struts are intended for use in drag racing applications. 90/10 struts are not recommended for street use. For best results, disconnecting the front sway bar is recommended for on track operation. To easily disconnect front sway bar, Lakewood QwikLinks can be used, p/n 21202.

For technical assistance, please call 216-688-8300 Monday through Friday 8:30 AM to 5:00 PM EST.

CAUTION: INSTALLATION OF THIS PRODUCT REQUIRES WORKING UNDER THE VEHICLE. IT IS THE RESPONSIBILITY OF THE INSTALLER TO ENSURE A SAFE WORKING ENVIRONMENT. THE USE OF AN AUTOMOTIVE LIFT IS RECOMMENDED. MAKE SURE THAT THE VEHICLE IS SAFELY SUPPORTED AND ALWAYS USE JACK STANDS. ALWAYS WEAR SAFETY GLASSES.

WARNING: DUE TO THE TECHNICAL NATURE OF THIS PRODUCT, AND SPECIALIZED EQUIPMENT, PROFESSIONAL INSTALLATION IS RECOMMENDED.

Section 1 – Disassembly

1. Disconnect anti-sway bar link from mounting point on strut assembly while vehicle is at curb height.
2. Raise front of vehicle and properly support with stands
3. Remove wheel
4. Loosen the three nuts located on top of strut tower located in engine bay which secure upper strut mount to body but do not remove at this time.
5. Remove lower fastener which secures strut to lower control arm.
6. Remove fastener which secures brake line bracket to knuckle/spindle assembly.
7. Remove nut from upper ball joint and separate from knuckle/spindle assembly.

Note: Do not use ball joint separator fork as damage to boot may occur. The ball joint is not serviceable and entire upper control arm will need to be replaced if boot is damaged. Be sure to support knuckle/spindle assembly as it falls out and away from vehicle to avoid strain and possible damage to brake line.

8. Remove the three nuts of upper mount.

9. Lift strut up and off of lower control arm while moving lower mount of strut towards rear of vehicle.

10. Remove strut assembly from vehicle.

Section 2 - Assembly

Preparation of Lakewood strut.

1. Using coil spring compressor tool secure spring of newly removed strut prior to disassembly.
2. Remove nut which secures upper mount to strut and disassemble components.

Note: pay particular attention during reassembling so upper mount is properly indexed to the inboard side of Lakewood strut.

3. Reassemble components onto Lakewood strut and secure with new locking nut provided within installation kit.

4. Assemble in order of 10 thru 1 from Section 1

Go to: www.prestoliteperformance.com
to see a video installation of this product.

LAKEWOOD CHASSIS AND SUSPENSION PRODUCTS ARE ENGINEERED AND MANUFACTURED TO IMPROVE THE PERFORMANCE OF YOUR VEHICLE. WE ENCOURAGE YOU TO ENJOY USING OUR PRODUCTS SAFELY AT A SANCTIONED RACING FACILITY. PLEASE OBEY ALL TRAFFIC LAWS.



LAKEWOOD IS A TRADEMARK OF PRESTOLITE PERFORMANCE
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