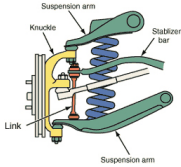


MCBAY PERFORMANCE

TRUCK FRONT SPACER INSTALLATION INSTRUCTIONS



ABOUT SPACER THICKNESS: When spacers are installed on the FRONT on (SLA) short, long control arm suspensions, vehicle height is raised approximately 2.5 to 3 times the thickness of the spacer.

1. Check to see that the spacer kit you purchased matches the year and model of your vehicle. These instructions are for trucks with control arms only. Solid axle trucks may differ. Spacer kits may require a spring compressor to install. Ball joint and tie rod forks may also be useful.
2. A good portion of your front suspension will be disassembled so this would be a good time to replace any worn parts (i.e. tie rod ends, ball joints, idler arm and any bushings).
3. Jack up vehicle as high as possible using jack stands for support at all times.
4. With vehicle safely off the ground, remove the front tires. It is advisable to disassemble one side at a time so that you can use the other side as a reference for reassembly in the event you get side-tracked or forget.
5. Remove the brake caliper from the rotor (usually attached with 2 bolts inside the caliper or with press-in clips depending on the vehicle). Do not remove the brake line from the caliper unless you intend to bleed the brakes at this time. Set the caliper aside or tie it up to the frame rail. Avoid pinching the brake line.
6. Remove the tie rod from the spindle using the proper tools. Do not hit the tie rod itself or the nut on the threaded portion of the tie rod or it may cause damage and need replacing.
7. Remove the anti-sway bar from the lower control arm. This may be a good time to replace the sway bar links if old or worn.
8. If your vehicle is equipped with anti-lock brakes you must disconnect the front rotor sensor from the dust shield or spindle and set it aside.
9. Disconnect your shock absorber completely from the vehicle whether it is mounted inside the coil spring or not.
10. Support the lower control arm with a jack just touching the arm. This will prevent it from dropping when the ball joint is disconnected.
11. The use of a coil spring compressor and compressing the springs is recommended before the following steps are taken.
12. Disconnect the upper ball joint from the top of the spindle using the proper tools. Do not hit the ball joint or the threaded end of the ball joint. Once the ball joint is free the spindle should move easily.
13. Be careful when lowering the lower control arm. The coil spring is under high compression and may shoot out when released. Do not stand near the side of the truck during this step. Lower the jack so that the lower control arm swings down. If the coil spring has not fallen out on it's own you may need to use a pry bar from the front of the vehicle to remove it.
14. SEE APPLICATION GUIDE ON BACK FOR PROPER SPACER INSTALLATION PLACEMENT.
15. Note which end of the coil spring is the "bottom" for re-installation. Also note the depression in the lower control arm and also where the upper part of the spring goes.
16. It is important that the spacer fits into the indentation completely and the last winding of the coil spring fits into the spacer so that the vehicle will sit level. Do not switch coil springs from side to side as some vehicles have a specific "right" and "left" coil spring.
17. Check the coil spacer for proper fitment into the coil spring depression on the lower control arm or on the upper part of the spring. The "pointed" side of the spacer should face away from the spring. The "indented" or "concave" side of the spacer will face into the spring (this is the side the spring will touch).
18. Install the coil spring with the spacer underneath it or on top of it depending on the placement according to the application guide on back. If used, the coil spring compressor should still be on the spring in a compressed state. If it is not you may need to compress the spring before re-installing. If the spacer goes on the bottom make sure the spacer is centered in the control arm and the top of the spring is properly nested. If the spacer goes on top, make sure it is in place on top of the spring and the spring fits nicely into the control arm while nesting into the top. Follow all safety rules when installing the coil spring, as it will be under extreme compression.
19. Raise the lower control arm with a jack until the coil spring and spacer are properly lined up. Raise it until the spindle is high enough to bolt on the upper ball joint. Before bolting on the upper ball joint make sure the brake caliper and the brake line is where they need to be since some brake lines run inside the spindle and outside the coil spring.
20. With the upper ball joint tight and a cotter pin re-installed you may now remove the jack from under the lower control arm.
21. Assemble all of the components previously removed (sway bar, tie rod ends, brake caliper and anti-lock sensor).
22. Repeat instructions for other side.
23. After properly installing both spacers you can install your front tires and lower vehicle back to the ground.
24. Your vehicle may sit higher at first because the suspension needs to settle. Carefully back the vehicle up and drive forward a few times using the brakes frequently. Park on level ground and check out your lift.
25. The vehicle will now require a front wheel alignment. Failure to do so may result in severe wear on your tires and may pull to one direction.



WARNING: This vehicle now has been modified to enhance its performance. The steering, braking and handling of this vehicle may differ from standard passenger cars and trucks, This vehicle may also handle differently from an ordinary vehicle in driving conditions which may occur on streets, highways and off road. Avoid unnecessary abrupt maneuvers, sudden stops, sharp turns and other driving conditions that could cause loss of control, possibly leading to a roll over or other accident that could result in serious injury or death to driver and passengers, If larger tires are installed the speedometer will read lower than the vehicles actual speed.

WARRANTY: Spacers are warranted from manufacturers defects for the life of the vehicle. Warranty does not cover damage to spacers due to improper installation or use. Refunds for warranty issues will consist of original order cost only and do not cover any labor costs or any other costs that were incurred.

DISCLAIMER: McBay Performance Inc. is not responsible or liable for any damage to vehicle, property or persons when product is being installed, removed or in use.

RECOMMENDATION: THIS KIT SHOULD BE INSTALLED BY A PROFESSIONAL MECHANIC.

CHEVROLET	Year(s)	Top or Bottom	3/8" Thick 1" Lift	1/2" Thick 1-1/4" Lift	5/8" Thick 1-7/8" Lift	3/4" Thick 2-1/4" Lift	1" Thick 3" Lift
Astro Van 2WD	1985-1989	B	1702	1703	1704	1705	1706
	1990-2005	B	N/A	1903	N/A	1905	1906
Blazer 2WD (Fullsize)	1992-1994	B	N/A	1903	N/A	1905	1906
C10/C20/C30 Pickup	1967-1987	B	1702	1703	1704	1705	1706
C10 Suburban	1967-1991	B	1702	1703	1704	1705	1706
C20 Suburban	1967-1988	B	1702	1703	1704	1705	1706
C1500/C2500 Pickup 2WD	1988-1998	B	N/A	1903	N/A	1905	1906
C3500 Pickup 2WD	1988-1992	B	N/A	1903	N/A	1905	1906
Express 1500/2500/3500 Van	1996-2017	B	N/A	1903	N/A	1905	1906
G10/G20/G30 Van	1968-1995	B	1702	1703	1704	1705	1706
P30	1968-1999	B	1702	1703	1704	1705	1706
S10 Pickup 2WD	1982-2004	B	1702	1703	1704	1705	1706
S10 Blazer 2WD	1983-2005	B	1702	1703	1704	1705	1706
Silverado 1500/2500 2WD	1999-2006	B	N/A	1903	N/A	1905	1906
Suburban C10 2WD	1967-1991	B	1702	1703	1704	1705	1706
Suburban C1500/C2500 2WD	1992-1999	B	N/A	1903	N/A	1905	1906
Suburban 1500 2WD	2000-2006	B	N/A	1903	N/A	1905	1906
Tahoe 2WD	1995-2006	B	N/A	1903	N/A	1905	1906

GMC	Year(s)	Top or Bottom	3/8" Thick 1" Lift	1/2" Thick 1-1/4" Lift	5/8" Thick 1-7/8" Lift	3/4" Thick 2-1/4" Lift	1" Thick 3" Lift
C15/C25/C35 Pickup	1967-1986	B	1702	1703	1704	1705	1706
C15 Suburban	1967-1991	B	1702	1703	1704	1705	1706
C25 Suburban	1967-1988	B	1702	1703	1704	1705	1706
C1500/C2500 Pickup 2WD	1988-1998	B	N/A	1903	N/A	1905	1906
C3500 Pickup 2WD	1988-1992	B	N/A	1903	N/A	1905	1906
G15/G25/G35 Van	1968-1995	B	1702	1703	1704	1705	1706
P35 Series	1968-1998	B	1702	1703	1704	1705	1706
S15 Jimmy 2WD	1983-2005	B	1702	1703	1704	1705	1706
S15 Pickup 2WD	1982-1990	B	1702	1703	1704	1705	1706
Safari Van 2WD	1985-1989	B	1702	1703	1704	1705	1706
	1990-2005	B	N/A	1903	N/A	1905	1906
Savana 1500/2500/3500 Van	1996-2017	B	N/A	1903	N/A	1905	1906
Sierra 1500/2500 2WD	1999-2006	B	N/A	1903	N/A	1905	1906
Sonoma 2WD Pickup	1991-2004	B	1702	1703	1704	1705	1706
Suburban C15 2WD	1967-1986	B	1702	1703	1704	1705	1706
Suburban C1500/C2500 2WD	1992-1999	B	N/A	1903	N/A	1905	1906
Yukon 2WD	1992-2006	B	N/A	1903	N/A	1905	1906
Yukon XL 1500 2WD	2000-2006	B	N/A	1903	N/A	1905	1906

DODGE	Year(s)	Top or Bottom	3/8" Thick 1" Lift	1/2" Thick 1-1/4" Lift	5/8" Thick 1-7/8" Lift	3/4" Thick 2-1/4" Lift	1" Thick 3" Lift
B100/B200/B300 Van	1971-1980	B	N/A	1903	N/A	1905	1906
B150/B250/B350 Van	1981-1991	B	N/A	1903	N/A	1905	1906
Dakota 2WD	1987-2004	B	1702	1703	1704	1705	1706
Durango 2WD	1998-2003	B	1702	1703	1704	1705	1706
D50/Ram 50	1979-1993	B	1102	1103	1104	1105	1106
D100 Pickup 2WD	1972-1989	B	N/A	1903	N/A	1905	1906
D150 Pickup 2WD	1977-1993	B	N/A	1903	N/A	1905	1906
D200/D300 Pickup 2WD	1972-1980	B	N/A	1903	N/A	1905	1906
D250/D350 Pickup 2WD	1981-1993	B	N/A	1903	N/A	1905	1906
Ram 1500 2WD	1994-2008	B	N/A	1903	N/A	1905	1906
Ram 2500/3500 2WD (IFS ONLY)	1994-2009	B	N/A	1903	N/A	1905	1906
Ram B1500/B2500/B3500 Van	1995-2003	B	N/A	1903	N/A	1905	1906
Ramcharger 2WD	1974-1993	B	N/A	1903	N/A	1905	1906

FORD	Year(s)	Top or Bottom	3/8" Thick 1" Lift	1/2" Thick 1-1/4" Lift	5/8" Thick 1-7/8" Lift	3/4" Thick 2-1/4" Lift	1" Thick 3" Lift
Aerostar 2WD	1988-1997	B	1702	1703	1704	1705	1706
Expedition 2WD	1997-2004	B	1702	1703	1704	1705	1706
F100 2WD	1969-1979	T	1702	1703	1704	1705	1706
F150 2WD	1975-1979	T	1702	1703	1704	1705	1706
F150 2WD	1997-2003	B	1702	1703	1704	1705	1706
F150 Heritage 2WD	2004	B	1702	1703	1704	1705	1706
F250 2WD Under 6900 GVW	1975-1979	T	1702	1703	1704	1705	1706
Ranger 2WD	1998-2012	B	1702	1703	1704	1705	1706

MAZDA	Year(s)	Top or Bottom	3/8" Thick 1" Lift	1/2" Thick 1-1/4" Lift	5/8" Thick 1-7/8" Lift	3/4" Thick 2-1/4" Lift	1" Thick 3" Lift
B2300 2WD	2001-2009	B	1702	1703	1704	1705	1706
B2500 2WD	1998-2001	B	1702	1703	1704	1705	1706
B3000 2WD	1998-2007	B	1702	1703	1704	1705	1706
B4000 2WD	1998-2009	B	1702	1703	1704	1705	1706

PLYMOUTH	Year(s)	Top or Bottom	3/8" Thick 1" Lift	1/2" Thick 1-1/4" Lift	5/8" Thick 1-7/8" Lift	3/4" Thick 2-1/4" Lift	1" Thick 3" Lift
Trailduster 2WD	1975-1980	B	N/A	1903	N/A	1905	1906
Voyager PB series Van	1974-1983	B	N/A	1903	N/A	1905	1906