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88-98 Solid Axle Conversion Instructions, 31.5/32” Pad Width, 52” Springs

<u>Quantity in kit</u>	<input checked="" type="checkbox"/>	<u>Part</u>
2		32" spring pad width main eye spring hanger, 1 RH 1 LH
2		32" spring pad width rear eye shackle hanger, 1 RH 1 LH
2		Solid axle conversion shackles
12		ORD7003 Bushing halves
6		3-1/2" sleeves for 9/16" bolt
6		9/16" x 5" Grade 8 bolts, greasable
6		9/16" top lock nuts
16		7/16" x 1-1/4" Grade 8 bolts
16		7/16" top lock nuts
32		7/16" washers
6		1/2" x 1-1/4" Grade 8 bolts
8		1/2" x 1-1/2" Grade 8 bolts
14		1/2" top lock nuts
28		1/2" washers

This kit uses rear springs for a 73-87 ½ ton Chevy truck, there is 3” of lift built into the brackets and putting 52” rear springs up front gives 4-5” of lift so total height will be 7-8” of lift using a stock rear spring (depending on the springs used). This kit is designed for a 32” spring pad width, these can be any of the GM front axles (10 bolt, Dana 44 or Dana 60), a ‘70’s Ford Dana 44 or Dana 60, Dodge Dana 44’s and D60’s can also be adapted to fit. Additionally, the kit moves the front axle forward 1” for tire clearance.

Remove all of the factory independent front suspension components and cut all of the existing bracketry off such that you are left with a bare frame. Removal of the A-arm/engine crossmember is typically not necessary though some modifications may need to be made to the crossmember if the spring contacts it under full compression travel.

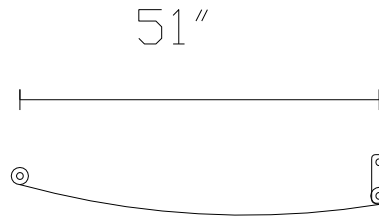


Install front hangers, additional holes will need to be drilled on the inside of each frame rail. $\frac{1}{2}$ " x 1-1/2" bolts go in the outside of the frame rail to account for the bumper bracket, $\frac{1}{2}$ " x 1-1/4" bolts go on the inside and $\frac{7}{16}$ " x 1-1/4" bolts go in the bottom.



Position rear hanger such that the distance from the main eye centerline to the

upper shackle bolt is 51" and the tab on the bottom is against the bottom of the frame. You will be using the rearward shackle bolt location, the bent piece of the bracket goes towards the front of the truck.



This is the passenger's side rear shackle hanger bracket, the notched and bent piece goes towards the front of the truck:



Mark all of the holes using the bracket as a template. Drill the holes with a 1/2" drill bit.

Install brackets on both sides using 7/16" bolts in the side of the frame and 1/2" bolts in the bottom. Install the shackles into the rearward most hole with the open end pointing forward. Install springs. Torque the 7/16" hardware to 38 ft. lbs., torque the 1/2" hardware to 59 ft. lbs.