

# FRFLX

# FORD

Rear suspension package

Ref. = Reference  
Part = Part #.  
Qty. = Quantity

## INSTALLATION INSTRUCTIONS

- Carefully read and understand all instructions prior to installation. Professional installation required.
- Working on one side of vehicle at a time, raise vehicle allowing suspension to hang freely.
- Remove and retain OEM inner bolt #1 M14 X 90.

**NOTE:** DO NOT REMOVE BOLT #2.  
Removing both bolts may result in loss of upper control arm positioning allowing compressed coil spring to release position.

- Install Timbren frame bracket #3 using OEM bolt #1. Leave bolt #1 loose approx 1 turn. Non-permanent threadlocker adhesive such as Loctite 242 must be applied.
- Remove and retain OEM outer bolt #2 M14 x 90.
- Rotate Timbren bracket #3 aligning holes with OEM.
- Install OEM bolt #2. Non-permanent threadlocker adhesive such as Loctite 242 must be applied.
- Torque both OEM bolts 111 lb-ft in accordance with OEM specifications.
- Mount Aeon rubber spring using Timbren supplied fasteners.

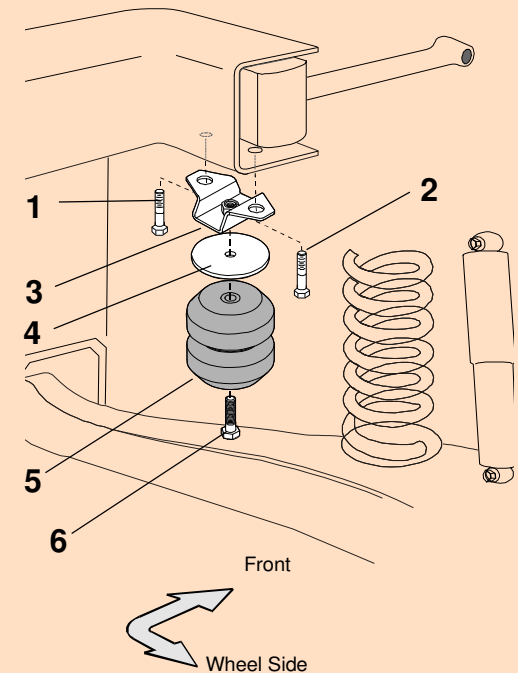
**NOTE:** These instructions are not intended to replace OEM guidelines for safe removal and replacement of OEM fasteners.

Follow OEM guidelines ensuring a nonpermanent threadlocker such as Loctite 242 used when replacing OEM bolts.

Secure OEM bolts to 111 lb-ft in accordance with OEM specifications.

*Do not exceed vehicle manufacturer's recommended axle weight rating. Check for AEON® interference with vehicle components - Under load AEON® will "expand" in diameter.*

Ref	Part	Qty
1	OEM INNER BOLT	2
2	OEM OUTER BOLT	2
3	K10501-003	2
4	A1610A-003	2
5	A00515-65P30	2
6	F11538-350	2





Ride Quality Control

# TIMBREN SES

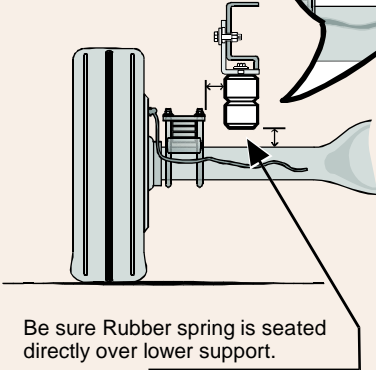
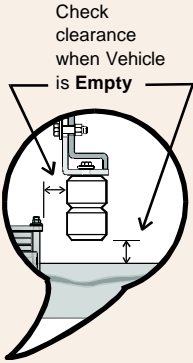
Suspension Enhancement Systems

## Limited Lifetime Warranty

*TIMBREN SES kits are warranted against defects in material and workmanship, under normal use and service, for the life of the vehicle on which the kit was originally installed. The warranty is not transferable and proof of purchase is required. The warranty is limited to the replacement of the failed part. TIMBREN will not be responsible for any labour or freight charges involved in the replacement of any product. TIMBREN shall be entitled to make its own inspection to determine the validity of the warranty claim. TIMBREN shall not be liable nor warrant the product in the event of alteration, misuse, overload, negligence or damage caused by others.*

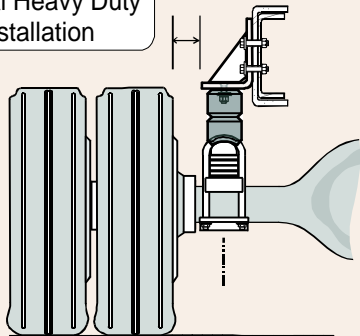
### Clearance Instructions

Typical Light Duty & Medium Duty Installation



Be sure Rubber spring is seated directly over lower support.

Typical Heavy Duty Installation



#### For Light Duty Pickups & Vans

Rear SES kits should have approximately 1" gap between rubber spring and axle for 1/2 and 3/4 tons, and for one ton the gap should be about 1/2" when the vehicle is completely unloaded. A cap or fifth wheel plate will reduce or eliminate this gap.

Front SES kits are usually in contact with the front suspension at all times.

#### For Medium Duty & Heavy Duty Trucks, Trailers, Motor Homes, and more

Medium & Heavy Duty vehicles often have pre-load as outlined in the instruction sheet. (For specific Medium Duty applications with a constant load on the suspension like Rvs, Utility Vans or Cube Vans, the Timbren SES kits are pre-loaded.)

### Check clearances when vehicle is empty...

### Consider Your Needs..!

Knowing the use of the vehicle will help you to select the right SES kit. For example a one ton truck can be configured as a pick-up, service vehicle or tow truck. Standard capacity or severe service applications are available for many applications.

Knowing that the suspension has been modified or is old and sagging should indicate the need to adjust the ride height to obtain the correct clearance.

This can be done by altering the SES kit (changing rubber spring or bracket) or re-arching the leaf springs to renew the optimum OEM ride height.

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