

HRTTPO2

HENDRICKSON

Rear suspension package

INSTALLATION INSTRUCTIONS

- a) Remove axle bump stop.
- b) Assemble frame bracket by welding items #1 & #2 together keeping in mind the following:
 - 1) Plate #2 should be positioned under bracket #1 to allow the Aeon spring to rest directly over the axle.
 - 2) Bracket #1 will be bolted to the frame using existing holes where possible to ensure that the distance from the bottom of plate #2 to the top of axle is 6-3/4 inches. Adjust accordingly with the use of spacers. (Diagram A)
 - 3) For RTE suspension, cut off upper leaf to avoid interference with Aeon spring assembly.
- c) With vehicle unloaded, mount bracket to frame using at least three 1/2" Gr.8 bolts.
- d) Some rear axle assemblies may need to be modified to accommodate a slight angle. Either build corresponding angle into upper bracket or weld plate on axle to make surface parallel to frame.

NOTES:

Countersunk bolt #3 will need to be tack welded into place prior to welding items #1 & #2.

If necessary, drill to enlarge holes in frame to 9/16" diameter.

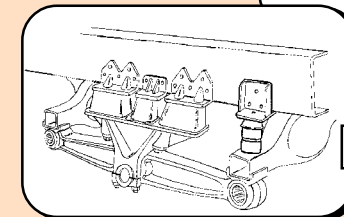
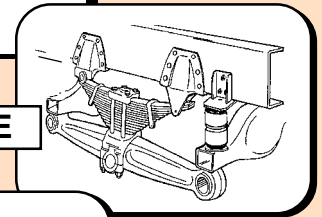
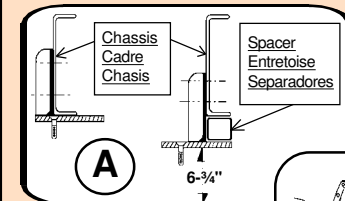
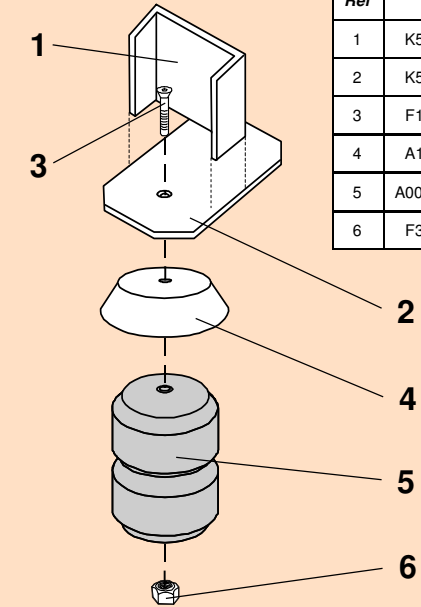
SAFETY CAUTIONS

Always refer to and follow the vehicle manufacturer's guidelines when welding or drilling during installation of this kit.

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

Ref	Part	Qty
1	K51104-005	2
2	K52139-005	2
3	F12106-253	2
4	A16040-003	2
5	A00560-75C70	2
6	F31005-250	2



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PART NUMBER	DESCRIPTION	QTY	LOCATION
F31005-250	NYLOCK LOCKNUT 1/2 UNC GR 5 Z	2	G1B
F12106-253	FHSCS 1/2 x 2-1/2 UNC GR 5 B	2	J2C

A00560-75C70	Hollow Rubber Spring	2	C12A
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K51104-005	FORMED PLATE 1/4 x 7 x 9 PAINTED	2	D4A
K52139-005	TOP PLATE 3/8 x 6 x 7 PAINTED	2	D4B
A16040-003	STEEL CUP 6-15/16 od x 17/32 id x 1-5/8" deep. Painted	2	D21B

B90223	10-3/4 x 9-1/2 x 7 DW Carton	1	A1A
B10100	NEWSPRINT 18" ROLL	1	
B00029-010	BARCODE LABEL FOR KIT	1	

Clearance Instructions:

Rear SES Kits for Pick-Ups and Vans should have a 1/2" to 1-1/2" gap between the rubber spring and contact point when empty.

A partial load, or vehicle accessories will reduce or eliminate the gap.

Front SES kits are usually in full contact.

Medium and Heavy-Duty Trucks, Trailers and Motorhomes will be in constant contact, and have no gap.