

KWFC500

KENWORTH

Front suspension package

INSTALLATION INSTRUCTIONS

- Raise vehicle allowing the axle to hang freely.
- Assemble Aeon rubber spring and right hand bracket as shown in the adjacent diagram.
- Position Timbren bracket on frame centered over leaf spring or axle & drill 2 holes (11/16"OD) using frame bracket as template.
- Tighten using Timbren fasteners provided - torque to OEM specifications.
- Lower vehicle.

NOTES

Use additional rubber washer #8 and bolt #7 to achieve desired ride height.

SAFETY CAUTIONS

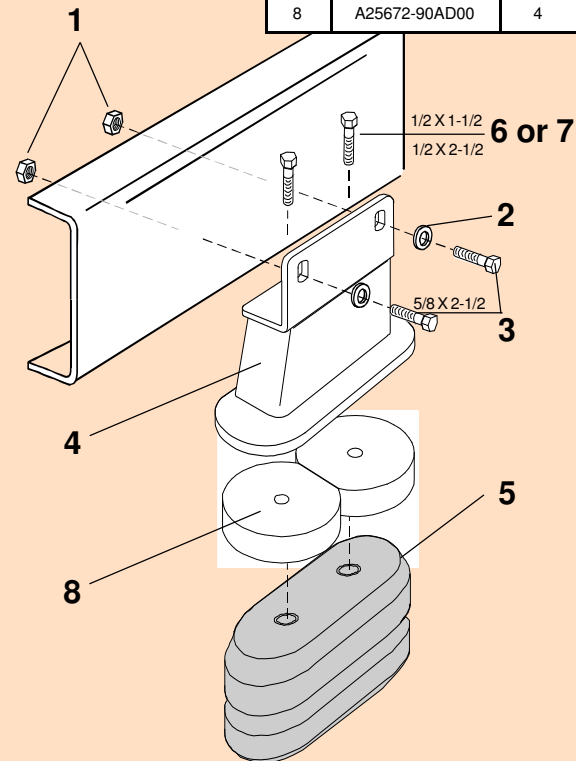
Always refer to and follow the vehicle manufacturer's guidelines when welding or drilling during installation of this kit.

Use Loctite® 242 (Blue) to secure threads of bolts to Aeon® spring item 5.

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	F31007-150	4
2	F40071-020	4
3	F11146-150	4
4	K10518-003	2
5	A00200-65V00	2
6	F11102-150	4
7	F11106-150	4
8	A25672-90AD00	4



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PART NUMBER	DESCRIPTION	QTY	LOCATION
F31007-150	NYLOCK LOCKNUT 5/8 UNF GR 5 Z	4	H2E
F40071-020	WASHER FLAT USS 5/8 x 1-3/4 GR 2 Z	4	H2E
F11146-150	HCS 5/8 x 2-1/2 UNF GR 5 Z	4	H2E
F11102-150	HCS 1/2 x 1-1/2 UNF GR 5 Z	4	G1D
F11106-150	HCS 1/2 x 2-1/2 UNF GR 5 Z	4	G1D

A00200-65V00	Hollow Rubber Spring	2	C17A
A25672-90AD00	RUBBER DISC 4" OD x 17/32" ID x 1" THK	4	MTO

K10518-003	FFH / KWFC500 WELDMENT PAINTED	2	D12E
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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	

Issued: 4/28/2015

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.