

**FFMT45G****FREIGHTLINER**
**Front suspension package**  
**Ensemble pour suspension avant**  
**Ensemble para suspensión de delantero**
**INSTALLATION INSTRUCTIONS**

- Raise vehicle allowing the axle to hang freely.
- Remove existing bump stop assembly.
- Place bolt #4 and #6 into weldment #5.
- Use rubber washer #7 and bolt #3 to achieve desired ride height.
- Smaller disc of weldment #5 to go up to frame.
- Mount weldment #5 with washer #2 and nut #1.
- Mount aeon spring #8 with nut #1
- Lower vehicle.

**INSTRUCTIONS DE MONTAGE**

- Soulever le véhicule pour permettre à l'essieu de pendre librement.
- Retirez l'ensemble d'arrêt de bosse existant.
- Placer les boulons #4 et #6 dans la soudure #5.
- Utilisez la rondelle en caoutchouc #7 et le boulon 3 pour atteindre la hauteur de conduite souhaitée.
- Disque de soudure #5 plus petit à monter sur le châssis.
- Montez la soudure #5 avec le laveur # 2 et l'écrou #1.
- Montez le ressort aeon #8 avec l'écrou #1
- Abaisser le véhicule.

**INSTRUCCIONES DE INSTALACIÓN**

- Eleve el vehículo permitiendo que el eje cuelgue libremente.
- Retire el conjunto de tope existente.
- Coloque los pernos #4 y #6 en la soldadura #5.
- Use la arandela de goma #7 y el perno #3 para lograr la altura de manejo deseada.
- Disco de soldadura más pequeño #5 para subir al marco.
- Monte la soldadura #5 con la arandela #2 y la tuerca #1.
- Monte el resorte aeon # 8 con la tuerca #1.
- Bajar el vehículo.

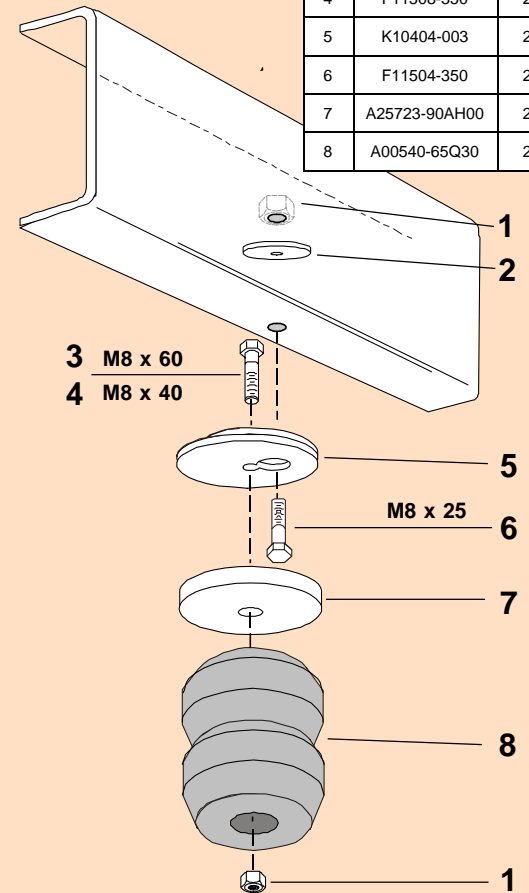
Do not exceed vehicle manufacturer's recommended axle weight rating. Check for AEON® interference with vehicle components - Under load AEON® will "expand" in diameter.

Ne pas dépasser le poids nominal sur l'essieu recommandé par le fabricant du véhicule. Vérifier que le ressort AEON® n'a pas d'incidence sur d'autres pièces du véhicule - Le ressort AEON® augmentera son diamètre avec la charge.

No exceda la carga nominal en el eje recomendada por el fabricante del vehículo. Compruebe que no haya interferencia entre el resorte AEON® y los otros componentes del vehículo. Bajo carga, el resorte AEON® se ampliará en diámetro.

**Ref.** = Reference = No. de référence = Núm. de referencia  
**Part** = Part #. = No. de pièce = Núm. de pieza  
**Qty.** = Quantity = Quantité = Cantidad

Ref	Part	Qty
1	F31050-350	4
2	F40020-020	2
3	F11512-350	2
4	F11508-350	2
5	K10404-003	2
6	F11504-350	2
7	A25723-90AH00	2
8	A00540-65Q30	2



FFMT45G



**ASSEMBLY NOTES:**

PART NUMBER	DESCRIPTION	QTY	LOCATION
<b>F31050-350</b>	NYLOCK LOCKNUT M8 x 1.25 Gr. 8.0 Z	<b>4</b>	<b>H3D</b>
<b>F40020-020</b>	WASHER FLAT USS 5/16 x 7/8 GR2 Z	<b>2</b>	<b>H1E</b>
<b>F11504-350</b>	HCS M8 x M25 x 1.25 Gr. 8.8 Z	<b>2</b>	<b>H3C</b>
<b>F11508-350</b>	HCS M8 x M40 x 1.25 Gr. 8.8 Z	<b>2</b>	<b>H3C</b>
<b>F11512-350</b>	HCS M8 x M60 x 1.25 Gr. 8.8 Z	<b>2</b>	<b>H3B</b>

<b>A00540-65Q30</b>	AEON HOLLOW RUBBER SPRING	<b>2</b>	<b>C8B</b>
<b>A25723-90AH00</b>	RUBBER SPACER 4"OD x 1" THK W/AH Bushing	<b>2</b>	

<b>K10404-003</b>	FF350SDC/550SD/550SDE/550SDH WELD. PTD.	<b>2</b>	<b>D13A</b>
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<b>B90200-CF</b>	SMALL FRONT BOX - 9.5 x 7 x 5.5	<b>1</b>	<b>A--E</b>
<b>B10000</b>	8" x 12" BUBBLE FOR KITS	<b>1</b>	
<b>B00029-010</b>	BARCODE LABEL FOR KIT	<b>1</b>	

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**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.

**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 claim. TIMBREN shall not be liable nor warranty the product in the event of alteration, misuse, overload, negligence or damage caused by others.

If ride or performance of our product is unsatisfactory in any way, please call: 1-800-263-3113 or email [sales@timbren.com](mailto:sales@timbren.com)