

**MFGR****MACK**

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 located on U-bolt pad.
- Enlarge bump stop bracket hole by drilling to 17/32" diameter.
- Assemble Aeon rubber spring and metal plate as shown in the adjacent diagram.
- Mount Timbren assembly to bump stop bracket using existing holes & Timbren supplied fasteners.
- Lower vehicle.

**INSTRUCTIONS DE MONTAGE**

- Soulever le véhicule de sorte que l'essieu soit dégagé.
- Retirer la butée de suspension existante située sur le coussin du boulon en U.
- Élargir le trou du support de la butée de suspension en perçant un trou de 17/32 po de diamètre.
- Assembler le ressort en caoutchouc Aeon et la plaque métallique comme il est indiqué dans le schéma adjacent.
- Monter l'assemblage Timbren au support de la butée de suspension en utilisant les trous existants et la boulonnerie fournie avec l'assemblage Timbren.
- Redescendre le véhicule.

**INSTRUCCIONES DE INSTALACIÓN**

- Levante el vehículo dejando que los ejes cuelguen libremente.
- Retire el tope de suspensión existente localizado en el cojín amortiguador del perno "U".
- Amplíe el orificio de la abrazadera del tope de suspensión haciendo una perforación de 17/32" de diámetro.
- Ensamble el resorte de caucho Aeon y la placa de metal como se muestra en el diagrama adyacente.
- Monte la unidad Timbren a la abrazadera del tope de suspensión utilizando los orificios existentes y los elementos de sujeción Timbren provistos.
- Baje el vehículo.

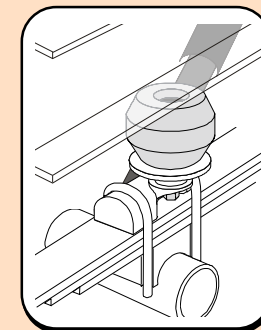
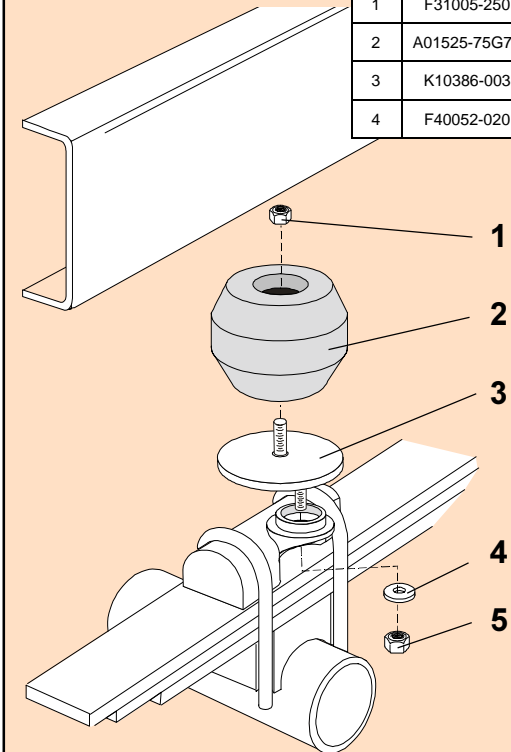
Do not exceed vehicle manufacturer's recommended axle weight rating. Check for AEON® interference with vehicle components - Under load AEON® will "expand" in diameter.

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   | F31005-250   | 4   |
| 2   | A01525-75G70 | 2   |
| 3   | K10386-003   | 2   |
| 4   | F40052-020   | 2   |



MFGR

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TIMBREN INDUSTRIES INC.

[www.timbren.com](http://www.timbren.com)

| PART NUMBER       | DESCRIPTION                       | QTY      | LOCATION   |
|-------------------|-----------------------------------|----------|------------|
| <b>F31005-250</b> | NYLOCK LOCKNUT 1/2 UNC GR 5 Z     | <b>4</b> | <b>G1B</b> |
| <b>F40052-020</b> | WASHER FLAT USS 1/2 x 1-3/8 GR2 Z | <b>2</b> | <b>G1D</b> |

|                     |                      |          |             |
|---------------------|----------------------|----------|-------------|
| <b>A01525-75G70</b> | Hollow Rubber Spring | <b>2</b> | <b>C18A</b> |
|---------------------|----------------------|----------|-------------|

|                   |               |          |            |
|-------------------|---------------|----------|------------|
| <b>K10386-003</b> | MFGR WELDMENT | <b>2</b> | <b>D1D</b> |
|-------------------|---------------|----------|------------|

|                   |                                  |          |             |
|-------------------|----------------------------------|----------|-------------|
| <b>B90201-CF</b>  | LARGE FRONT BOX - 10.5 x 8.5 x 6 | <b>1</b> | <b>A--D</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)

ASSEMBLY NOTES: