

**HIRFA****HINO**

Rear suspension package  
Ensemble pour suspension arrière  
Ensemble para suspensión de trasero

INSTALLATION INSTRUCTIONS

- Raise vehicle allowing the axle to hang freely.
- Assemble Aeon rubber spring and bracket as shown in the adjacent diagram.
- Position Timbren bracket on frame centered over leaf spring or axle & drill 2 holes (17/32"OD) using frame bracket as template.
- Mount Timbren assembly and shock bracket using Timbren supplied fasteners.
- Lower vehicle.

INSTRUCTIONS DE MONTAGE

- Soulever le véhicule de sorte que l'essieu soit dégagé.
- Assembler le ressort en caoutchouc Aeon et le support comme il est indiqué dans le schéma adjacent.
- Placer le support Timbren sur le cadre centré sur le ressort à lames ou l'essieu et percer 2 trous (17/32 po de diamètre extérieur) en utilisant le support du cadre comme gabarit.
- Monter l'assemblage Timbren et le support d'amortisseur en utilisant la boulonnerie fournie avec l'assemblage Timbren.
- Redescendre le véhicule.

INSTRUCCIONES DE INSTALACIÓN

- Levante el vehículo dejando que los ejes cuelguen libremente.
- Ensamble el resorte de caucho Aeon y la abrazadera como se muestra en el diagrama adyacente.
- Coloque en posición la abrazadera Timbren en el chasis centrada sobre el resorte de ballesta o el eje y perfore 2 orificios (17/32"Diámetro externo) utilizando la abrazadera como plantilla.
- Monte la unidad Timbren y la abrazadera del amortiguador utilizando los elementos de sujeción Timbren provistos.
- Baje el vehículo.

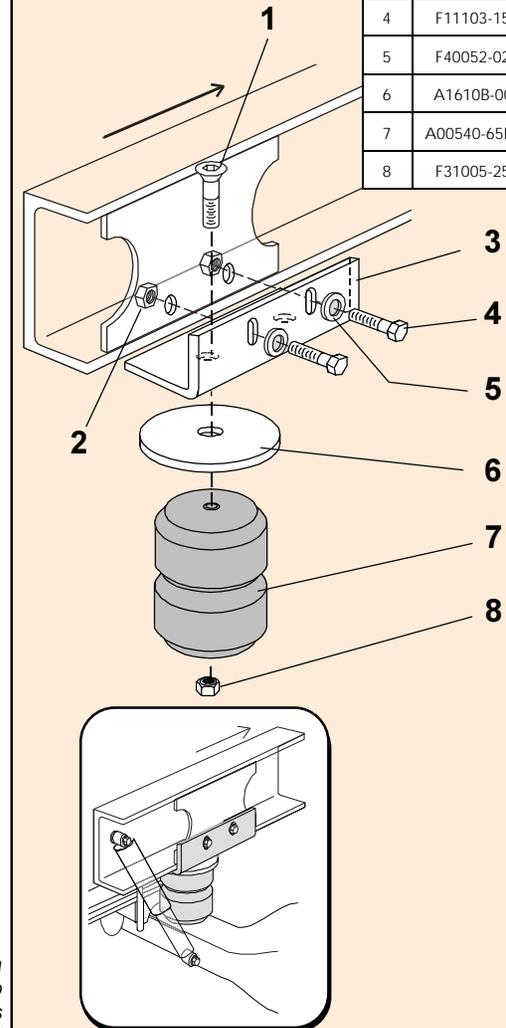
Do not exceed vehicle manufacturer's recommended axle weight rating. Check for AEON® interference with vehicle components - Under load AEON® will "expand" in diameter.

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	F12103-253	2
2	F31005-150	4
3	K51177-003	1L-1R
4	F11103-150	4
5	F40052-020	4
6	A1610B-003	2
7	A00540-65E60	2
8	F31005-250	2



HIRFA

**TIMBREN**

# HIRFA

TIMBREN INDUSTRIES INC.

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

PART NUMBER	DESCRIPTION	QTY	LOCATION
F31005-150	NYLOCK LOCKNUT 1/2 UNF GR 5 Z	4	G1D
F40052-020	WASHER FLAT USS 1/2 x 1-3/8 GR 2 Z	4	G1D
F11103-150	HCS 1/2 x 1-3/4 UNF GR 5 Z	4	G1D
F31005-250	NYLOCK LOCKNUT 1/2 UNC GR 5 Z	2	G1B
F12103-253	FHSCS 1/2 x 1-3/4 UNC GR 5 B	2	J2C

A00540-65E60	Hollow Rubber Spring	2	C8B
--------------	----------------------	---	-----

K51177LH-003	FORMED PLATE 1/4 x 4-7/16 x 8 PAINTED	1	E1D
K51177RH-003	FORMED PLATE 1/4 x 4-7/16 x 8 PAINTED	1	E1D
A1610B-003	WASHER 4-1/2 OD x 17/32 ID x 1/4 THK PTD.	2	D20A

B90201-CR	LARGE REAR BOX - 10.5 x 8.5 x 6	1	A--D
B10000	8" x 12" BUBBLE FOR KITS	1	
B00029-010	BARCODE LABEL FOR KIT	1	

Issued: 11/8/2005

## 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:

APPLY 'LEFT' LABEL TO L/H BRACKET.