

DM600FF

MACK

Front suspension package Ensemble pour suspension avant Ensemble para suspensión de delantero

INSTALLATION INSTRUCTIONS

- Raise vehicle allowing the axle to hang freely.
- Remove U-bolt pad from leaf springs & remove rubber bump stop from pad.
- Drill bump stop mounting hole to 9/16" and bolt Aeon rubber spring & steel cup to "U" bolt pad.
- Mount Timbren assembly to axle & retighten U-bolts as per OEM specifications.
- Weld disc to frame in bump stop contact area.
- Lower vehicle.

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.

INSTRUCTIONS DE MONTAGE

- Soulever le véhicule de sorte que l'essieu soit dégagé.
- Retirer le coussin du boulon en U des ressorts à lames et retirer la butée de suspension en caoutchouc du coussin.
- Perçer dans le support de la butée de suspension un trou de 9/16 po et fixer à l'aide de boulons le ressort en caoutchouc Aeon et la coupelle en acier au coussin du boulon en "U".
- Monter l'assemblage Timbren à l'essieu et resserrer les boulons en U selon les spécifications du fabricant d'origine.
- Souder le disque au cadre dans la surface de contact avec la butée de suspension.
- Redescendre le véhicule.

MESURES DE SÉCURITÉ:

Se référer aux directives du fabricant et les suivre en tout temps lors du soudage ou du perçage en ce qui concerne l'installation du présent ensemble.

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.

INSTRUCCIONES DE INSTALACIÓN

- Levante el vehículo dejando que los ejes cuelguen libremente.
- Retire el cojín amortiguador del perno "U" de los resortes de ballestas y retire el tope de suspensión de caucho del amortiguador.
- Perfore el orificio de montaje del tope de suspensión a 9/16" y atornille el resorte de caucho Aeon y la copa de acero al cojín amortiguador del perno "U".
- Monte la unidad Timbren al eje y vuelva a apretar los pernos "U" según las especificaciones del fabricante original del equipo.
- Suelde el disco al chasis en el área de contacto del tope de suspensión.
- Baje el vehículo.

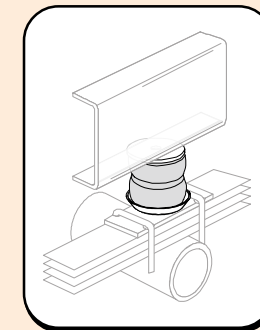
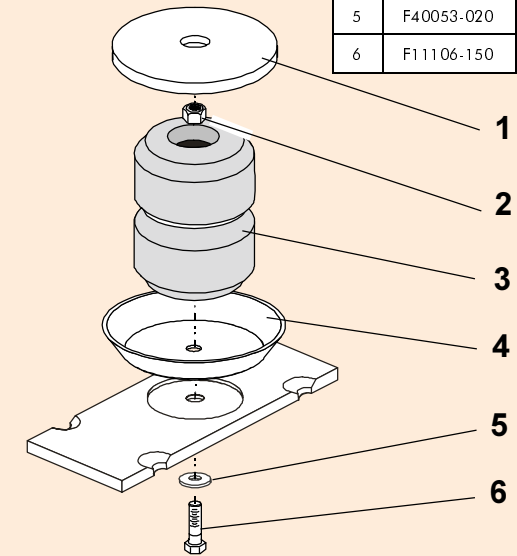
PRECAUCIONES DE SEGURIDAD:

Siempre consulte y siga las instrucciones del fabricante del vehículo al soldar o perforar durante la instalación de este kit.

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 | A1 610B-003 | 2 |
| 2 | F31005-150 | 2 |
| 3 | A00540-75E60 | 2 |
| 4 | A1 6010 | 2 |
| 5 | F40053-020 | 2 |
| 6 | F11106-150 | 2 |



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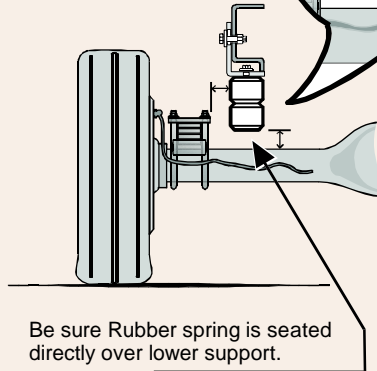
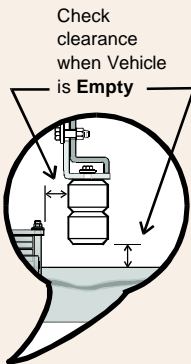
Ride Quality Control

TIMBREN SES

Suspension Enhancement Systems

Clearance Instructions

Typical Light Duty & Medium Duty Installation



Typical Heavy Duty Installation



For Light Duty Pickups & Vans

Rear SES kits should have approximately 1" gap between rubber spring and axle for 1/2 and 3/4 tons, and for one ton the gap should be about 1/2" when the vehicle is completely unloaded. A cap or fifth wheel plate will reduce or eliminate this gap.

Front SES kits are usually in contact with the front suspension at all times.

For Medium Duty & Heavy Duty Trucks, Trailers, Motor Homes, and more

Medium & Heavy Duty vehicles often have pre-load as outlined in the instruction sheet. (For specific Medium Duty applications with a constant load on the suspension like Rvs, Utility Vans or Cube Vans, the Timbren SES kits are pre-loaded.)

Check clearances when vehicle is empty...

Consider Your Needs..!

Knowing the use of the vehicle will help you to select the right SES kit. For example a one ton truck can be configured as a pick-up, service vehicle or tow truck. Standard capacity or severe service applications are available for many applications.

Knowing that the suspension has been modified or is old and sagging should indicate the need to adjust the ride height to obtain the correct clearance.

This can be done by altering the SES kit (changing rubber spring or bracket) or re-arching the leaf springs to renew the optimum OEM ride height.

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

If ride is unsatisfactory in any way, please call:

TIMBREN INDUSTRIES INC.

1-800-263-3113

www.timbren.com
email: sales@timbren.com