HEAVY-DUTY TRUCK and FLEET

WHEEL ALIGNMENT PRODUCT & TOOLS / BALANCING PRODUCTS
CENTERING PRODUCTS / SUSPENSION & CHASSIS PRODUCTS
STEER AXLE WEDGES

**ZINC** for Light Duty  **GOOD**

- 2 1/2" — 1/2", 1", 1 1/2", 2", 2 1/2", 3", 3 1/2", 4"
- 3" — 1/2", 1", 1 1/2", 2", 2 1/2", 3", 3 1/2", 4"
- 3 1/2" — 1/2", 1", 1 1/2", 2", 2 1/2", 3", 3 1/2", 4"
- 4" — 1/2", 1", 1 1/2", 2", 2 1/2", 3", 3 1/2", 4"

For use on less than 12,000 LB Axle w/o spacer.

**BRONZE** for Medium Duty  **BETTER**

- 2 1/2" — 1/2", 1", 1 1/2", 2", 2 1/2", 3", 3 1/2", 4"
- 3" — 1/2", 1", 1 1/2", 2", 2 1/2", 3", 3 1/2", 4"
- 3 1/2" — 1/2", 1", 1 1/2", 2", 2 1/2", 3", 3 1/2", 4"
- 4" — 1/2", 1", 1 1/2", 2", 2 1/2", 3", 3 1/2", 4"

For use on less than 18,000 LB Axle w/o spacer.

**STEEL** for Heavy Duty  **BEST**

- 4" — 1", 1 1/2", 2", 2 1/2", 3"

For use on Axles over 18,000 LB. Or any axle that uses spacers.

The heavy-duty steel wedge is a must for all 18,000 lb. axles or larger, and any application using a “Z” block spacer or similar.

THRUSTLINE AXLE SHIMS

For changing the Thrustline on both single and tandem axles

Stempf was the FIRST to offer you variable shim sizes (1/32", 1/16", 1/8") to adjust thrustline on big and medium trucks.

"O" thrust equals better alignment, for reduced tire scuff and increased tire life.

We manufacturer a thrust line shim for ALL your needs!

- Peterbilt
- Kenworth
- International
- Navistar
- Hendrickson
- Mack
- Volvo
- Freightliner
- And More

DRIVE AXLE WEDGES

STEEL IS THE DEAL.

Aluminum wedges can literally disintegrate due to corrosive road salt, and dissimilar metal contact. Steel drive axle wedges have the integrity to last the life of the truck!

- 3" x 8 1/2" — 1", 1 1/2", 2", 2 1/2", 3"
- 3 1/2" x 8 1/2" — 1", 1 1/2", 2", 2 1/2", 3"

STEEL HEAVY DUTY TRUCK AXLE WEDGES

OTHER WEDGES CAN FLATTEN AND DISINTEGRATE

THE STEEL AXLE WEDGE HOLDS UP TO THE MOST DEMANDING APPLICATIONS!
# Heavy Duty Truck Alignment

## Wilson Tandem Shim for Hutchins Suspension

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Qty</th>
<th></th>
</tr>
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<tbody>
<tr>
<td>43-408</td>
<td>1/32&quot;</td>
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<td>43-409</td>
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<td>43-410</td>
<td>1/8&quot;</td>
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## Peterbilt Air Leaf Adjustment Shim

<table>
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## Freightliner “FAS Airliner II” Adjustment Shim

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## Freightliner “Double Slot” Air Ride Shim

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## Freightliner Air Glide Adjustment Shim

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## Volvo/White Adjustment Shim

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<td>43-433</td>
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## IHC, Ford, Volvo Torque Arm Adjustment Shim

<table>
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<tr>
<th>Thickness</th>
<th>Qty</th>
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<tbody>
<tr>
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<td>43-442</td>
<td>1/16&quot;</td>
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<tr>
<td>43-443</td>
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</table>

## Hendrickson Adjustable Walking Beam Shim Kit

- **43-447**
  - Includes 2 5-piece kits
  - Each 5 piece kit includes:
    - 2 of 1/8”
    - 1 of 1/16”
    - 2 of 1/32”

Shims install in these locations to correct for thrust line misalignment.

## Kenworth Air Glide “8 Bagger” Spacers

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<th>Qty</th>
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<td>43-553</td>
<td>3/4&quot;</td>
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<td>43-554</td>
<td>1&quot;</td>
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</table>

Hole Size 3/4” or 19mm
Total Size 1-3/8”

## Freightliner Torque Arm Shims

For Freightliner FAS Air Ride

<table>
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<tr>
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<td>43-622</td>
<td>1/16&quot;</td>
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<tr>
<td>43-623</td>
<td>1/8&quot;</td>
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Bolt Size 11/16”
Center to Center 4-3/8”

## Peterbilt/Kenworth Tandem Axle Shims

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<td>43-642</td>
<td>1/16&quot;</td>
</tr>
<tr>
<td>43-643</td>
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</table>

Hole Size 11/16”
Center to Center 4-3/8”
Inside Opening 3-1/4”

## Peterbilt/Kenworth “Low Air” Thrust Angle Shims

<table>
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<tr>
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<tr>
<td>43-646</td>
<td>1/16&quot;</td>
</tr>
<tr>
<td>43-647</td>
<td>1/8&quot;</td>
</tr>
</tbody>
</table>

Hole Size 13/16”
Opening Size 4-3/8”
Center to Center 5-11/16” or 5.672

## International Torque Arm Shims

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Qty</th>
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</thead>
<tbody>
<tr>
<td>43-651</td>
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<td>43-652</td>
<td>1/16&quot;</td>
</tr>
<tr>
<td>43-653</td>
<td>1/8&quot;</td>
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</table>

Hole Size 13/16”
Inside Opening 4-3/8”
Center to Center 5.68 or 5-11/16
**Heavy Duty Truck Alignment**

<table>
<thead>
<tr>
<th>VANHOOL LOWER CONTROL ARM AND BOGEY AXLE SHIM</th>
<th>Thickness</th>
<th>Qty</th>
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<tbody>
<tr>
<td>43-701</td>
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<td>43-702</td>
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</table>

<table>
<thead>
<tr>
<th>VANHOOL UPPER CONTROL ARM AND DRIVE AXLE SHIM</th>
<th>Thickness</th>
<th>Qty</th>
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<tr>
<td>43-707</td>
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<td>43-708</td>
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<td>43-709</td>
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<table>
<thead>
<tr>
<th>PREVOST CASTER SHIMS</th>
<th>Thickness</th>
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<tbody>
<tr>
<td>43-711</td>
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<tr>
<td>43-712</td>
<td>1/16”</td>
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<tr>
<td>43-713</td>
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<td>12</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>PREVOST “H” &amp; “XL” SERIES STEER AXLE CASTER SHIM</th>
<th>Thickness</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>43-715</td>
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<tr>
<td>43-716</td>
<td>1/16”</td>
<td>12</td>
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<tr>
<td>43-717</td>
<td>1/8”</td>
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</table>

<table>
<thead>
<tr>
<th>PREVOST “H” &amp; “XL” SERIES DRIVE AXLE, THRUST LINE &amp; BOGEY AXLE SCRUB ANGLE SHIM</th>
<th>Thickness</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>43-721</td>
<td>1/32”</td>
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</tr>
<tr>
<td>43-722</td>
<td>1/16”</td>
<td>12</td>
</tr>
<tr>
<td>43-723</td>
<td>1/8”</td>
<td>12</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>PREVOST/VANHOOL SHIM ASSORTMENT</th>
<th>PVH-90</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contains 6 each of all series and thickness Prevost and VanHool shims. 90 shims in all! Situated in a sturdy metal storage case for easy organization and reordering.</td>
<td></td>
</tr>
</tbody>
</table>

**BUILD YOUR OWN ASSORTMENT!**

**TAS-2BOX**

A sturdy metal storage container with lots of dividers to create your own assortment! 

---

**HENDRICKSON (HTB) TORQUE ARM SHIM**

For 2007-Up International & Spartan HTB-400 Suspension

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>43-661</td>
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</tr>
<tr>
<td>43-662</td>
<td>1/16”</td>
</tr>
<tr>
<td>43-663</td>
<td>1/8”</td>
</tr>
</tbody>
</table>

**HOLE SIZE 11/16” Center to Center 5-1/4” Inside Opening 4-1/32”**

---

**HENDRICKSON (HTB) TRACK BOX SHIM KIT 43-674**

For 2007-Up International & Spartan HTB-400 Suspension

2 Packages of 5 shims, Including

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/32”</td>
<td>2</td>
</tr>
<tr>
<td>1/16”</td>
<td>1</td>
</tr>
<tr>
<td>1/8”</td>
<td>2</td>
</tr>
</tbody>
</table>

**HOLE SIZE 13/16” Center to Center 2-7/8”**

5 Piece Shim Pack—fills 3/8”

---

**HENDRICKSON (HTB) TRACK BOX SHIM STARTER KIT 43-680A**

For 2007-Up International & Spartan HTB-400 Suspension

Kit services 6 or more axles, 3 or more trucks

Includes all of the following shims (shown above):

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>43-661</td>
<td>1/32”</td>
</tr>
<tr>
<td>43-662</td>
<td>1/16”</td>
</tr>
<tr>
<td>43-663</td>
<td>1/8”</td>
</tr>
<tr>
<td>43-674</td>
<td>n/a</td>
</tr>
</tbody>
</table>

---

MORE THAN 10,000 PRODUCTS AVAILABLE! • WWW.STEMPF.COM
COMPLETE TANDEM SHIM ASSORTMENT

TAS-210

Our Most Complete and Most Popular Assortment!

Assortment Contains:
- 2 ea. Hendrickson Walking Beam Kits (43-447)
- 2 ea. Kenworth 8-Bagger Shims (43-540 Series)
- 4 ea. Freightliner Torque Arm Shims (43-621 Series)
- 4 ea. Peterbilt/Kenworth Shims (43-641 Series)
- 4 ea. IHC Torque Arm Shims (43-651 Series)
- 4 ea. Wilson Hutchins Shims (43-408 Series)
- 6 ea. Peterbilt Air Leaf Shims (43-411 Series)
- 12 ea. Freightliner Single-Slot Shims (43-415 Series)
- 6 ea. Freightliner Double-Slot Shims (43-421 Series)
- 4 ea. Freightliner Air Glide Shims (43-425 Series)
- 6 ea. Volvo/White Shims (43-431 Series)
- 8 ea. IHC Torque Arm Shims (43-441 Series)
- 6 ea. Peterbilt "Low Air" Shims (43-645 Series)

Includes truck and trailer alignment specifications and two sturdy metal storage cases. 210 shims and kits in all! Part numbers are shown on inside lid to make reordering a breeze!

MOST POPULAR TANDEM SHIM ASSORTMENT

TAS-108

Assortment Contains:
- 6 ea. Peterbilt Air Leaf Shims (43-411 Series)
- 12 ea. Freightliner Single-Slot Shims (43-415 Series)
- 6 ea. IHC Torque Arm Shims (43-441 Series)
- 4 ea. Hendrickson Walking Beam Kits (43-447)
- 2 ea. Kenworth 8-Bagger Shims (43-548 Series)
- 6 ea. Peterbilt/Kenworth Shims (43-641 Series)
- 6 ea. IHC Torque Arm Shims (43-651 Series)

Includes truck and trailer alignment specifications and one sturdy metal storage case. 108 shims and kits in all! Part numbers are shown on inside lid for easy reordering!

UNI-WEDGE TRUCK SHIM ASSORTMENT

950-48A

An assortment of 48 Uni-wedge "Break-Off" shims (6 of each taper) to cover a wide variety of spring widths & degree changes.
**Heavy Duty Truck Alignment**

**“UNI-WEDGE” TRUCK CASTER SHIMS**
- One shim covers three spring widths by breaking off from 4” to either 3-1/2” or 3”
- Made of a special heavy-duty zinc for durable service
- A great way to reduce your inventory

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>WIDTH</th>
<th>DEGREE</th>
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</thead>
<tbody>
<tr>
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<td>3&quot;, 3-1/2&quot;, 4&quot;</td>
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<td>3&quot;, 3-1/2&quot;, 4&quot;</td>
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</tr>
<tr>
<td>43-955</td>
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<tr>
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<tr>
<td>43-957</td>
<td>3&quot;, 3-1/2&quot;, 4&quot;</td>
<td>3-1/2°</td>
</tr>
<tr>
<td>43-958</td>
<td>3&quot;, 3-1/2&quot;, 4&quot;</td>
<td>4°</td>
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</table>

**“NO-SLIP” SHIMS**
Durable zinc shims cut your stock in half. Shims can cover two spring widths by being cut to a smaller size.

<table>
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<td>810</td>
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**“UNI-WEDGE” TRUCK CASTER SHIMS**
- One shim covers three spring widths by breaking off from 4” to either 3-1/2” or 3”
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- A great way to reduce your inventory

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<tbody>
<tr>
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<tr>
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<tr>
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<tr>
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<td>3&quot;, 3-1/2&quot;, 4&quot;</td>
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<tr>
<td>43-958</td>
<td>3&quot;, 3-1/2&quot;, 4&quot;</td>
<td>4°</td>
</tr>
</tbody>
</table>

**ZINC** - Die cast manufacturing produces an unmatched finish. Made from a strong material, these heavy-duty shims are priced similar to aluminum. For use on less than 12,000 LB Axle w/o spacer.

<table>
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<td>3°</td>
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<tr>
<td>AL1046*</td>
<td>2-1/2&quot;</td>
<td>5&quot;</td>
<td>3-1/2°</td>
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<tr>
<td>AL1047*</td>
<td>2-1/2&quot;</td>
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<tr>
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<td>43-2062B</td>
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<td>1-1/2°</td>
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<td>2°</td>
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<tr>
<td>43-2064B</td>
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<td>6-1/4&quot;</td>
<td>2-1/2°</td>
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<tr>
<td>43-2065B</td>
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<tr>
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<td>3-1/2°</td>
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<tr>
<td>43-2053B</td>
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<td>2°</td>
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<td>43-2054B</td>
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<td>2-1/2°</td>
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<td>43-2055B</td>
<td>3&quot;</td>
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<td>3°</td>
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<td>43-2056B</td>
<td>3&quot;</td>
<td>6&quot;</td>
<td>3-1/2°</td>
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<td>43-2057B</td>
<td>3&quot;</td>
<td>6&quot;</td>
<td>4°</td>
</tr>
</tbody>
</table>

* Typically sold 6 per box, but also available individually

* Priced individually; typically sold 6 per box

* Available only in non die cast aluminum.

MORE THAN 10,000 PRODUCTS AVAILABLE! • WWW.STEMPF.COM
MANGANESE BRONZE  – Made from the toughest material used in heavy-duty truck shims. They will not crack, spread or mash out and are recommended for heavy-duty service.

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>WIDTH</th>
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<th>CHANGE</th>
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<tr>
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<td>43-1051B</td>
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<td>1°</td>
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<tr>
<td>43-1052B</td>
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<td>2°</td>
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<td>43-1054B</td>
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<tr>
<td>43-1055B</td>
<td>3&quot;</td>
<td>6&quot;</td>
<td>3°</td>
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<tr>
<td>43-1057B</td>
<td>3&quot;</td>
<td>6&quot;</td>
<td>4°</td>
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</tbody>
</table>

ST1051: 8-1/4" long by 3" wide  Drive Axle Wedge  1°
ST1052: 8-1/4" long by 3" wide  Drive Axle Wedge  1.5°
ST1053: 8-1/4" long by 3" wide  Drive Axle Wedge  2°
ST1054: 8-1/4" long by 3" wide  Drive Axle Wedge  2.5°
ST1055: 8-1/4" long by 3" wide  Drive Axle Wedge  3°
ST1061: 8-1/4" long by 3-1/2" wide Drive Axle Wedge  1°
ST1062: 8-1/4" long by 3-1/2" wide Drive Axle Wedge  1.5°
ST1063: 8-1/4" long by 3-1/2" wide Drive Axle Wedge  2°
ST1064: 8-1/4" long by 3-1/2" wide Drive Axle Wedge  2.5°
ST1065: 8-1/4" long by 3-1/2" wide Drive Axle Wedge  3°
ST1071: 6-1/2" long by 4" wide  Steel Caster Wedge  1°
ST1072: 6-1/2" long by 4" wide  Steel Caster Wedge  1.5°
ST1073: 6-1/2" long by 4" wide  Steel Caster Wedge  2°
ST1074: 6-1/2" long by 4" wide  Steel Caster Wedge  2.5°
ST1075: 6-1/2" long by 4" wide  Steel Caster Wedge  3°
**Heavy Duty Truck Tools**

**LEAF SPRING PIN & BUSHING SERVICE KIT**

15000  **CORE KIT ONLY. THIS KIT REQUIRES ONE OR MORE OF THE ADAPTER KITS LISTED BELOW.**

The Pin & Bushing Service Kit removes and installs both rubber isolated and threaded pin bushings from the spring eye and chassis mounts without removing the spring packs from the axle. The hydraulic cylinder creates 20 Tons of pulling power for quiet smooth removal & installation. Components are made from heat treated alloy steels for strength & durability with a black oxide finish that resists corrosion. (Requires 10,000 PSI Hydraulic Power Source)

- Shop service time on these jobs can easily be reduced by up to 70%!
- No handling of large suspension assemblies required
- No removal of spring packs from the axle
- 4140 chrome-moly steel components

**SPRING PIN & BUSHING ADAPTER KITS**

15004-15015  **TigerTool.**

Made from heat treated alloy steels for strength & durability with a Black Oxide finish for extended life. Shipping Weight 3-5 lbs.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>#15004</td>
<td>Paccar Threaded Pin and Bushing #5295</td>
</tr>
<tr>
<td>#15005</td>
<td>Paccar Rubber Isolated Pin and Bushing #B13-1002</td>
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<tr>
<td>#15006</td>
<td>Paccar Rubber Isolated Pin and Bushing #B65-1001</td>
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<tr>
<td>#15007</td>
<td>Paccar Rubber Isolated Pin and Bushing #B65-6005</td>
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<tr>
<td>#15008</td>
<td>Paccar Rubber Isolated Pin and Bushing #B65-1012</td>
</tr>
<tr>
<td>#15009</td>
<td>Paccar Rubber Isolated Pin and Bushing #B65-1006</td>
</tr>
<tr>
<td>#15015</td>
<td>Mack Rubber Isolated Pin and Bushing #10QK254M2 or BJ-1469-1</td>
</tr>
</tbody>
</table>

**HEAVY DUTY KING PIN PRESS**

90150  **TigerTool.**

At over 75% less weight than our closest competitor, the Tiger King Pin Press provides a much more effective, and user friendly design for ease of use, requiring only one technician to operate!

Designed for use on straight and tapered kingpins, and will accommodate sizes from 7/8” to 2 5/32” kingpins.

**LEAF SPRING & SHACKLE PIN SOCKETS**

Remove and install even the most stubborn threaded leaf spring and shackle pins on Volvo and Mack suspensions. Refer to dimensions to ensure compatibility.

- CNC machined from billet chrome-moly steel
- Black oxidize finish for extended durability
- 1” Drive

**HEAVY DUTY MECHANIC’S KIT**

20201  **TigerTool.**

The Heavy Duty Mechanic Combo Kit comes with a variety of popular tools used for servicing driveline, steering and brake components on class 7/8 trucks and buses. Shipping Weight: 32 lbs.

Includes:

- 10102 Heavy Duty Universal Joint Puller
- 10201 Bearing Cup Installer - Traditional Bolt Retained
- 10301 7/8” Tie Rod End Remover
- 10406 Manual Slack Adjuster Puller
- 10407 Rockwell Automatic Slack Adjuster Puller
Heavy Duty Truck Tools

BASIC MOST USED TOOLS FOR HEAVY DUTY TRUCK WORK!

**U-JOINT PULLER**
HEAVY DUTY TRUCKS #10102

**BOLT-RETAINES BEATING CUP INSTALLER**
#10201

**SPL BEARING CUP INSTALLER**
#10217

**SHEPPARD M100 PITMAN ARM PULLER**
#10385

**PITMAN ARM SPREADER**
#10386

**SHEPPARD M110 PITMAN ARM PULLER**
#10389

**ROCKWELL SLACK ADJUSTER PULLER**
#10407

**GUNITE/BRUNNER/ BENDIX SLACK ADJUSTER PULLER**
#10409

**HALDEX MULTI ADJUSTABLE SLACK ADJUSTER PULLER**
#10410

**SLACK ADJUSTER ROD PIN PRESS**
#10502

**HEAVY DUTY YOKE PULLER**
#10803

**HEAVY DUTY UNIVERSAL HUB PULLER**
#10903

**LEAF SPRING PIN SOCKET SET**
#15110

**STRUT COMRESSOR**
#90102

**HEAVY DUTY KING PIN PRESS**
#90150

**AXLE SHAFT PULLER**
#11001

**TIE ROD END REMOVER SET**
#10310

**MANUAL SLACK ADJUSTER**
#10406

**BRAKE CLEVIS PIN PRESS**
#10501

---

1-800 328-4460 • IN MINNEAPOLIS, CALL 952-931-9117
HEAVY DUTY TRUCK TOOLS

HEAVY DUTY TRUCK SPRING PINS & BUSHINGS

<table>
<thead>
<tr>
<th>POPULAR SPRING PINS (each)</th>
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<tbody>
<tr>
<td>KIT #</td>
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<tr>
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<tr>
<td>BSP38-2</td>
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<tr>
<td>BSP50-1</td>
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<tr>
<td>BSP70-1 (Threaded)</td>
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TRUCK TIE ROD SOCKET

5068

Designed to withstand the force of a 3/4" drive impact wrench, this rugged socket makes truck tie-rod end removal quick and simple.

- Works on inner and outer tie-rod ends on 12,000 to 16,000lb truck axles
- Wt., 3 lbs., 4 oz.

LUG NUT CAP REMOVER

88-1101

Chrome-plated lug nut caps found on many heavy-duty trucks and trailers can be tough to remove, and they're easily damaged if you pry them off or use an ordinary cap remover. This tool avoids those problems. It is ruggedly built and features specially coated jaws that won't slip off the caps, no matter how much squeezing force you apply.

- Features cushioned handles.

HEAVY DUTY STUD BRUSH

X-2756-SB

NEW Design with Build In 1/2" Drive for use with your impact or cordless tool!

- 20/22mm Wheel Stud Cleaner
- Light weight and balanced
- Enclosed design provides greater durability
- Use on steer, drive or trailer wheel studs
- Heavy duty .010 wire diameter stainless steel brushes
- Independent brushes can be rotated for maximum brush life
- Replacement brushes available - part X-2757-WB

THREADED CHROME CAP COVER REMOVAL TOOL

X-3151

Features:

- Made Out Of Billet Aluminum
- Won't Split Or Crack In Severe Weather
- Torque Recommendation: do not exceed 20 ft. lbs.
- FOR THREADED CAP/Cover ONLY

Can Be Used With:

- 7/16” (6 point deepwell socket) and ratchet
- 7/16” (6 point box end wrench)

MACK KINGPIN SOCKET

OTC5053

Here is a socket that makes life a little easier for anyone who works on Mack trucks. Designed for 1/2” square drive ratchet or breaker bar, the socket fits the slotted adjusting screw in tapered kingpins used on most Mack front axles (12,000 to 20,000 lbs.).

TIRE TRUER BLADE & STONE

BLADE PART#: 53
STONE PART#: 47
TANDEM TRACKER SET FOR ALUMINUM WHEELS
WA1890
The WA1890 Tandem Tracker Set for Aluminum Wheels (up to 28") is used to help measure the tracking of the tandem axles in relation to the Kingpin Extension and the front and rear axles on the tandem. They establish the measuring point from the center of the wheel to the Kingpin Extension and between the centers of the front and rear axles on the tandem. The Trackers clamp on the outside of the wheel so they will not damage aluminum wheels.

LO PROFILE EXTENDER BAR
WA1877
The WA1877 Lo Profile Extender Bar is designed to lower the measuring point of the tandems from the hub, making it easy to measure the tracking of low profile trailers such as car carriers, moving vans and low beds. The Extender Bar is slipped over the measuring rod on the WA 1888 Tandem Tracker or over the low profile sleeve on the WA1890 Tandem Trackers for Aluminum Wheels, placed against the sidewall of the tire and leveled with the leveling bubble. Measurements can then be made back from the WA1889 Kingpin Extension for standard trailers or the WA1887 Lo Profile Kingpin Extension.

MAGNETIC GAUGE RIM ADAPTOR
WA1099
For all trucks with up to a 28" maximum wheel diameter. This magnetic rim adaptor can be used on trucks when the hub is inaccessible by any other means. By use of hand tightened set screws and a thumb screw, the adaptor can be easily attached to the rim for accurate measurements and adjustments.

NEEDLE-POINT Scribe
301-S
A needle point scribe to get a sharp line. For 301 type toe gauge. Spring loaded, self-adjusting.

TRACTOR TRACKER "U" BOLT EXTENSION
WA1896
The WA1896 Tractor Tracker "U" Bolt Extension Set is used to measure the tandem axles on tractors in relationship to the front spring "U" Bolts. The extenders establish a measuring point to the "U" Bolts on front axles to measure to the rear tandems. Two of the extenders have 7/8" threads and two have 3/4" to accommodate the most popularly used "U" Bolts. The extenders should be used with the WA1877 Low Profile Extender Bar and either of the WA1888 Tandem Tracker series for steel wheels or the WA1890 Tandem Trackers for aluminum wheels.

Serving the Industry 1938-2018

1-800 328-4460 • IN MINNEAPOLIS, CALL 952-931-9117
Medium/Light Duty Truck Alignment

**ADJUSTABLE FORD, DODGE, GM & MAZDA TRUCK BUSHINGS**

True 0° feature allows ALL settings … from 0° on up!

- New "DUAL AXIS" design for up to 25% greater range of adjustment
- "Technician Friendly" feature makes on-the-vehicle adjustments a snap!
- Universal adjustable design allows all camber/caster or combination adjustments with one part number
- 1 Bushing Per Package

**44-5094**

Applications:
- Ford: Explorer 4x4 & 4x2 1991-94
- Ranger 4x4 & 4x2 1990-97
- F-150, F-250, F-350 4x2 1987-96
- F-250, F-350, Super Duty 4x2 1998-98
- Econoline Van 1992-99
- Excursion 4x2 2000-06
- Mazda: Navajo 4x4 & 4x2 1991-94
- Pickup 4x4 & 4x2 1994-99

*NOTE:* Use for positive change only on 4x2 Applications. Be sure to check for clearance when installing in negative position on 4x4 Applications.

**44-5032**

Applications:
- Ford: F-150 4x4 1980-96
- F-250 4x4 1980-97
- F-350, F-450, F-550 4x4 1992-96
- F-250, F-350, F-450, F-550 4x4 1998-04
- F-550 Super Duty 4x4
- Dodge: Ram 2500, 3500 4x4 1994-99
- Ram 2500, 3500 4x4 1994-02

**44-5036**

Applications:
- Ford 2005-2018
- F-250 Super Duty
- F-350 Super Duty
- 4x4 Super Duty

**44-5037**

Applications:
- 2005-2018
- Ford: F-250 & F-350
- 4x4 Super Duty
- GMC: Top Kick
- 2003-2009
- Chevy: Kodiak

**MAX-A-JUST ASSORTMENT MAJ-16**

Just 4 part numbers correct ALL possible camber/caster combinations on most popular light trucks utilizing ball joint alignment bushings! This assortment will not only keep your inventory in check, it will take the clutter out of your shop.

Assortment Includes:
- HXR-94 - qty 6
- SD-X05 - qty 4
- SDH-X05 - qty 2
- FXR-32 - qty 4
- Plus a FREE metal storage box!

**CAMBER/CASTER ADJUSTMENT BUSHINGS**

**SD SERIES 44-6000A**

2 of each size bushing (22 total)

**Applications:**
- Ford: F-250/F-350 4x4 Super Duty 2005-18

**44-6001 THRU 44-6011**

11 Sizes Available From 0° to 2.5°

**CAMBER/CASTER ADJUSTMENT BUSHINGS**

**SDH SERIES 44-6200A**

2 of each size bushing (18 total)

**Applications:**
- Ford: F-450/F-550 4x2 & 4x4 2005-09
- Chevrolet: Kodiak 4x4 2005-09
- GMC: Top Kick 4x4 2005-09

**44-6021 THRU 44-6029**

9 Sizes Available From 0° to 2°

**“SUPERLOK”™ ALIGNMENT BUSHING RETENTION SYSTEM**

**SL SERIES**

SOLVES potential bushing movement on E-Series modified chassis commercial & fleet applications

**SL-14 Assortment**

2 of each size bushing (14 total)

**Applications:**
- F250, F350, F450, F550 1997-18
- Super Duty (TIB) 2WD

**42-970 SERIES THRU 42-980**

7 SIZES AVAILABLE FROM 0° TO 3°

**FORD F-150 2WD BRAKE LATHE ROTOR ADAPTER 5532**

STOP TURNING AWAY F-150 BRAKE JOBS!

This brake lathe rotor adapter set is designed to mount 2004-2008 Ford F-150 2WD front rotors with the pressed-in wheel bearings.

The kit consists of 2 pieces: one slides in from the back to the center of the rotor and the other has a stud securing arm that slides in from the front to center the rotor.

MORE THAN 10,000 PRODUCTS AVAILABLE! • WWW.STEMPF.COM
CAMBER/CASTER BUSHINGS FOR FORD & MAZDA VEHICLES WITH PINCH BOLT AXLES

49-950 / 42-960 SERIES (HR SERIES)

Change camber, caster or a combination of both on late model Ford & Mazda vehicles with pinch bolt axles.

42-950A ASSORTMENT - 2 of each size bushing, including EX bushings – 28 total (Does not include 0° size).

15 SIZES AVAILABLE FROM 0° TO 3.5°*

*Note: For positive change only on 2WD applications. On 4WD applications be sure to check for clearance when installed in a negative position.

Applications:

<table>
<thead>
<tr>
<th>Model</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ford</td>
<td>1991-94</td>
</tr>
<tr>
<td>Ranger</td>
<td>1990-97</td>
</tr>
<tr>
<td>F-150, F-250, F-350 4x2</td>
<td>1987-96</td>
</tr>
<tr>
<td>F-250, F-350 Super Duty 4x2</td>
<td>1998-11</td>
</tr>
<tr>
<td>F-250, F-350 4x4</td>
<td>2005-13</td>
</tr>
<tr>
<td>Econoline Van</td>
<td>1992-18</td>
</tr>
<tr>
<td>Excursion 4x2</td>
<td>2000-06</td>
</tr>
<tr>
<td>Navajo 4x4 &amp; 4x2</td>
<td>1991-94</td>
</tr>
<tr>
<td>Pickup 4x4 &amp; 4x2</td>
<td>1994-99</td>
</tr>
</tbody>
</table>

CAMBER/CASTER BUSHINGS FOR FULLSIZE 4X4S

44-5000 SERIES (FSD SERIES)

44-5000A ASSORTMENT

2 of each size bushing – 22 total (Does not include 0° size).

12 SIZES AVAILABLE FROM 0° TO 2.75°

Applications:

<table>
<thead>
<tr>
<th>Model</th>
<th>Years</th>
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</thead>
<tbody>
<tr>
<td>Ford</td>
<td>1980-97</td>
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<tr>
<td>F-150 4x4</td>
<td>1998-04</td>
</tr>
<tr>
<td>F-250 4x4</td>
<td>1997-98</td>
</tr>
<tr>
<td>F-350, F-450 4x4</td>
<td>1999-04</td>
</tr>
<tr>
<td>F-550 Super Duty 4x4</td>
<td>2002-05</td>
</tr>
<tr>
<td>Ram 2500, 3500 4x4</td>
<td>1994-99</td>
</tr>
<tr>
<td>Ram 2500, 3500 4x2</td>
<td>1994-99</td>
</tr>
</tbody>
</table>

FORD/MERCURY CASTER/CASTER “QUICK-CAMS”

44-767

- Replaces non-adjustable OE cam locking plate
- Does not require removal & re-installation of entire cam bolt assembly
- 3/8” square “Quick-Adjust” feature for easy settings
- Kit includes 2 “Quick-Cams”
- One kit required per vehicle

Applications:

<table>
<thead>
<tr>
<th>Model</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ford</td>
<td>1995-01</td>
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<tr>
<td>Explorer 2WD</td>
<td>1995-01</td>
</tr>
<tr>
<td>Mercury</td>
<td>1995-01</td>
</tr>
<tr>
<td>Mountaineer (w/new SLA Suspension)</td>
<td>1995-01</td>
</tr>
<tr>
<td>Ford Ranger</td>
<td>1998-12</td>
</tr>
</tbody>
</table>

EXPLORER/MOUNTAINEER/AVIATOR CAMBER & CASTER KITS

Full kit simply adjusts camber/caster on both sides of vehicle.

FRONT 44-771

Applications:

<table>
<thead>
<tr>
<th>Model</th>
<th>Years</th>
</tr>
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<tbody>
<tr>
<td>Ford</td>
<td>2002-05</td>
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<tr>
<td>Lincoln</td>
<td>2003-05</td>
</tr>
<tr>
<td>Mercury</td>
<td>2002-05</td>
</tr>
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</table>

Adjustment Range:

Front 0 to ± 1.0°

REAR 44-773

Applications:

<table>
<thead>
<tr>
<th>Model</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ford</td>
<td>One Kit</td>
</tr>
<tr>
<td>Lincoln</td>
<td>One Kit</td>
</tr>
</tbody>
</table>

Adjustment Range:

Front 0 to ± 1.0°

Rear 0 to ± 0.5°

FORD F150 FRONT CAMBER/CASTER KIT 44-791

- This kit provides a steel guide with cam assemblies to make accurate and easy adjustment of camber and caster
- Allows for future adjustments
- No need to remove the OE bolt or stabilizer
- Adjustment Range: ± 1° Camber ± 1° Caster

Applications:

<table>
<thead>
<tr>
<th>Model</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ford F-150 4x2 &amp; 4WD</td>
<td>2004 &amp; 18</td>
</tr>
<tr>
<td>Ford Expedition</td>
<td>2007 &amp; 18</td>
</tr>
<tr>
<td>Lincoln Mark LT</td>
<td>2006 &amp; Up</td>
</tr>
<tr>
<td>Lincoln Navigator</td>
<td>2007 &amp; Up</td>
</tr>
</tbody>
</table>

1-800 328-4460 • IN MINNEAPOLIS, CALL 952-931-9117
NISSAN 4X4 CAMBER/CASTER KIT
44-820
- Makes vehicles fully adjustable for camber and caster
- Unique design allows fast & easy "on-vehicle" adjustment
- Works with OE cam guide, cutting installation time greatly
- 4 pieces included
- One kit required per vehicle

Adjustment range: ± 1.0°

Applications:
- Nissan Armada 2WD/4WD 2005-15
- Armada Frontier 2WD/4WD 2005-18
- Pathfinder 2WD/4WD 2003-12
- Titan 2WD/4WD 2004-15
- NissXterra 2005-15
- Suzuki Equator 2009-12

JEEP UPPER CAMBER/CASTER ADJUSTABLE BALL JOINT
44-2493
- New adjustable camber/caster upper ball joint for applications where limited factory adjustment is available
- Adjustment range of -1° to +1° change

Applications:
- Jeep Commander 2006-10
- Grand Cherokee 2005-10

1 ball joint per package

JEEP CHEROKEE & GRAND CHEROKEE ADJUSTABLE LOWER BALL JOINTS

Adjustment range: ± 1.75°

44-2491 1999-04 GRAND CHEROKEE WJ
44-2490 1993-98 GRAND CHEROKEE ZJ
44-2490 1984-01 CHEROKEE XJ

1 ball joint per package

DODGE RAM 1500 4X4 ADJUSTABLE LOWER BALL JOINTS

Adjustment range: ± 1.75°

44-2492 1994-99 RAM 1500 4X4
44-2494 2000-01 RAM 1500 4X4

1 ball joint per package

DODGE RAM 2500/3500 ADJUSTABLE CAMBER UPPER BALL JOINTS

Adjustment range: ± 1.0°

44-2496 2000-02 RAM 2500/3500 4X4
44-2497 2003-18 RAM 2500/3500 4X4

NEW BODY STYLE!

FRONT CAMBER/CASTER CAM BOLT KITS

Provides camber and caster adjustments on vehicles with frozen OE bolts.

- Four bolts per kit
- Adjusts both sides
- Adjustment range: ±1.5°

44-826
- Applications:
  - Toyota Tacoma 1995-04
  - Toyota 4-Runner 1996-02
  - Toyota Tundra 2WD/4WD 2000-06

44-827
- Applications:
  - Toyota Tacoma 2005-15
  - Toyota 4-Runner 2003-09
  - Toyota Toyota FJ Cruiser 2007-09
  - Lexus GX 2003-09

44-828
- Applications:
  - Toyota 4-Runner 2WD/4WD 2010-2018
  - Toyota FJ Cruiser 2010-2014
  - Toyota Tacoma 2WD/4WD 2016-2018

DODGE/JEEP FRONT CAMBER KIT
44-794
- Adjustment range: ±1.5° camber
- Kit adjusts both sides
- Designed to provide adjustment where no OE adjustment is available

Applications:
- Dodge Durango 2011-18
- Jeep Grand Cherokee 2011-18

DODGE/JEEP FRONTcaster KIT
44-795
- Adjustment range: +1° camber
- Kit contains 2 cams. Adjusts both sides
- Designed to provide adjustment where no OE adjustment is available

Applications:
- Dodge Durango 2011-18
- Jeep Grand Cherokee 2011-18

MORE THAN 10,000 PRODUCTS AVAILABLE! • WWW.STEMPF.COM
DODGE UPPER ADJUSTABLE BALL JOINT

**44-2610 4500/5500 MODELS**
- Quick and easy replacement of a non-adjustable OEM ball joint
- Greasable design for extended durability
- Allows for continuous future adjustments
- Adjustment range: ±1.0° camber/caster on 2WD
- ±1.0° camber 4WD
- 1 per package (adjusts one side)
- 2008 & Newer Dodge Truck (2WD & 4WD)

**DODGE LIGHT TRUCK ADJUSTABLE UPPER CAMBER/CASTER BALL JOINT**

**44-2489**
- Adjustment range: ±3°

**Applications:**
- Dodge 1500 4x4 & 4x2 2006-2018

**DODGE CAMBER ADJUSTABLE BALL JOINTS 4WD OLD BODY STYLE**
This adjustable upper ball joint allows easy adjustment of camber with a simple turn of the ball stud.

**44-2496**
- Adjustment Range: 0 to ±1.0°
- Required/Vehicle: Two

**Applications:**
- Dodge Ram 2500/3500 4WD 2000-05

**44-2497**
- Adjustment Range: 0 to ±1.0°
- Required/Vehicle: Two

**Applications:**
- Dodge Ram 2500/3500 4WD 2003-18

**DODGE RAM CAMBER/CASTER CAM BOLT & PLATE KIT**

**44-792**
- Precise easily-controlled front adjustments
- Fast bolt-on installation; no drilling or modifying required
- Allows for future adjustments
- 4 cam bolts & hardware per package

**Applications:**
- Dodge Ram 1500 4x2 & 4x4 2002-05

**DODGE SPRINTER & FREIGHTLINER VAN CAMBER SHIMS**

**42-4431 - 1°  42-4434 - 2°**
- Makes non-adjustable vehicles fully adjustable for camber
- Unique design allows fast and easy, smooth and accurate one-time adjustment
- Designed to install & lock in place without falling out

**Applications:**
- Dodge Sprinter Van 2002-06
- Freightline Van 2002-06

**DODGE TRUCK CASTER/PINION ANGLE CAM BOLT KIT**

**44-824**
- Designed to provide adjustment where OE bolts are frozen or corroded
- Two bolts per kit. Adjusts both sides
- Adjustment range: ±1°-1.50° caster

**Applications:**
- Dodge 2500 and 3500 4x4 Pickups 1999-13

**“ADJUSTABLE OFFSET” CAMBER BALL JOINT**

**44-2492**
Direct replacement for all TRW #10253 & Moog #K8195 Ball Joints
- Replaces the factory non-adjustable lower ball joint
- Only ONE part number for all corrections!
- Adjustable for all future alignment needs
- Easy installation with use of ball joint press adapter set 88-7900A

**Applications:**
- Dodge Ram 1500 and 2500 L.D. 4x4
- Ford w/Dana 44 axle
- Chevrolet/GMC w/Dana 44 axle

**JEEP UPPER CAMBER/CASTER ADJUSTABLE BALL JOINT**

**44-2495**
Designed to fit into factory upper control arm — no need to replace entire O/E control arm assembly.
- Adjustment range: -1° to +1°
- Required: 1 kit per axle

**Applications:**
- Jeep Grand Cherokee 2011-15
- Dodge Durango 2011-15

1-800-328-4460 • IN MINNEAPOLIS, CALL 952-931-9117
Medium/Light Duty Truck Alignment

GM TRUCK ADJUSTABLE UPPER CAMBER/CASTER BALL JOINT

44-2498

- Adjustment range: ±3°

**Applications:**
- GM Pickups & SUVs 2500/3500 Models 2000-13
- GM 1500 HD Pickups 2000-13

GM REAR OFFSET CAMBER/TOE CAM NUT

44-775

This cam nut replaces the non-adjustable nut on the rear lower control arm of GM's Theta platform. The offset nut provides ± 1 degree of toe change when used in conjunction with the stock camber nut. This kit can be used to adjust either the camber or toe adjusting bolts.

**Applications:**
- Chevrolet Equinox 4x4/4x2 2005-18
- Pontiac Torrent 4x4/4x2 2006-10
- Saturn Vue 4x4/4x2 2002-09
- Suzuki 4x4/4x2 2007-09

CHEVROLET ADJUSTABLE UPPER CAMBER/CASTER BALL JOINT

44-2499

- Adjustment range: ±3°

**Applications:**
- Chevrolet Tahoe 2WD/4WD 1999-06
- Chevrolet Express Van 1500/2500 Savana 2WD 2003-18
- Chevrolet Express Van 1500/2500 Savana 4WD 2003-18
- Chevrolet Silverado 1500 2WD/4WD 1999-06

CAMBER/CASTER ADJUSTMENT BUSHINGS

SDH SERIES 44-6200A

44-6020A

2 of each size bushing (18 total)

**Applications:**
- Ford F-450 / F-550 4x2 & 4x4 2005-18
- Chevrolet Kodiak 4x4 2005-09
- GMC Top Kick 4x4 2005-09

44-6021 THRU 44-6029

9 Sizes Available From 0° to 2°

CAMBER/CASTER ADJUSTING CAMS

FOR CHEV. & GMC TRUCKS

41-8250

For the improved suspension system on 1988-2000 GM trucks. Allows camber & caster to be adjusted ±1.25°.

**Applications:**
- Chevrolet 1/2, 3/4 and 1 Ton Pick-Ups 2 W/D and 4 W/D 1988-00
- Suburban - 2 W/D and 4 W/D 1992-00
- GMC 1/2, 3/4 and 1 Ton Pick-Ups 2 W/D and 4 W/D 1988-00
- Suburban - 2 W/D and 4 W/D 1992-00

COLORADO/CANYON/HUMMER CAMBER KIT

44-2507

- Replace original equipment non-adjustable cam with Stempf’s “Quick Cam” - featuring easy-to-access allen wrench slot
- Unique design allows fast & easy "on-vehicle" camber/caster adjustment
- Works with original equipment bolt, cutting greatly the installation time

**Applications:**
- Chevrolet Colorado 4x4 2004-12
- GMC Canyon 4x4 2006-12
- Hummer H3 4x4 2006-10
- Isuzu I35/I8 4x4 2006-10

GMC/CHEVY TRUCK CAM GUIDE PINS

44-2508

- 12 per pack
- Fast & Easy to Install
- 4x4 & 4x2 Applications
- Solve the BROKEN Cam Guide pin problem
- Pin Replaces Broken Guide Pins on Chevy, GMC & Hummer vehicles

**Applications:**
- Chevrolet/GMC Hummer Truck 4x4 & 4x2 1999-18

GMC/CHEVY TRUCK CAM GUIDE PINS

44-2508

- 12 per pack
- Fast & Easy to Install
- 4x4 & 4x2 Applications
- Solve the BROKEN Cam Guide pin problem
- Pin Replaces Broken Guide Pins on Chevy, GMC & Hummer vehicles

**Applications:**
- Chevrolet/GMC Hummer Truck 4x4 & 4x2 1999-18

GMC TRUCK ADJUSTABLE UPPER CAMBER/CASTER BALL JOINT

44-2498

- Adjustment range: ±3°

**Applications:**
- Chevrolet Tahoe 2WD/4WD 1999-06
- Chevrolet Express Van 1500/2500 Savana 2WD 2003-18
- Chevrolet Express Van 1500/2500 Savana 4WD 2003-18
- Chevrolet Silverado 1500 2WD/4WD 1999-06

COLORADO/CANYON/HUMMER ADJUSTABLE UPPER CAMBER/CASTER BALL JOINT

44-2499

- Adjustment range: ±3°

**Applications:**
- Chevrolet Colorado 4x4 2004-12
- GMC Canyon 4x4 2006-12
- Hummer H3 4x4 2006-10
- Isuzu I35/I8 4x4 2006-10

44-2509

1/2 ton Chevrolet & GMC 4x4 & 4x2

44-2510

3/4 & 1 ton Chevrolet & GMC 4x4 & 4x2 (thru 2013)
EXPEDITION/NAVIGATOR FRONT CAM BOLT KIT WITH GUIDES

**44-786**

Full kit simply adjusts camber/caster on both sides of vehicle.

<table>
<thead>
<tr>
<th>Applications</th>
<th>Adjustment Range</th>
<th>Required/</th>
<th>Vehicle:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ford Expedition 4x2 &amp; 4x4</td>
<td>2003-06</td>
<td>0 to ± 1°</td>
<td>One Kit</td>
</tr>
<tr>
<td>Lincoln Navigator 4x2 &amp; 4x4</td>
<td>2003-06</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**KINGPIN CAMBER ECCENTRIC FOR 1-TON 4X4’S**

**44-910**

Adjustable for the life of the vehicle!

Features internal cam design for simple installation.

Fully adjustable over a ± 1.50° range of camber. For all Ford, GM & Dodge H.D. 3/4 & 1-Ton vehicles with Dana 60/70 model closed kingpin axle.

<table>
<thead>
<tr>
<th>Applications</th>
<th>Adjustment Range</th>
<th>Required/</th>
<th>Vehicle:</th>
</tr>
</thead>
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<tr>
<td>Ford Expedition 4x2 &amp; 4x4</td>
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<td>0 to ± 1°</td>
<td>One Kit</td>
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<tr>
<td>Lincoln Navigator 4x2 &amp; 4x4</td>
<td>2003-06</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FORD/LINCOLN CAMBER/CAMBER CAM BOLT KIT**

**42-778-4**

- For models NOT equipped with factory installed cam bolt system
- Provides ± 1.25° range of adjustment per wheel
- 3/8” square “Quick-Adjust” feature for fine tuning
- Kit includes 4 special bolts and 8 "Quick-Cams" and self-locking nuts

One kit required per vehicle.

**EXPEDITION/NAVIGATOR REAR CAM BOLT KIT WITH GUIDES**

**44-784**

Full kit simply adjusts camber/caster on both sides of vehicle.

<table>
<thead>
<tr>
<th>Applications</th>
<th>Adjustment Range</th>
<th>Required/</th>
<th>Vehicle:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ford Expedition 4x2 &amp; 4x4</td>
<td>2003-06</td>
<td>0 to ± 1°</td>
<td>One Kit</td>
</tr>
<tr>
<td>Lincoln Navigator 4x2 &amp; 4x4</td>
<td>2003-06</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FORD EXPEDITION/LINCOLN NAVIGATOR CAMBER/CAMBER ADJUSTABLE CAM BOLT SET**

**44-790**

- Allows for future adjustments
- Makes accurate & easy adjustments to camber/caster
- Adjustment range of ± 2.0° camber, ± 1.5° caster

<table>
<thead>
<tr>
<th>Applications</th>
<th>Adjustment Range</th>
<th>Required/</th>
<th>Vehicle:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ford Expedition 2WD/4WD</td>
<td>2007-18</td>
<td>Kit contains 4 bolts (adjusts both sides)</td>
<td></td>
</tr>
<tr>
<td>Ford F150 2WD/WD/SVT Raptor</td>
<td>2009-18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lincoln Navigator 2WD/4WD</td>
<td>2007-18</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FORD F150 FRONT CAM BOLT KIT**

**44-789**

<table>
<thead>
<tr>
<th>Applications</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ford F150 2WD/4WD</td>
<td>1997-03</td>
</tr>
<tr>
<td>Lincoln Navigator</td>
<td>1997-03</td>
</tr>
</tbody>
</table>

**FORD F150 FRONT GREASEABLE CAM BOLT KIT**

**44-864**

- Adjustment range of ± 2.0° camber, ± 1.5° caster

<table>
<thead>
<tr>
<th>Applications</th>
<th>Adjustment Range</th>
<th>Required/</th>
<th>Vehicle:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ford F150 2WD/4WD</td>
<td>2004-08</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lincoln Mark LT 2WD/4WD</td>
<td>2006-08</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1-800 328-4460 • IN MINNEAPOLIS, CALL 952-931-9117
Medium/Light Duty Truck Tools

QUICK ALIGNMENT SOCK
1767
- Used to adjust axle alignment on the Primaax air suspension.
- Works on Primaax models 230, 460, and 690 rear suspensions.
- Hendrickson - Approved tool.

QUICK WRENCH
1768
- Reduces maintenance time by eliminating the need to remove the tires to gain access to the end cap bolt.
- Use with the following Hendrickson PRIMAAX suspensions:
  - Type A - PAX 230/460/690 and FMX 240/480 with 8-1/2" Ride Height
  - Type B - PAX 230/460/690 with 10" Ride Height

TIE ROD SOCKET FOR MEDIUM-DUTY TRUCKS
6065
Here’s a heavy-duty tool for removing tie rod ends on Chrysler, Ford, and GM 1-ton trucks. It also works on many medium-duty trucks, Class 2 through 6.
Accommodates a 1/2" drive impact wrench.

TRUCK FRONT LEAF SPRING AND BUSHING SERVICE SET
5080A
- Delivers 10 tons of hydraulic force to remove and install truck front spring eye bushing assemblies quickly and easily.
- Services bushings with diameters from 1-1/4" through 1-7/8". Handles all popular OE and aftermarket components.
- Service bushing assemblies, in many cases, without removing leaf spring hangers and spring assemblies from the vehicle.
- All accessories are included except the hydraulic hand pump, which must be purchased separately.

PITMAN ARM PULLER
7310A
This puller is designed for the toughest Pitman arm jobs. They’re adjustable and have rugged forged jaws shaped to fit the job. Two clamp bolts lock the jaws on the Pitman arm, ensuring a solid grip. Includes an adapter for added versatility. Both pullers cover a variety of pulling jobs.
- For medium- and heavy-duty trucks.
- Max jaw spread: 2-1/4".

PITMAN ARM PULLER
7311A
- Adjustable with special replaceable forged jaws.
- Two clamp bolts lock jaws on Pitman arm.
- Can perform other pulling jobs.
- Services cars and light trucks to 3/4-ton.

LARGE C-FRAME
6736
Required for use with No. 6735 Sprinter Van Ball Joint Kit.
When used with OTC No. 6730 Update Kit, you can expand the applications of OTC Nos. 7249, 7918, and 6530 Ball Joint Kits.

FORD AXLE SHAFT SEAL INSTALLERS
6697
Correctly installs the seal onto the axle shaft and into the wheel knuckle, preventing front hub vacuum leaks that would cause the 4WD to not engage.
Works on 2005-newer Ford F-250, F-350, 4X4s having the vacuum-operated front axle.
FORD SUPER-DUTY TRUCK TIE ROD TOOL

88-1700

Includes:
- 4 tie rod adjusting tools for:
  - Compact cars with 3/4" diameter adjusting sleeves
  - Full-size cars with 7/8" diameter adjusting sleeves
  - Light trucks with 1-1/8" diameter adjusting sleeves
  - Ford 3/4-ton and 1-ton trucks with 1-13/16" diameter adjusting sleeves

Pitman arm adjusting tool for:
- Ford 3/4-ton and 1-ton trucks with 1-7/16" diameter adjusting sleeves

Also includes a custom storage case.

TIE/ROD PITMAN ARM ADJUSTING TOOL SET 6275

Includes:
- Applications: Super-Duty F250, 350, 450 and 550 2WD and 4WD

FORD AXLE SHAFT SEAL INSTALLERS 6698

Correctly installs the seal onto the axle shaft and into the wheel knuckle, preventing front hub vacuum leaks that would cause the 4WD to not engage.

Works on 2005-newer Ford F-450, F-550, 4X4s having the vacuum-operated front axle.

MACPHERSON STRUT SPRING HOOK COMPRESSOR 7294

These devices quickly and easily compress most sizes of MacPherson strut springs. Setup is fast and simple. Compression is achieved by alternating from one assembly to another. Each device has a heat-treated alloy thrust screw (5/8"-11 x 12") with forged hooks.

TANDEM ALIGNMENT ADAPTER

Easily align Hendrickson, Neway, Reyco and Ridewell Suspensions … without cutting, welding or special tools!

Precision made to be installed in place of the original beam end adapter. Each cam adapter will make a 1/2" total movement at the beam. (Axle end will move approximately twice that amount.) One adapter at each axle corrects most alignment problems.

PART NO. 94844

<table>
<thead>
<tr>
<th>APPLICATION</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hendrickson 380</td>
<td>5-3/4&quot;</td>
</tr>
<tr>
<td>Neway ARD 238/244</td>
<td>5-3/4&quot;</td>
</tr>
<tr>
<td>Reyco 238/244</td>
<td>5-3/4&quot;</td>
</tr>
<tr>
<td>Ridewell RD202</td>
<td>5-3/4&quot;</td>
</tr>
</tbody>
</table>

1-800 328-4460 • IN MINNEAPOLIS, CALL 952-931-9117
Alignment Equipment

CASTER/CAMBER GAUGE
WA684

An accurate magnet caster/camber gauge that attaches to the machined hub surface by the industry’s most powerful Alnico magnet. Don’t worry about bearing run-out or wheel run-out. This unit is fast and eliminates any guessing or errors with positive individual calibrated levels.

HEAVY DUTY TRUCK TURNPLATES
15,000 LB WEIGHT CAPACITY PER PLATE

25-24-S
18” x 18” x 2 1/2” tall

25-24-SSP
18” x 18” x 2 1/2” tall

25-24
18” x 18” x 2 1/2” tall

25-24-P
18” x 18” x 2 1/2” tall

25-24-A
18” x 18” x 2” tall · Alum-40 lbs ea

MEDIUM DUTY TRUCK TURNPLATES
7,500 LB WEIGHT CAPACITY PER PLATE

25-130
15” x 15” x 1 1/2” tall

25-131
15” x 15” x 1 1/2” tall

25-131-P
15” x 15” x 1 1/2” tall

HEAVY DUTY TURNPLATE REPLACEMENT 1/2” NYLON BALLS
41-50-1
188 Balls. Covers both Heavy Duty Plates.

HEAVY DUTY PLATE REPAIR KIT
CH11HD
Repair Kit includes:
• (188) 1/2” Celcon balls
• (2) zinc internal washers
• (8) carbon springs
• (2) carbon top screws
• (2) HD retainers
• (4) zinc lock pins
• (2) carbon bottom set screws

MORE THAN 10,000 PRODUCTS AVAILABLE! • WWW.STEMPF.COM
TOE BAR ASSEMBLY

301-P
This is a simple, inexpensive method of testing toe on front and rear wheels of all passenger cars to medium-duty trucks. Includes pointers. Scribe available separately.

TOE BAR FOR LARGE TRUCKS

WA515
Adjustable to hub height for greater accuracy. Built of heavy-duty castings and bright zinc 18-gauge welded steel tubing, 8 ft. in length to assure long life w/o bar distortion. Graduated in 1/32" and mm. Includes 10" stands, 11" and 17" pointers and a WA516 Scribe.

TANDEM TRACKER SET

WA1888L
The WA1888 Tandem Tracker Set is used to aid in measuring the tracking of the tandem axles in relation to the Kingpin Extension and the front and rear axles on the tandem. They establish the measuring point from the center of the wheel to the Kingpin Extension and between the centers of the front and rear axles on the tandem.

LO PROFILE KINGPIN EXTENSION

WA1887
The WA1887 Lo Profile Extension for car carriers and low profile trailers simplifies fast, accurate measurements from the kingpin center to the trailer tandems. It is designed especially for car carriers, furniture vans, low beds and all other trailers that have a very low profile. It is used in conjunction with the WA1977 Lo Profile Extension Bar and the WA1888 Tandem Tracker or the WA1890 Tandem Tracker for Aluminum Wheels, which brings the contact point of measuring point down to height of the tire side wall. Measuring and tracking these low profile trailers is now simple, easy and accurate.

WHEEL SPREADER

WA918
Accurately spreads and holds the front wheels of the vehicle being tested with a toe gauge that does not require moving the vehicle. To be used with the WA510, WA512 and WA515. It is simple, easy and efficient to use. It saves time and a more accurate reading is obtained. Extension 42" minimum, 71" maximum. Pressure 23 Lbs.
Wheel Centering Products

NEW!

INTRODUCING
PILOT SLEEVE™
ADVANCED CENTERING PRODUCTS

SAFE. CENTERED.

- Re-centers all hub piloted wheels with 22mm studs
- Eliminates radial wheel runout and reduces risk of "wheel off" conditions
- Reduces tire wear and improves fuel economy
- A fraction of the price of competitive products

Bulk quantities available in multiples of 1000 pieces. Call for a quote!

MORE THAN 10,000 PRODUCTS AVAILABLE! • WWW.STEMPF.COM
Wheel Centering Products

Tired of excess vibration caused by misaligned Uni-Mount wheels? Stempf has your solution!

THE TRU-BALANCE TRUCK WHEEL ALIGNMENT PIN SET

A1339

Tru-Balance is the first tool to provide accurate centering of UNI-Mount (hub-piloted) truck wheels. This tool was designed to minimize the wheel vibration that creates Mini/Maxi tire wear. This occurs when the wheel is not accurately centered on the studs. These easy-to-use tools are manufactured from mild steel and then heat-treated for wear and to ensure perfect wheel alignment of 22.5" / 24.5" steel and aluminum wheels and 19.5" aluminum wheels only (not steel). One set comes complete with 3 tools and a handy storage case.

<table>
<thead>
<tr>
<th>WHEEL CENTERING SLEEVE SET</th>
<th>1504A</th>
<th>This set is for the 22.5&quot;/24.5&quot; steel and aluminum wheels and 19.5&quot; aluminum wheels only. Stays on stud permanently. Set of six (3 each per wheel).</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHEEL CENTERING PIN SET</td>
<td>1557A</td>
<td>This set is for 19.5&quot; steel wheels only.</td>
</tr>
<tr>
<td>EXTENDED LENGTH WHEEL CENTERING PIN SET</td>
<td>A1573</td>
<td>This set is for the 22.5&quot;/24.5&quot; steel and aluminum wheels (16,000 &amp; 18,000 lb. axles). These are 1&quot; longer than the standard set.</td>
</tr>
</tbody>
</table>

Got bad wheel vibes? SKIRT NUT LUG NUTS SN100-10 (PACKAGE OF 10)

FEATURES/BENEFITS:

- Stops wheel vibrations & ear ly noise
- Prevents energy losses & limit wear
- No more loose wheels! Tight wheel clamping & hardware damage prevention
- Eliminates wasted fuel and extended rolling resistance "drag"
- Replaces stud & custom nuts on hub-piloted wheels

Wheel Tite Sleeve Nut System

Developed to reduce wheel vibrations and to help prevent the unpredictable wheel-off situations. This system is specifically designed for Class 8 Truck Steer & Drive Axles, and Trailers.

STANDARD APPLICATIONS:

- The Sleeve offers more thread engagement & deeper penetration
- The chamfered nose allows for ease of wheel centering & installation
- The "Sleeve"
  - Protects & covers the threads from wear & the elements
  - Reduces vibration & the wear & tear on wheel ends
  - Fills the gap between the stud & the stud hole & allows the rim to rest on the sleeve
  - Lengths designed for specific axle applications & wheel configurations

GL-2906

6 mm Sleeve
Designed for Steel - Steers

GL-2919

19 mm Sleeve
Designed for Aluminum - Steers
Steel/Steel - Drive
Steel Outer/Alum. Inner - Drives

GL-2928

28 mm Sleeve
Designed for H.D. Aluminum
Super Single - Wide Base
Alum. Outer/Steel Inner - Drives

GL-2923

39 mm Sleeve
Designed for Dual Aluminum - Drive Axle

1-800 328-4460 • IN MINNEAPOLIS, CALL 952-931-9117
Heavy Duty Truck Chassis

TAG AXLE KING PINS
STEMCO Kaiser has a great solution for Steerable Tag Axle King Pin Jobs including axles by: Westport, Watson Chalin, McNelius, Hendrickson and more.

Kaiser’s Spiral Steel Bushing and Grease-Grooved Pins
In the Qwik Kit will reduce the installation - in many cases half the time - of a normal King Pin job because of our “No Ream” feature. With 300% more grease from day 1 we will extend life 4 times longer than the kit you replaced. This allows you will drive past 4 King Pin Jobs you would have done.

STEERABLE AUXILIARY AXLES

<table>
<thead>
<tr>
<th>OEM</th>
<th>MODEL</th>
<th>CAPACITY</th>
<th>OEM KIT NUMBER</th>
<th>KAISER CROSS</th>
<th>NOTES</th>
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<tbody>
<tr>
<td>Watson Chalin</td>
<td>SL-1153TT</td>
<td>13,200</td>
<td>SRK102</td>
<td>K961L</td>
<td>TT Stands for Tru Track</td>
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<tr>
<td>Watson Chalin</td>
<td>SL-1100SR</td>
<td>12,000</td>
<td>N/A</td>
<td>K981R</td>
<td>Unitized Hub</td>
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<tr>
<td>Watson Chalin</td>
<td>SL-1800SR</td>
<td>20,000</td>
<td>N/A</td>
<td>KH931L</td>
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<tr>
<td>McNelius</td>
<td></td>
<td>188033</td>
<td></td>
<td></td>
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<tr>
<td>Westport</td>
<td>F3W</td>
<td>13,000</td>
<td>143698-0051</td>
<td>K126W</td>
<td>Sealed Style Axle</td>
</tr>
<tr>
<td>Westport</td>
<td>F3W</td>
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<td>143698-0052</td>
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<tr>
<td>Westport</td>
<td>F3W</td>
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<tr>
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<td>F6W</td>
<td>16,000</td>
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<td>Sealed Style Axle</td>
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<tr>
<td>Hendrickson</td>
<td>USP</td>
<td>001434</td>
<td></td>
<td>K127W</td>
<td></td>
</tr>
<tr>
<td>Hendrickson</td>
<td>UC2 &amp; US2</td>
<td>13,000</td>
<td>003270 &amp; 003200</td>
<td>K120H</td>
<td>Cryogenically Frozen In King Pin design!</td>
</tr>
</tbody>
</table>

TIE ROD ASSEMBLY
Designed to increase simplicity and safety. STEMCO® QWIKTIE™ tie rod assembly offers a highly adaptable solutions that can accommodate a wide range of straight tie rod lengths.

<table>
<thead>
<tr>
<th>TIE ROD END INDUSTRY STD. REFERENCE NUMBER</th>
<th>QWIKTIE PART NUMBER</th>
<th>AXLE CODE</th>
<th>KING PIN</th>
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<tr>
<td>ES3219L, ES3220R</td>
<td>QT967SS</td>
<td>FF-961, FF-966</td>
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<tr>
<td>ES423L, ES423R</td>
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<td>FF-981, FF-986</td>
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<td>ES9001L, ES9001R</td>
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<td>02-ADD</td>
<td>K1201</td>
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<tr>
<td>ES431L, ES431R</td>
<td>QT10</td>
<td>FL-931, FL-941</td>
<td>KH931L</td>
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<tr>
<td>ES9328L, ES9329R</td>
<td></td>
<td>E14621/W</td>
<td>K147E</td>
</tr>
<tr>
<td>ES431L, ES431R</td>
<td></td>
<td>EFA18F3, EFA20F4</td>
<td>K180E</td>
</tr>
</tbody>
</table>

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QWIK KIT™

STEMCO Kaiser QWIK KIT™
THE "TRUE" NO-REAM King Pin Kit

Only the STEMCO Kaiser Qwik Kit™ gives you the performance of steel on steel. In fact, our proprietary High-Chrome, High-Carbon tool steel is the only material that can withstand the constant turning and pounding placed on a steering knuckle and axle over the life of the vehicle.

STEMCO Kaiser QWIK KIT™
For Longer Life And Less Maintenance
- 300% More Grease!
- Grooved Pin Allows Grease To Lubricate Bearing!
- Drive Past Your Next 3 King Pin Jobs!
- Install in Half The Time with Half The Effort!
- No Ream Installation!

PLUS KIT™

STEMCO KAISER PLUS KIT
Better Fit, Less Down Time & Better Quality

STEMCO Kaiser has been offering a "no-ream" bi-metal king pin kit for over ten years, yet many customers were asking for a better fit than the product provided. That was until now! With improvements to our PLUS Kit, we now offer pre-sized bi-metal bronze bushings with the fit of a tightly reamed king pin installation.

STEMCO Kaiser PLUS KIT™
For No Ream Installation & Perfect Fit
- Pre-sized Bronze Bushings
- No Need to buy Reamers
- Fit as Good as “Reamed”
- Install Faster than Reaming
- Least Expensive King Pin Installation

Top QWIK KIT King Pin Kits

<table>
<thead>
<tr>
<th>AXLE CODE</th>
<th>OE KIT NUMBER</th>
<th>OE PIN SPECS</th>
<th>QWIK KIT NUMBER</th>
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<tbody>
<tr>
<td>E1200/W, E1320/W</td>
<td>328344, 823078</td>
<td>1.794 X 9.05</td>
<td>K122E</td>
</tr>
<tr>
<td>FF961, FF941</td>
<td>R201315</td>
<td>1.794 X 10.40</td>
<td>K961L</td>
</tr>
<tr>
<td>FF981</td>
<td>R201472</td>
<td>1.794 X 8.87</td>
<td>K981R</td>
</tr>
<tr>
<td>02ADD, 02ADG, 02ADN, 02ADP</td>
<td>1668411C91, 120KK100</td>
<td>1.921 X 9.87</td>
<td>K120L</td>
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<tr>
<td>02ADA, 02ADB, 02AEM BEFORE 10/2002</td>
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<tr>
<td>E12021/W, E1322/W, E14621/W</td>
<td>328347, 328349</td>
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<tr>
<td>EFA12F4</td>
<td>806355</td>
<td>1.625 X 9.19</td>
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<td>FH946</td>
<td>R201420, R201424</td>
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<td>KH946R</td>
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<tr>
<td>02AEM AFTER 10/2002</td>
<td>329182</td>
<td>1.359 X 7.97</td>
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<td>FG931</td>
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<td>MF508</td>
<td>R201474</td>
<td>1.500 X 7.50</td>
<td>K80R</td>
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<td>F050 THRU 1985</td>
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<td>1.179 X 6.36</td>
<td>K55G</td>
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<tr>
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<td>K566</td>
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<tr>
<td>F050 1986 &amp; NEWER</td>
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<td>FC941</td>
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<td>EFA18F4, EFA20F4</td>
<td>811525, 328432</td>
<td>1.872 X 9.97</td>
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<tr>
<td>02ADE</td>
<td>140KK100, 329022</td>
<td>2.046 X 10.12</td>
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Top PLUS KIT King Pin Kits

<table>
<thead>
<tr>
<th>AXLE CODE</th>
<th>OE KIT NUMBER</th>
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<th>PLUS KIT NUMBER</th>
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<tr>
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<td>1.625 X 9.19</td>
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<td>FAS23, FAS32</td>
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<tr>
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<td>1.179 X 6.36</td>
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<td>E9HZ-3111A, E9HZ-3111C</td>
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<td>70.076.06</td>
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<td>FA523, FA532</td>
<td>3015Q47</td>
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<tr>
<td>FA-139, FA-337, FA-339, FA-342, FA-343</td>
<td>588808C91, 1658934C91</td>
<td>1.609 X 9.66</td>
<td>70.140.09</td>
</tr>
</tbody>
</table>
Supplies

TRW HEAVY DUTY TRUCK CHASSIS PARTS FROM ELGIN

WHEEL-CHECK®
THE LOOSE WHEEL-NUT INDICATOR

Wheel-Check® is a loose wheel nut indicator that can identify a loose wheel-nut with a simple visual inspection. When the wheel nuts are properly torqued to specs, the Wheel-Checks are then placed on the wheel nuts in a uniform pattern. (see diagram below).

The way the Wheel-Check® system works is once a wheel nut has loosened, the Wheel-Check® will become out of sequence. It will be visible when the driver does his walkaround check and it is the driver’s responsibility to call maintenance and have the wheel thoroughly serviced.

PAPER FLOOR MATS

PLASTIC SEAT COVERS

PLASTIC TIRE COVERS/ BAGS

PLASTIC KEY TAGS

WHITE ONLY

14" TURNPLATE REPLACEMENT
9/16" NYLON BALLS

45-85-1

188 Balls.
Covers both Heavy Duty Plates.
Suspension

Tow and Haul with Safety and Comfort.

Add an on-board air compressor system to conveniently inflate and deflate your air springs with the touch of a button—from inside or outside your vehicle!

WirelessAIR

Premium on-board wireless control of your air springs.
Part # 72000

WirelessONE

Economically priced wireless control of your air springs.
Part # 25870

LoadCONTROLLER

Standard Duty Compressor Part #25850
Heavy Duty Compressor Part #25854

Standard Duty Compressor Part #25852
Heavy Duty Compressor Part #25856

Also available: LoadCONTROLLER T & H

LOADLIFTER 5000 ULTIMATE

Fits single rear wheel (SRW) and dual rear wheel (DRW) models. Will fit ALL models without a fifth-wheel hitch and will also fit most side mount fifth wheel hitch applications. Does not fit cab & chassis applications.

• Internal jounce bumper prevents damage when driving with an empty air bag
• Exclusive Air Lift air spring kit
• Up to 5,000 lbs. of load-leveling capacity*

SuperSprings International, Inc.

SUSPENSION SOLUTIONS FOR TRUCKS, VANS, BUSES, SUVS, RVS, MINIVANS & CARS

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A Trouble Free Permanent Solution

TIMBREN SES

Suspension Enhancement Systems

For Snow Plows, Tow Vehicles, Motor Homes, Slide-in Campers, Vans & SUVs
Research has shown that the improvements in ride while empty are due to the progressive rate of the Aeon® rubber springs which absorb shock from the suspension that is normally transmitted to the frame. Down time and maintenance costs are dramatically reduced over the life of the vehicle.

Highway snow-plows use Timbren SES to add the capacity to carry the heavy front axle load.

Line haul tankers use them to add stability when loaded and to reduce noise and vibration when empty.

Dump trucks use them to add stability, particularly when traveling off road with the box up.

Line haul tractors have used them to counter brake wind up.

Emergency vehicles use them both for ride quality and stability when maneuvering at high speed.

Mine vehicle operators and military love the durability of rubber.

Typical Installation on Rear Axle

Typical Installation on Front Axle

Trailer Suspension

Heavy Duty Special Application

Typical Installation on Rear Axle
Suspension

PRO RYDE
SUSPENSION SYSTEMS
EXACTLY THE WAY YOU WANT IT.

ADJUSTABLE LIFT & LEVELING KITS

PATENTED ON-VEHICLE ADJUSTABLE FRONT LIFT LEVELING KITS
PATENTED PROGRESSIVE ADJUSTABLE FRONT LIFT LEVELING KITS
PATENTED TORSION KEY FRONT LIFT LEVELING KITS
PATENTED 5-IN-1 REAR LEAF SPRING BLOCKS
PATENTED 3-IN-1 REAR COIL SPRING BLOCKS

CADILLAC • CHEVROLET • DODGE • FORD • GMC • HUMMER
INFINTI • JEEP • LINCOLN • NISSAN • RAM • TOYOTA
Wheel Balancing

NON-LEAD

MEDIUM & HEAVY DUTY TRUCKS

"LT1Z" SERIES
Used primarily on light-duty trucks, 3/4 and 1-ton vehicles with either tube or tubeless rims where such rims are too thick for standard passenger car weights. Also for use on heavier trucks with thin rim flanges.
Sizes: 0.50 oz. - 6 oz.

"I7Z" SERIES
The "I7Z" series is the most popular weight for medium and heavy duty trucks. Used on the majority of trucks with tube type tires.
Sizes: 1 oz. - 6 oz.

"TALZ" SERIES
The TALZ-Series zinc heavy-duty clip-on wheel weight features a wide clip and is used primarily on Alcoa and Accuride aluminum, tubeless heavy-duty truck wheels manufactured since 1983. The wheel weight will fit the rim flange on both sides of the wheel.
Sizes: 1 oz. - 6 oz.

QUIKSTIK®
300360ST Standard Profile
Increments: 0.5 oz. (7 grams)
Increment Width: 1"
Size: 6 oz. Pcs/box: 30

LEAD

MEDIUM & HEAVY DUTY TRUCKS

"LT1" SERIES
Used primarily on light-duty trucks, 3/4 and 1-ton vehicles with either tube or tubeless rims where such rims are too thick for standard passenger car weights. Also for use on heavier trucks with thin rim flanges.
Sizes: 0.50 oz. - 6 oz.

"I7" SERIES
The "I7" series is the most popular weight for medium and heavy duty trucks. Used on the majority of trucks with tube type tires.
Sizes: 1 oz. - 16 oz.

"CT" SERIES
The "CT" series is used on heavy-duty trucks with Firestone, Accuride, Budd, or Goodyear tubeless rims with straight flanges. Primarily used on rim widths of 6.75", 7.50" and 8.25".
Sizes: 2 oz. - 16 oz.

"TAL" SERIES
This special weight is for all Alcoa and Accuride (from 1983) aluminum tubeless heavy truck wheels. The weight will fit both sides of the wheel.
Except for coating, the design features and applications are identical for both series. The TALU is an economical alternative to OEM-quality weights.
Sizes: 2 oz. - 8 oz.

PART NO. SIZE CASE QTY
16-301 1 oz. Counteract 40
16-302 2 oz. Counteract 32
16-303 3 oz. Counteract 24
16-304 4 oz. Counteract 92
16-305 5 oz. Counteract 76
16-306 6 oz. Counteract 64
16-308 8 oz. Counteract 52
16-310 10 oz. Counteract 40
16-312 12 oz. Counteract 36
16-314 14 oz. Counteract 32
16-316 16 oz. Counteract 28

NON-LEAD

COUNTERACT BALANCING BEADS
Counteract balances for the complete life of the tire by readjusting the balanced position as required. Benefits of keeping the entire wheel assembly in balance include increase tread life, increased fuel economy and eliminates wheel vibration.
- Easy to use, bag-in-bag packaging
- Will not clump due to moisture
- Will not interfere with tire repair (remove before beginning repair)
- Use with tubeless or tube-type tires

::: MORE THAN 10,000 PRODUCTS AVAILABLE! :::

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Stempf Automotive Industries, Inc. has specialized in cost saving programs for the Heavy-Duty, Fleet & Wheel Alignment industry, now for 80 years.

Manufacturer-direct to you, we design and produce the highest quality USA-made products at some of the most competitive prices in the industry.

In addition to our own products, Stempf also handles undercar parts & supplies from some of the best names in the business. If you’re not already familiar with us, please contact our offices at 1-800-328-4460, and we’ll put you in touch with the Territory Representative in your area. We’d love the opportunity to compare our program to your current supplier.

THE MOST POPULAR ASSORTMENTS THAT GET YOU INTO THE HEAVY DUTY ALIGNMENT BUSINESS!

COMPLETE TANDEM SHIM ASSORTMENT
TAS-210
Our Most Complete and Most Popular Assortment!

Assortment Contains:
- 2 ea. Hendrickson Walking Beam Kits (43-447)
- 2 ea. Kenworth B-Bagger Shims (43-540 Series)
- 4 ea. Freightliner Torque Arm Shims (43-621 Series)
- 4 ea. Peterbilt/Kenworth Shims (43-641 Series)
- 4 ea. IHC Torque Arm Shims (43-651 Series)
- 4 ea. Wilson Hutchins Shims (43-408 Series)
- 6 ea. Peterbilt Air Leaf Shims (43-411 Series)
- 12 ea. Freightliner Single-Slot Shims (43-415 Series)
- 6 ea. Freightliner Double-Slot Shims (43-421 Series)
- 4 ea. Freightliner Air Glide Shims (43-425 Series)
- 6 ea. Volvo/White Shims (43-431 Series)
- 8 ea. IHC Torque Arm Shims (43-441 Series)
- 6 ea. Peterbilt "Low Air" Shims (43-645 Series)

Includes truck and trailer alignment specifications and two sturdy metal storage cases. 210 shims and kits in all! Part numbers are shown on inside lid to make reordering a breeze!

UNI-WEDGE TRUCK SHIM ASSORTMENT
950-48A
An assortment of 48 Uni-wedge "Break-Off" shims (6 of each taper) to cover a wide variety of spring widths & degree changes.