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|  Sales Bulletin | Product Line <input checked="" type="checkbox"/> Alignment <input type="checkbox"/> Tire Changer <input type="checkbox"/> Balancer <input type="checkbox"/> Test Lane <input type="checkbox"/> Collision <input type="checkbox"/> Other <input type="checkbox"/> Lifts/Racks | Category <input checked="" type="checkbox"/> New Product Release <input type="checkbox"/> Product Change <input type="checkbox"/> Sales Tip <input type="checkbox"/> Competitive Information |
| | Control Number: SB05-0006 Release Date: June 8, 2005 | Model(s) Affected: 2005 Aligner models with new style wheel clamps |
| Wheel Clamp Accessories | | |

GENERAL OVERVIEW

Since the introduction of the new extended range alignment wheel clamps in early 2005, there have been several accessories developed to enhance the performance and extend the capabilities of these wheel clamps. Please note that some accessories are compatible with both conventional CCD systems and V3D Imaging systems, while others are only intended for one or the other.

| Part Number | Description | Available | List Price (USD) | CCD | V3D |
|-------------|---|-----------|------------------|-----|-----|
| EAK0268J62A |  <p>Clamp Extension Kit Kit contains 16 extensions for a complete aligner. (4 per clamp)</p> | Now | | ✓ | ✓ |
| EAK0268J63A |  <p>Quick Clamp Kit Kit contains 4 tire clamps and 3 types of plastic tips (20 ea) for a complete aligner.</p> | July 2005 | | ✓ | ✓ |
| EAK0268J73A |  <p>Spoiler Adapter Kit Kit contains 2 spoiler adapters for lowering the front heads, allowing clear cross toe view under the vehicle.</p> | Now | | ✓ | ✗ |
| EAK0268J41A |  <p>Rim Claw Kit Kit contains 4 rim claws for servicing a single clamp.</p> | Now | | ✓ | ✓ |
| EAK0268J51A |  <p>O-ring Kit Kit contains 32 O-rings for servicing the claws on a complete set of 4 wheel clamps.</p> | Now | | ✓ | ✓ |

DETAILS

Clamp Extension Kit - EAK0268J62A: With wheels reaching 28" (711mm) and possibly getting even larger, there is a need to easily and quickly address these market changes. The optional clamp extension kit does just that. The maximum wheel diameter of the clamp is increased to 29" (737mm) with this simple kit. The kit includes enough extensions for a complete aligner.



Kits are available now

Clamp Extension Kit

Kit P/N: EAK0268J62A

Extensions per kit: 16

Kits per aligner: 1

Installation of the kit is simple:

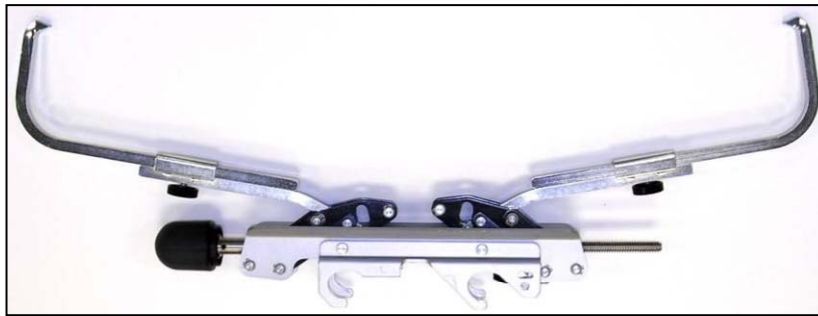
1. Remove the rim claws from the clamp
2. Attach the simple extension at each of the claw positions (4 per clamp)
3. Re-insert the claw into the extension



Note: The clamps and extensions are precision machined, so there is no need to perform TID on imaging aligner models when changing claw positions or installing extensions. However, it is critical that all 4 claws on a clamp be in the same position.

Quick Clamp Kit - EAK0268J63A: In addition to the wide range of wheel sizes, the profile and finish on wheels is also changing at an equally aggressive pace. There are rim-guard tires which limit access to the wheel edge for normal clamping methods. Also, wheels are becoming ever more expensive. These factors lead to concern with wheel surface damage when attaching wheel clamps with rim claws. In order to address these issues, a tire clamp option is available for the universal wheel clamp. This option applies force to the tire in order to hold the wheel clamp in position on the wheel/tire assembly. The claws are covered by plastic sleeves to protect the wheel surface and simply "locate" the wheel clamp on the wheel without actually gripping the wheel. This approach ensures a solid attachment of the clamp without risk of marking or damaging the customer's wheel. Three styles of sleeves are included in the kit to allow locating on the inside or outside of the wheel edge as well as the new convex wheel designs from VW, Audi and Honda.

The tire clamp simply locks to the wheel clamp bars from behind and can be installed for either right-hand or left hand operation. The tire grippers can be adjusted to accommodate tires from 21" to 40" (533mm to 1016mm). The tire grippers have 5 positions providing a coarse adjustment of 12" (305mm). The final adjustment and gripping force is applied through the screw knob which has an adjustment range of 8" (203mm).



Kits available July '05

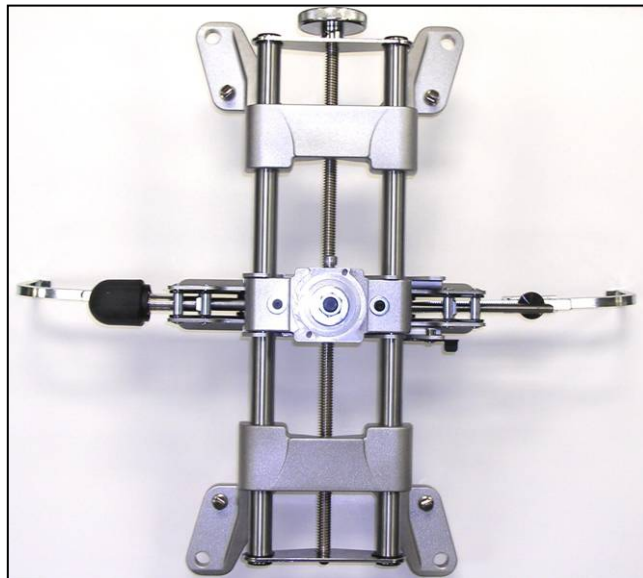
Quick Clamp Kit

Kit P/N: EAK0268J63A

Clamps per kit: 4

Sleeves per kit: 60

Kits per aligner: 1



Spoiler Adapter Kit - EAK0268J73A: It is becoming ever more popular to modify vehicles through the addition of spoilers and miscellaneous lower body trim as well as lowering suspensions. In addition, many OEMs are capitalizing on this popularity and offering such trim on standard factory vehicles. This trend poses a particular problem with the Conventional CCD aligner systems. While the new clamp end casting design allows greater wheel range, it also limits the lower travel of the sliding center casting which in turn limits how low the sensor head can be positioned on the clamp. In some cases, this lower travel limit will not allow the sensor head to be positioned low enough for clear cross toe sensor viewing. To address this situation, a set of adapters have been developed which are placed between the sensor head and the wheel clamp. The adapter has 4 different positions for the sensor head, allowing for a maximum vertical adjustment of approximately 6.5 inches (165mm) in 4 equal steps. The adapter has a lockable shaft which interfaces with the wheel clamp as well as a level vial for minimizing set-back measurement errors. Run-out compensation is performed by securely locking the sensor head shaft in the adapter and allowing the sensor head/adapter assembly to rotate as a whole on the adapter shaft. Each kit contains one pair (2 pcs) of adapters.



Kits are available now

Spoiler Adapter Kit

Kit P/N: EAK0268J73A

Adapters per kit: 2

Kits per aligner: 1



Rim Claw Kit – EAK0268J41A: Accidents happen and parts can get lost or damaged. A replacement claw kit is available to make sure your customer is not out of business because of a careless handling. One kit contains enough claws to service a single wheel clamp.



Kits are available now

Rim Claw Kit

Kit P/N: EAK0268J41A
Claws per kit: 4
(for single clamp)

O-Ring Kit – EAK0268J51A: Over time, the repetitive removal and insertion of the rim claws and extensions will cause the o-rings to wear. Although not likely, they might also get detached from the claw and become lost. To ensure the original clamp quality is maintained, an o-ring kit is available to service these clamps. One kit contains enough o-rings to service a complete aligner.



Kits are available now

O-Ring Kit

Kit P/N: EAK0268J51A
Qty per kit: 32