

# CL Challenger Lifts



**Model#: AR40EAO**  
Alignment Rack Package  
12,000 lb. lifting capacity

## **AR40series** **Alignment Rack Packages**

Challenger Lifts' 12,000 lb. "Open Front" and "Closed-Front" Alignment Rack Packages are the best supplement to expanding your service offering and revenue potential.

With the AR40series, you'll easily be able to support today's latest camera imaging alignment systems. Other standard features include two 6k lb. rolling jacks, flush mount stainless steel turning radius gauges and rear slip plates, an internal air line system for your dual rolling jacks, multi-position work-steps, and automatic wheel stops, just to name a few.

## Features & Benefits:

- The highest rise in the industry provides more working room underneath vehicles
- Compatible with the industry's latest camera imaging alignment systems
- Recessed stainless steel turning radius gauges provide accurate readings
- 14 level locking positions for a variety of alignment and general service tasks
- Heavy duty front bearing and yoke assemblies distribute contact load reducing column stress for longer product life (Open Front models only)
- Durable non-skid surfaces for positive vehicle traction and technician safety
- Fully gusseted base plate reduces column deflection and is less sensitive to uneven floors
- 80" rear recessed free floating slip plates offer a wider range of 4 wheel alignment capacities
- Oversized solid machined steel pulleys for prolonged pulley and cable life

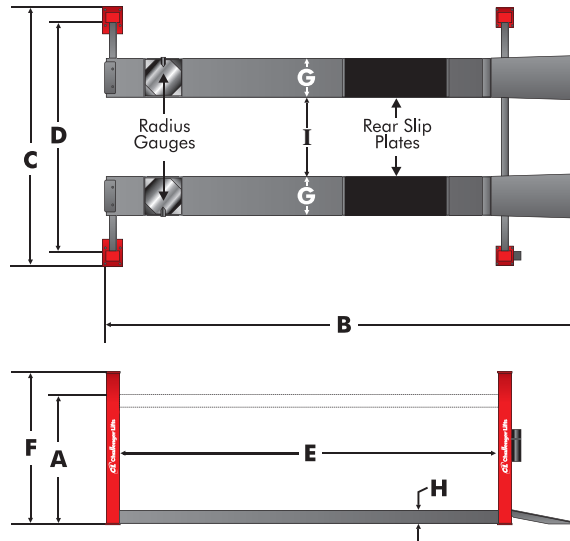
For more information, contact your Authorized Challenger Lifts Distributor.

Open Front

Closed Front

| Model Number  | AR40EAO  | AR40XAO                | AR40EAX                        | AR40XAX                |
|---|--|------------------------|--------------------------------|------------------------|
| Lifting Capacity                                      | 12,000 lb.<br>(5443kg)   | 12,000 lb.<br>(5443kg) | 12,000 lb.<br>(5443kg)         | 12,000 lb.<br>(5443kg) |
| Max. Wheelbase <sup>1</sup>                           | 182 1/2"<br>(4636mm)   | 210"<br>(5334mm)       | 182 1/2"<br>(4636mm)           | 210"<br>(5334mm)       |
| Max. 2 Wheel Align.                                   | 166 1/2"<br>(4229mm)   | 194"<br>(4928mm)       | 166 1/2"<br>(4229mm)           | 194"<br>(4928mm)       |
| 4 Wheel Align.  | 88" - 158"<br>(2235 - 4013mm)                                    |                        | 88" - 158"<br>(2235 - 4013mm)  |                        |
| <b>A</b> Rise Height                                  | 78"<br>(1981mm)  |                        | 78"<br>(1981mm)                |                        |
| <b>B</b> Length Overall                               | 20' 9"<br>(6325mm)   | 23'<br>(7010mm)        | 20' 4 1/2"<br>(6210mm)         | 22' 8"<br>(6909mm)     |
| <b>C</b> Width Overall                                | 11' 10" front - 10' 10 3/4" rear<br>(3607mm front - 3321mm rear) |                        | 10' 10 3/4"<br>(3321mm)        |                        |
| <b>D</b> Inside Columns                               | 120" front - 116" rear<br>(3048mm front - 2946mm rear)           |                        | 116"<br>(2946mm)               |                        |
| <b>E</b> Between Columns                              | 195"<br>(4953mm)   | 222 1/2"<br>(5652mm)   | 195"<br>(4953mm)               | 222 1/2"<br>(5652mm)   |
| <b>F</b> Height of Columns                            | 99 1/2" front - 90 1/2" rear<br>(2527mm front - 2299mm rear)     |                        | 90 1/2"<br>(2299mm)            |                        |
| <b>G</b> Width of Runways                             | 20"<br>(508mm)   |                        | 20"<br>(508mm)                 |                        |
| <b>H</b> Height of Runways                            | 7"<br>(178mm)  |                        | 7"<br>(178mm)                  |                        |
| <b>I</b> Width Between Runways<br>(Minimum / Maximum) | 43"<br>(1092mm)  |                        | 40" / 43"<br>(1016mm / 1092mm) |                        |
| Air Supply Required                                   | 85-115 psi   |                        | 85-115 psi                     |                        |
| Motor   | 2HP  |                        | 2HP                            |                        |
| Voltage (1 Phase Std.) <sup>2</sup>                   | 208v-230v  |                        | 208v-230v                      |                        |
| Speed of Rise   | 70 Sec.  |                        | 70 Sec.                        |                        |

<sup>1</sup> Maximum wheelbase is based on a tire diameter of 30". | <sup>2</sup> Optional 3 phase electrical also available. Standard lift colors are Red and Blue. Optional colors available.



Schedule  
Contract GS-07F-8950D



The Automotive Lift Institute (ALI) certifies that the AR40Series described herein comply with the applicable provisions of the American National Standards ANSI/ALI ALCTV 2006 and are Third Party Validated by the ETL Testing Laboratory.

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Challenger Lifts, Inc. reserves the right to make changes to specifications without notice and without making changes retroactive. Unloading, installation and oil not included.