EV SERIES INGROUND LIFTS

PREMIUM HYDRAULIC CASSETTE-STYLE INGROUND LIFTS

Challenger’s electric hydraulic cassette-style inground lifts meet the rigorous demands of professional service facilities. Inground lifts are available from 8,000 lb. to Challenger’s industry-only 15,000 lb. capacity.
CHALLENGER ADVANTAGE

COMPLIMENTARY CAD SERVICES

Whether you’re building a new facility or expanding, complete your plans with us. Challenger Lifts offers free CAD Layout Services to help you maximize your automotive lift installation (six lift minimum). Challenger Lifts’ CAD services help decision makers visualize their shop layout in order to increase production and efficiency.

For more information, please contact Facility Layout Planning at 1-800-648-5438.

WHY CHOOSE AN INGROUND?

Challenger inground lifts make a strong first impression. The sleek, robust design inspires confidence and invokes the feeling of a showroom. Enjoy unobstructed access all around a lifted vehicle to increase productivity and minimize technician fatigue. The clear workspace is ideal for accurate diagnostic work, and a lack of overhead obstruction eliminates vehicle height restrictions. Open and close vehicle doors freely, without difficult maneuvering or worry of door damage.

With fewer obstructions to maneuver around, inground lifts offer higher service efficiency and reduced stress on technicians. They also eliminate concern over door damage and service restrictions based on a vehicle’s height. While lifted, inground lifts provide clear access to vehicle’s mechanical components. While lowered, they offer a clear presentation of your facility.
INSTALLATION OPTIONS

Three applications are available to arrange inground lift installation around your construction schedule. Select the installation option to support your future growth and eliminate costly and unsightly floor excavation.

**COMPLETE LIFT**
Purchase your lift and have it shipped complete with upper and lower components.

**2-PART INSTALL**
Purchase your lift in two deliveries: the inground structure followed by the above-ground portion when construction is ready for your exposed components.

**LOWER STRUCTURE**
Includes: Tub and frame with inground lifting components

**UPPER COMPONENT**
Includes: Superstructures lifting arms, pads, or runways, power unit, and hardware box

**3-PART INSTALL**
Plan for future growth by purchasing your lift in three deliveries: a universal prekit that is capped and can be completed at any time, an inground completion kit and finally the superstructure for your above-ground components.

**PREKIT** (Part No. CSPK)
Includes: Tub and frame with one-piece cover plate (Fits 10,000 lb., 12,000 lb., or 15,000 lb. capacities when you’re ready to expand)

**COMPLETION KIT**
Includes: Inground lift components, power unit, and hardware box

**SUPERSTRUCTURE**
Includes: Lifting arms or pads

*Installation options must be noted at time of order

**INGROUND V. ABOVE-GROUND**
Secure a higher return on investment. Inground lifts take up less valuable shop space than their above-ground counterparts. If your facility will...
AVAILABLE MODELS

10,000 LB. & 12,000 LB.
EV1020/EV1220

- Choose between 3-stage front and 3-stage rear arms or a drive-on express service pad (EV1020 only)
- 8.5” diameter chrome pistons provide greater stability under load
- Chrome non-breathing ram style cylinder provides for longer lift life
- Mechanical lock engages every 3” allowing ergonomic working height for technicians to increase productivity and minimize fatigue
- Stainless steel air lock release cylinder promotes longer working life with its corrosion resistant design
- Fully-contained and sealed recycled polymer cassette tub eliminates risk of hydraulic fluid seeping into the ground
- 87” drive-thru accommodates wider vehicles, minimizes tire damage and provides for easy drive-on

NEW IN 2019
DRIVE-ON EXPRESS PAD
EV1020-XP9

Challenger’s 9,000 lb. drive-on style pad aids for quick vehicle spotting in express bays and has been added to our signature EV1020 inground lift series. The new configuration provides the quickest vehicle loading to reduce frustration in shops.

ONLY AVAILABLE WITH EV1020 MODELS.
**CHALLENGER EXCLUSIVE**

**15,000 LB.**

EV1520

- Heavy-duty 2-stage drive-over front and rear arms make for easy spotting
- 8.5" diameter chrome pistons provide greater stability under load
- Mechanical lock engages every 3” allowing ergonomic working height for technicians to increase productivity and minimize fatigue
- Stainless steel air lock release cylinder promotes longer working life with its corrosion resistant design
- Fully-contained and sealed recycled polymer cassette tub eliminates risk of hydraulic fluid seeping into the ground
- Heavy-duty polyurethane screw pads accommodate a wide range of recommended lifting points

**AVAILABLE MODELS**

**8,000 LB. WIDE**

EW0820

- Chrome non-breathing ram style cylinder provides for longer lift life
- Enhanced wiper at top and bottom of bearing provides better grease retention and minimizes contaminates from entering into bearings
- Mechanical lock engages every 4” allowing ergonomic working height for technicians to increase productivity and minimize fatigue
- Fully contained and sealed galvanized steel cassette tub eliminates risk of hydraulic fluid seeping into the ground
- Widely spaced structure allows for a large, unobstructed workspace, especially useful for battery access on new electric vehicles

Challenger’s EW0820 inground lift is designed to service electric and wide vehicles. For this reason, it comes equipped with Euro-friendly round rubber footpads.

PART NO. 103069
FEATURES & ACCESSORIES

POWER CONTROL CONFIGURATIONS
Standard power control unit mounts to walls near workbenches. Inground lifts feature a single-push button lift function and down-release valve handle. Optional bench mounted power controls include raise, lower and lock release functions. Controls mount to workbenches, providing convenient access to inground lift controls.

Controls are also available in a lever option for no additional charge.

QUICK CYCLE TECHNOLOGY
The Quick Cycle hydraulic enhancement for Challenger inground lifts saves both rise and descent time, allowing you to service more vehicles in the same amount of time. Increase your return on investment by upgrading your 10,000 lb. or 12,000 lb. inground lifts.

STAY DRY TECHNOLOGY
StayDry automatically removes any accumulated condensation from the bottom of the lift containment system each time the lift operator lowers the lift. StayDry is pneumatically powered from the air supply that also powers the lift’s lock release.

Part No. SD100 (EV1020/EV1220/EV1520), SD100EW (EW0820)

POWER UNIT STAND
Power unit stands offer the flexibility to accommodate shops that lack the necessary wall space to mount a power unit. They also allow a technician to be closer to the vehicle when operating the inground lift controls.

Part No. 15060 (for EV1020 and EV1220 models only)
CL FOOTPADS

- Challenger’s telescoping footpads provide simple access to vehicle lift points
- Footpads can be screwed up or down to ensure level lifting
- More precise and secure frame engagement ensures technician safety
- Steel footpad is designed to endure the wear and tear of a highly productive shop
- Frame engaging lips reduce the need for additional adapters

CURRENT PADS

Premium double-telescoping polyurethane screw pads come standard with all 9,000 lb. and 10,000 lb. capacity inground lifts.
Part No. B2270

Heavy-duty single-telescoping polyurethane screw pads come standard with all 12,000 lb., and 15,000 lb. inground lifts.
Part No. B12162S-12 (Model EV1220)
Part No. B12162S (Model EV1520)

NEW

Designed specially to accommodate the 2019 Chevy Silverado and GMC Sierra trucks. The trucks’ new frame is wider in the front at the factory-recommended lift points. Challenger Lifts has designed new footpads with extra-wide heavy-duty polyurethane for ample surface area to protect the new truck’s frame. Footpads are sold in a pair.
Part No. B2280PR (Models EV1020/EV1220)

STACK ADAPTER KITS

Stack adapter kit includes four 3” (76 mm) adapters, two 6” (152 mm) adapters, and two organizer racks with hardware
Part No. 10315

COMES STANDARD WITH MODELS:
EV1220

Stack adapter kit comes with four heavy-duty 4” (102 mm) stack adapters, two heavy-duty 8” (203 mm) stack adapters and two organizer racks
COMES STANDARD WITH MODEL:
EV1520

PURCHASE BY PIECE

Stack organizer rack
10316
3” (76 mm) stack adapter (sold individually)
B2206-3
Pair of 6” (152 mm) stack adapters
10313
Heavy-duty medium 4” (102 mm) stack adapter (sold individually)
B12069
Heavy-duty tall 8” (203 mm) stack adapters (sold individually)
B12068
Challenger Lifts, Inc. reserves the right to make changes to specifications without notice and without making changes retroactive. Unloading, installation and oil not included.

800-648-5438 | 502-625-0700 | Fax: 502-625-0711 | Email: sales@challengerlifts.com
2311 South Park Road | Louisville, KY 40219

**NEW**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Lifting Capacity</th>
<th>Arms</th>
<th>Stroke</th>
<th>Rise Height</th>
<th>Width Overall</th>
<th>Drive-Thru Clearance</th>
<th>Reach (Minimum)</th>
<th>Reach (Maximum)</th>
<th>Rubber Pad Adapter</th>
<th>Adj. Adapter Height</th>
<th>Capacity (Per Arm)</th>
<th>Plunger Diameter</th>
<th>Std. Motor</th>
<th>Std. Voltage</th>
<th>Speed of Rise</th>
<th>Air Required</th>
<th>Rec. Bay Height</th>
<th>ALI/ETL Certified</th>
<th>Super Structure Colors</th>
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<tbody>
<tr>
<td>EV1020XP9</td>
<td>9,000 lb. (4,082 kg)</td>
<td>Drive-on Express Pad</td>
<td>68&quot; (1727 mm)</td>
<td>70&quot; (178 cm)</td>
<td>31.5&quot; / 79.75&quot; (80 cm / 203 cm)</td>
<td>-</td>
<td>42.125&quot; (1070 mm)</td>
<td>-</td>
<td>2.25&quot; (57mm)</td>
<td>-</td>
<td>-</td>
<td>4,500 lbs. (2,041 kg)</td>
<td>8.5&quot; (216 mm)</td>
<td>2HP</td>
<td>208v - 230v</td>
<td>38 s</td>
<td>90 - 120 psi (6.2 - 8.3 bar)</td>
<td>12' (366 cm) minimum</td>
<td>Red, Blue, Back</td>
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<tr>
<td>EV1020QP9-QC</td>
<td>10,000 lb. (5,443 kg)</td>
<td>3-stage front/rear</td>
<td>-</td>
<td>74&quot; (188 cm)</td>
<td>97&quot; (246 cm)</td>
<td>81&quot; (206 cm)</td>
<td>19.625&quot; (498 mm)</td>
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<td>10,000 lbs. (5,443 kg)</td>
<td>68&quot; (1727 mm)</td>
<td>3HP</td>
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<td>27 s</td>
<td>75-125 psi (5.2 - 8.6 bar)</td>
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<td>EV1020</td>
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<td>3-stage front/rear</td>
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<td>80.75&quot; (205 cm)</td>
<td>115&quot; (292 cm)</td>
<td>87&quot; (221 cm)</td>
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<td>71.5&quot; (182 cm)</td>
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<td>25.25&quot; (641 mm)</td>
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<td>-</td>
<td>15,000 lbs. (6,804 kg)</td>
<td>84.25&quot; (214 cm)</td>
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<td>15,000 lb. (6,804 kg)</td>
<td>3-stage front/rear</td>
<td>-</td>
<td>73.25&quot; (186 cm)</td>
<td>115.75&quot; (294 cm)</td>
<td>Drive-over</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<td>8,000 lbs. (3,629 kg)</td>
<td>73.25&quot; (186 cm)</td>
<td>3HP</td>
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1 Rise height is measured with superstructure in highest position. 2 Medium and high stack adapter extensions are standard with EV1220 and EV1520, optional with EV1020. *Quick Cycle EV1220 is only available with Bench Mount Controls (EV1220-BMC-QC)

For more information, contact your Authorized Challenger Lifts Distributor:

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