

# INGROUND SERIES

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



8,000 LB



10,000 LB



12,000 LB



15,000 LB

**CL Challenger Lifts**

LOUISVILLE, KENTUCKY



# CHALLENGER ADVANTAGE



## WHY CHOOSE AN INGROUND LIFT?

Challenger inground lifts make a strong first impression. Their 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.

## RETURN ON INVESTMENT

### 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 fit 10 above-ground lifts, you can install 11 ingrounds. The additional service bay could be worth **more than \$200,000 in annual parts and service sales.**

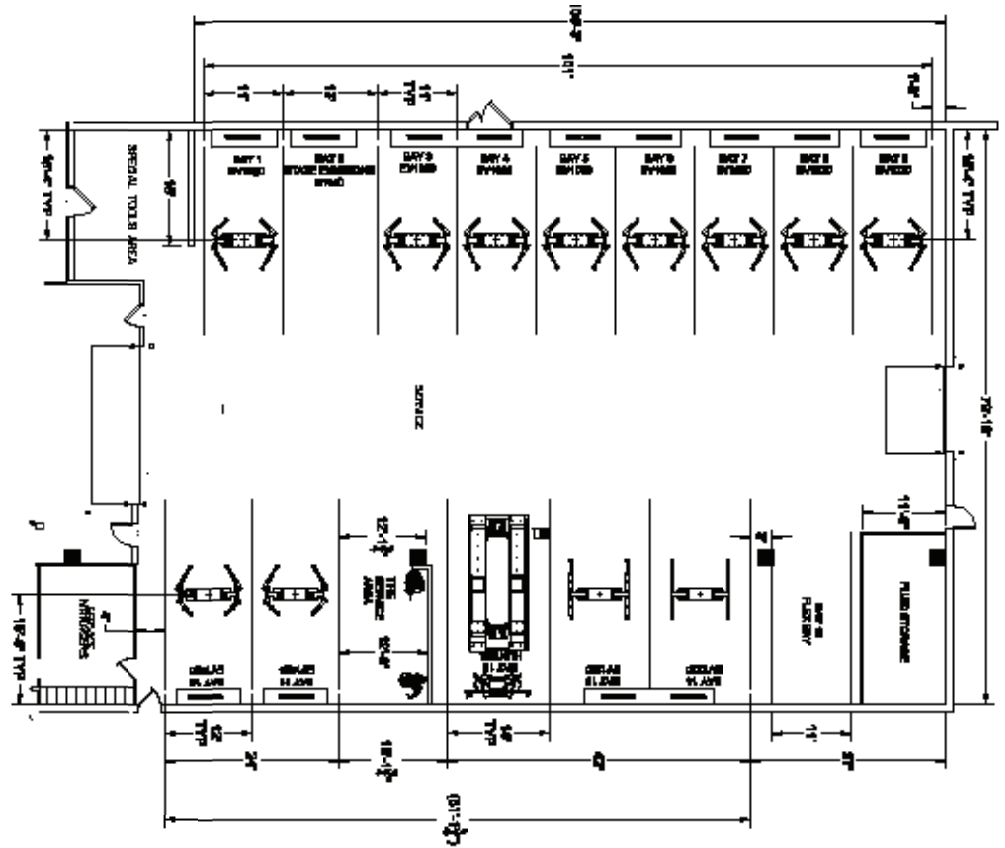
An inground lift installation is a valuable investment in the future profitability of your facility.



# 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.



## UNOBSTRUCTED VEHICLE ACCESS

With fewer obstructions to maneuver around, in-ground 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, in-ground lifts provide clear access to vehicle's mechanical components. While lowered, they offer a clear presentation for of your facility.

# INGROUND MODELS

10,000 LB.



12,000 LB.



## EV1020 / EV1220

- » Choose between 3-stage front and 3-stage rear arms or a drive-on fixed pad (EV1020 only) with two-way directional sliders to suit your service needs
- » 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

## STANDARD TELESCOPING SCREW PADS

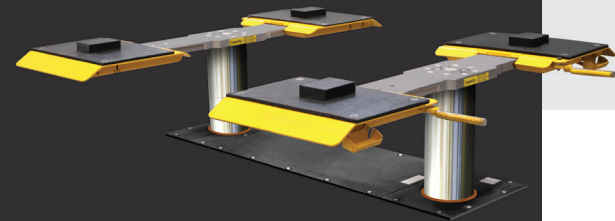
- » Challenger's telescoping screw pads makes access to vehicle lift points as simple as possible
- » Footpads can be screwed up or down to ensure level lifting in all conditions
- » More precise and secure frame engagement ensures technician safety



## PRODUCTIVITY UPGRADES

### QUICK CYCLE

- » A true express service solution
- » Decreases vehicle travel time by 30 percent



### EXPRESS PAD

- » 9,000 lb. capacity
- » Drive-on fixed pad with two-way directional sliders to suit your service needs
- » EV1020 only
- » ALI/ETL certified

15,000 LB.



**EV1520**

## INDUSTRY'S **ONLY** 15K INGROUND

- » 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

## INGROUND MODELS

WIDE 8,000 LB.



**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 contaminants 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

### EW0820 FOOTPADS

Challenger's EW0820 in-ground lift is designed to service electric and wide vehicles. For this reason, it comes equipped with Euro-friendly round rubber footpads. Part No. **103069**



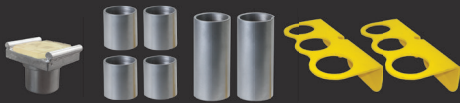
# OPTIONS & ACCESSORIES

## STANDARD ACCESSORIES



MODEL EV1020

Double telescoping footpads (4)



MODELS EV1220 / EV1520

Single telescoping heavy-duty footpads (4), 4" stack adapters (4), 8" stack adapters (2) and an organizer rack

## 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 extra charge.

## OPTIONAL ACCESSORIES

### LIFTING POINT ACCESSORIES



3" stack adapter (sold individually) **B2206-3**



Pair of 6" stack adapters **10313**



Pair of frame engaging truck lift adapters **10314**



Stack adapter kit includes four 3" adapters, two 6" adapters, and two organizer racks with hardware **10315**



Stack organizer rack **10316**



Luxury car adapters **10300**

### HEAVY-DUTY LIFTING POINTS



Heavy-duty medium (4") stack adapter (sold individually) **B12069**



Heavy-duty tall (8") stack adapters (sold individually) **B12068**



Reducer bushing for use with 10318 (set of 4) For lift models 15000 and 18000 **10317**



Sprinter kit including pair of cradle adapters and pair of pin adapters **10335**

### RUBBER LIFTING POINTS



Optional round double telescoping rubber footpads for 10,000 lb. capacity lifts **B2260**



Set of 4 frame engaging truck lift adapters **10318**



Truck adapter and frame engaging adapter kit for rubber footpads **10319**

# OPTIONS & ACCESSORIES

## STAYDRY TECHNOLOGY

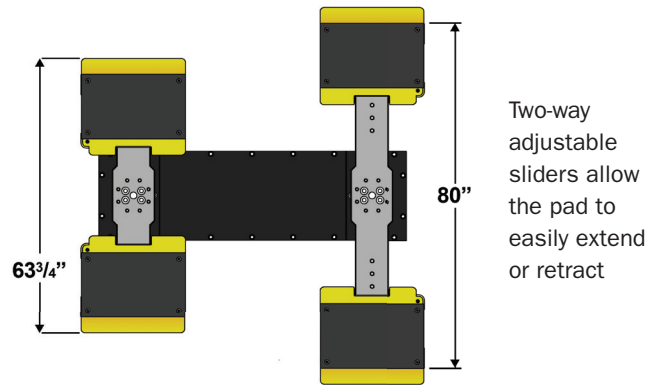


StayDry automatically removes any accumulated condensation from the floor of the lift containment system each time the lift operator lowers the lift. StayDry is pneumatically powered from the existing air supply. Part No. **SD100**

## DRIVE-ON EXPRESS PAD EV1020-MP9

Challenger's EV1020-MP9 is a 9,000 lb. capacity drive-on fixed pad with two-way directional sliders to suit your service needs. Further customize your fleet with options such as Quick Cycle technology or select from a wide range of accessories. ALI/ETL certified.

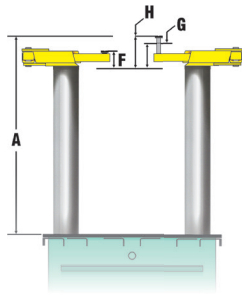
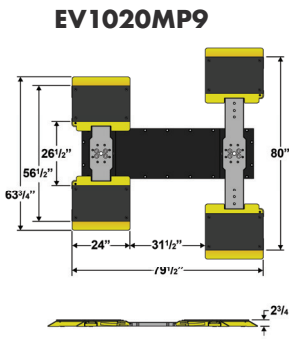
ONLY AVAILABLE WITH EV1020 MODELS.



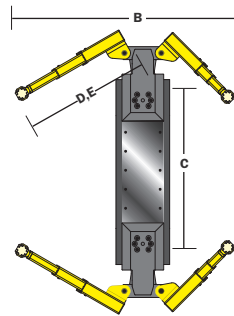
## INSTALLATION OPTIONS

A variety of installation applications are available. Work with Challenger to arrange installation around your construction schedule.

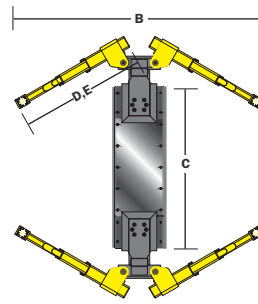
Challenger offers inground lifts in three installation configurations to match your construction schedule. Purchase a complete lift shipped all at once, for a two-part installation or as a three-part installation. Support your future growth and eliminate costly and unsightly floor excavation.



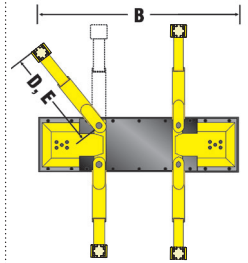
### EV1020



### EV1220



### EV1520



MODEL NUMBER	EV1020MP9	EV1020MP9-QC	EV1020	EV1020-QC	EV1220	EV1220-QC	EV1520	EW0820	
Lifting Capacity	9,000 lb.		10,000 lb.		12,000 lb.		15,000 lbs.	8,000 lbs.	
Arms	Drive-on Express Pad		3-stage front/rear				2-stage front/rear	3-stage front/rear	
Stroke			68"					73.25"	
<b>A</b> Rise Height <sup>1</sup>	70.75"		74"		80.75"		84.25"	73.25"	
<b>B</b> Width Overall	31.5" / 79.75"		97"		115"		71.5"	115.75"	
<b>C</b> Drive-Thru Clearance	-		87"				-	102"	
<b>D</b> Reach (Minimum)	-		19.625"				26.25"	25.25"	
<b>E</b> Reach (Maximum)	-		42.125"		48"		43"	45.25"	
<b>F</b> Rubber Pad Adapter Drive-Over Height (MP9)	2.75"		-		-		-	-	
<b>G</b> Adj. Adapter Height <sup>2</sup> (with Medium Extensions)	-		6.875" - 9"		8" - 9.75"		10.5" - 12.75"	3.75" - 5.75"	
<b>H</b> Adj. Adapter Height <sup>2</sup> (with High Extensions)	-		9.875" - 12"		11" - 12.75"		14.5" - 16.75"	-	
Capacity (Per Arm/Pad)	2,250 lbs.		2,500 lbs.		3,000 lbs.		3,750 lbs.	2,000 lbs.	
Guide Plunger Diameter			8.5"					5"	
Motor	2HP	3HP	2HP	3HP	2HP	3HP	2HP	3HP	
Voltage (Single Phase Std.) <sup>3</sup>	208v - 230v								
Speed of Rise	38 s	27 s	38 s	27 s	60 s	38s	77 s	38 s	
Air Required	90 - 120 psi								75-125 psi
Recom. Bay Height	12' minimum								
ALI/ETL Certified	√	√	√	√	√		√	√	
Super Structure Colors					■ ■ ■			■	

<sup>1</sup> Rise height is measured with superstructure in highest position. <sup>2</sup> Medium and high stack adapter extensions are standard with EV1220 and EV1520, optional with EV1020. <sup>3</sup> Optional 3 phase power unit also available, please specify at time of order. † Frame engaging adapters (10314 or 10318) are REQUIRED when lifting vehicles with frame construction.

For more information, contact your Authorized Challenger Lifts Distributor: