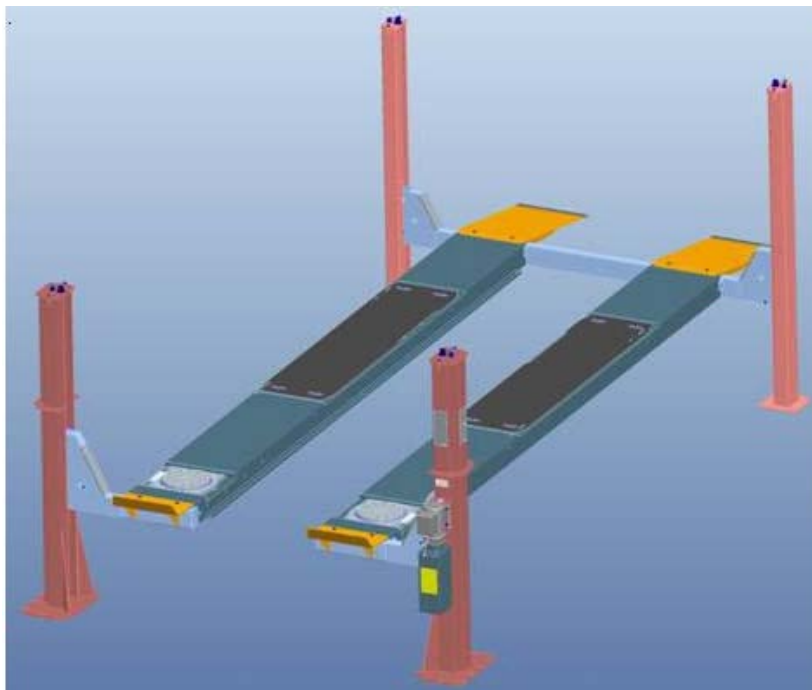
		<input checked="" type="checkbox"/> New Product Release <input checked="" type="checkbox"/> Sales Bulletin <input type="checkbox"/> Service Bulletin <input type="checkbox"/> Service Procedure	<input type="checkbox"/> Calibration Procedure <input type="checkbox"/> Operation Procedure <input type="checkbox"/> Part / Accessory
		Release Date: Oct, 2011 Priority Status: None	Model(s) Affected: Hofmann: EELR705A John Bean: EELR507A
New Model: QUAD-RACK™ Open Front 14K Alignment Lift FLUSH MOUNT rear slip plates..			

GENERAL OVERVIEW: _____

Snap-on Equipment presents the all new John Bean and Hofmann Quad-Rack™ model 4-Post lift with Open Front design and integrated full floating flush mounted rear slip plates. The new design incorporates an Industry leading 90" long rear slip plates that will accommodate long and short wheelbase vehicles with 4 wheel alignment requirements from 70" up to 158". Proven maintenance reduced rear slip plates use heavy duty encapsulated bearings to support and provide smooth movement to ease alignment adjustments. Strategically positioned openings under the front and rear plates allow for reduced water and dirt entrapment, minimizing maintenance. Certified to the industry's leading ANSI/ALI automotive lift standard. Lifts are designed and built right here, in North America.



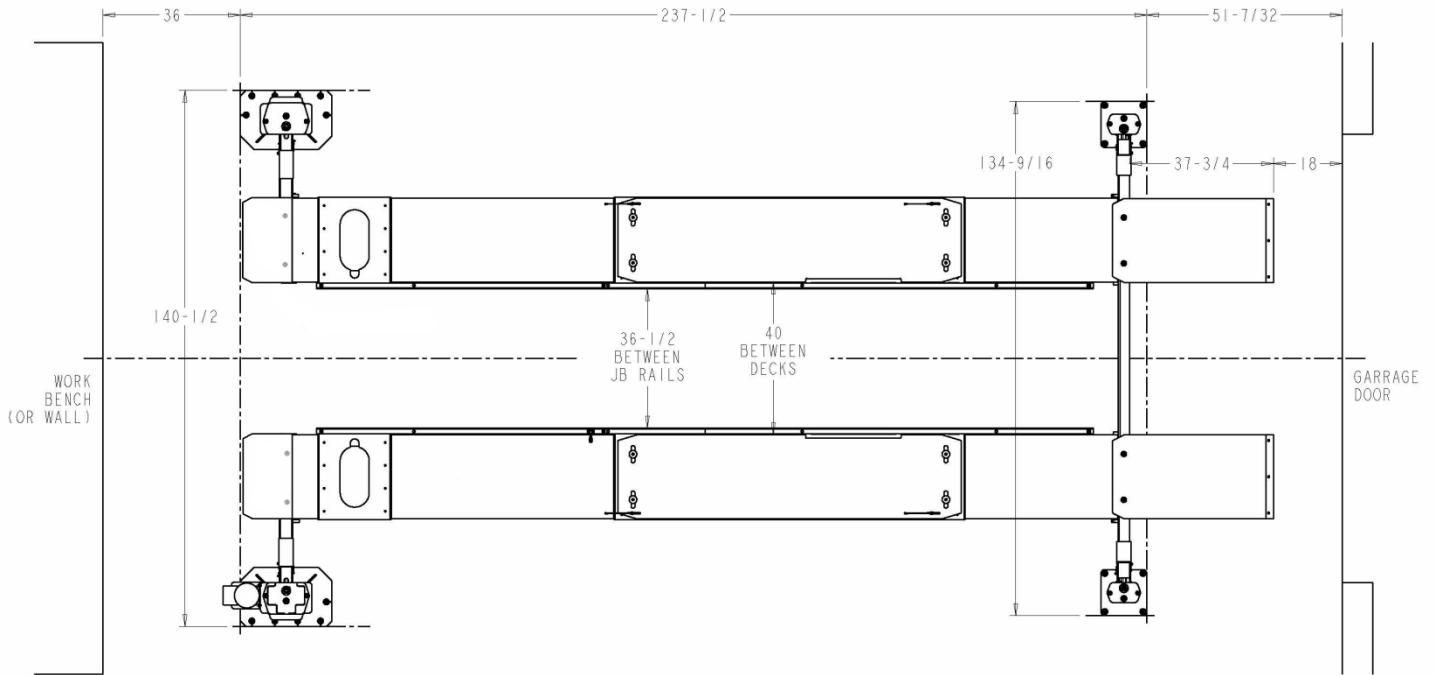
DETAILS:

- Heavy duty lifting capacity, 14,000 lbs.
- Wide Open front design allows easy access to vehicle adjustment points
- 22" wide, "Pro-Style" runways save time when loading vehicles of narrow to wide track widths.
- Ultra low profile design allows "Easy-On" approach angle for low profile vehicles, lowered height just 7".
- 4-Wheel Alignment capabilities, Micro and Sub-compact vehicles, 70" to full size vehicles 158" wheelbases. 2-Wheel Alignment up to of 188" and General Service wheelbases up to 205".
- Industry leading 90" long rear slip plates – no need to repositioning front turn plates to accommodate longer or shorter vehicles.
- Full floating flush mounted rear slips plates – uses encapsulated bearings to fully support the load, move the vehicle effortlessly during alignments. Flush mounting offers smooth transiting during vehicle roll back procedures.
- Strategically positioned openings reduce water and dirt entrapment under the front and rear alignment plates – minimizing corrosion.
- Fully raised height of 74" to the runway surface, with 27 alignment level locking positions.
- Industry proven; roll formed front columns and traverse beam design, spreads critical load forces over larger supporting area – ensuring alignment accuracy.
- 10" diameter pulleys with fiber wound bushing – improves cable performance and life.
- Under runway mounted hydraulic cylinder adds to accessibility and no vehicle door damage. Enhanced pivoting end ensures direct alignment of the primary lifting components, reducing stress while improving performance.
- ANSI/ALI Certified - designed and built here in North America.

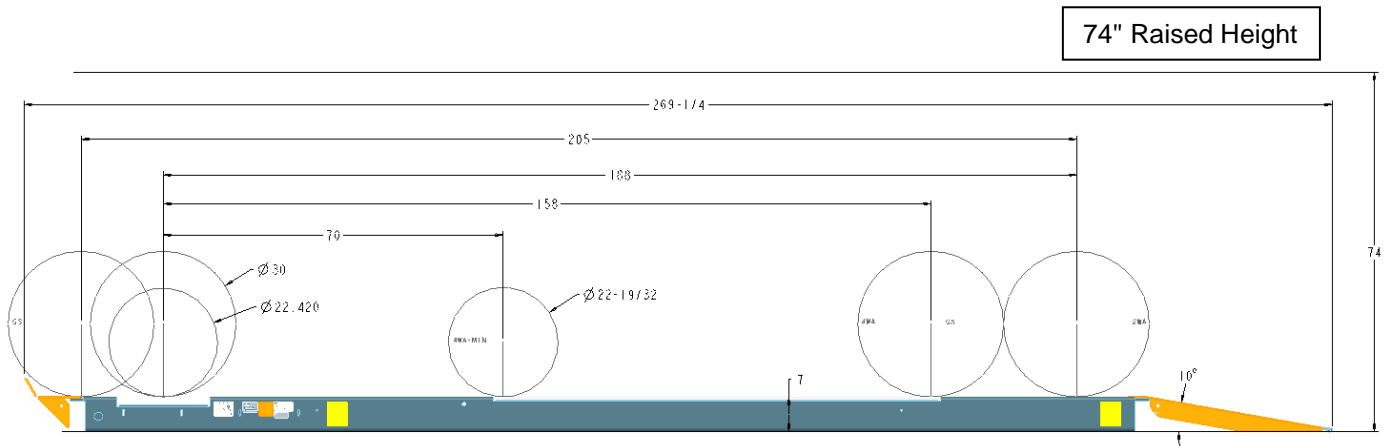
Specifications

	14,000 lb	6350 kg
Maximum Wheelbase – General Service	205"	4876 mm
Maximum Wheelbase – 2-Wheel Alignment	188"	4775 mm
Maximum Wheelbase – 4-Wheel Alignment	158"	4013 mm
Minimum Wheelbase – 4-Wheel Alignment	70"	1778 mm
Overall Length	269 ¼"	6839 mm
Overall Width	140 ½"	3569 mm
Lowered Runway Height	7"	178 mm
Maximum Lifting Height (to runway surface)	74"	1879 mm
Ramp approach angle (no shims)	10°	
Power Requirements	230V AC, 1PH., 20A, 60 Hz	
Shipping Weight	3,800 lb	1724 kg

Top View Layout



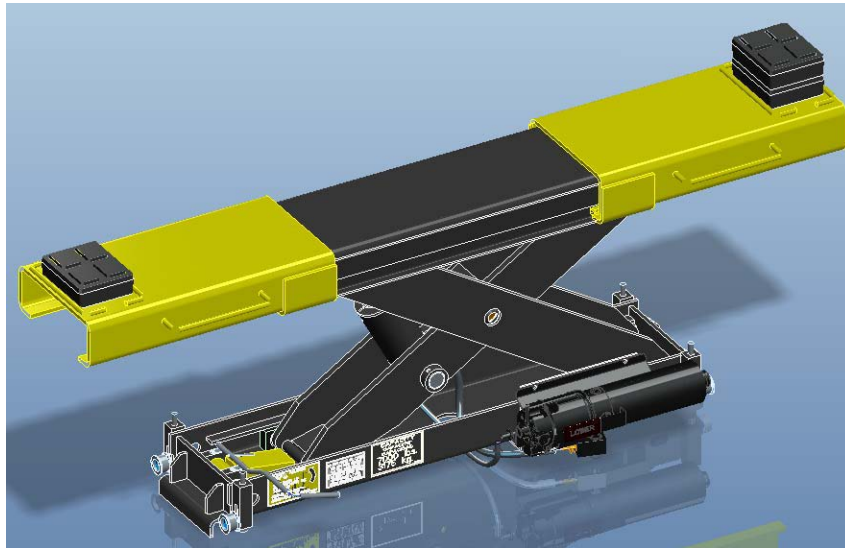
Wheelbase Layout



SPECIAL CONSIDERATION:

“SAFETY INSTRUCTIONS: If attachments, accessories or configuration modifying components that are located in the load path, affect operation of the lift, affect the lift electrical listings or affect intended vehicle accommodation are used on this lift and if they are not certified for use on this lift, then the certification of this lift shall become null and void. Contact the participant for information pertaining to certified attachments, accessories or configuration modifying components”

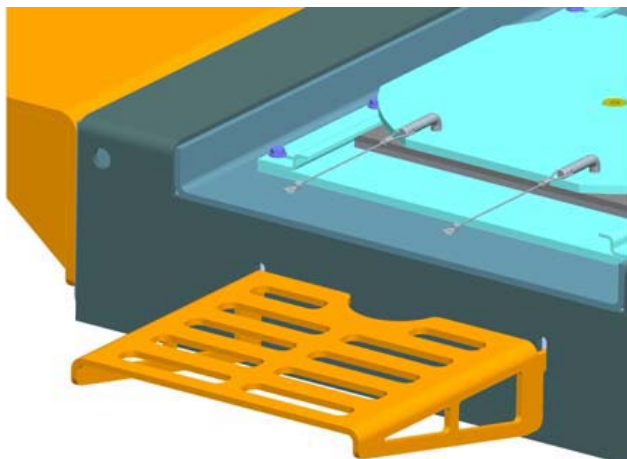
Premium 7000 lb. capacity Air over Hydraulic - Jack Beam - **EELR508A**



Add versatility to your lift allowing wheel free service capabilities. Each jack beam provides 7000 lbs of lifting capacity; a wide arm span from 32 7/8” to 58 5/8” and a high lifting 15” (using one pad), combination rubber stack pads can be stacked for additional height. 3 sets of pads come standard with each jack.

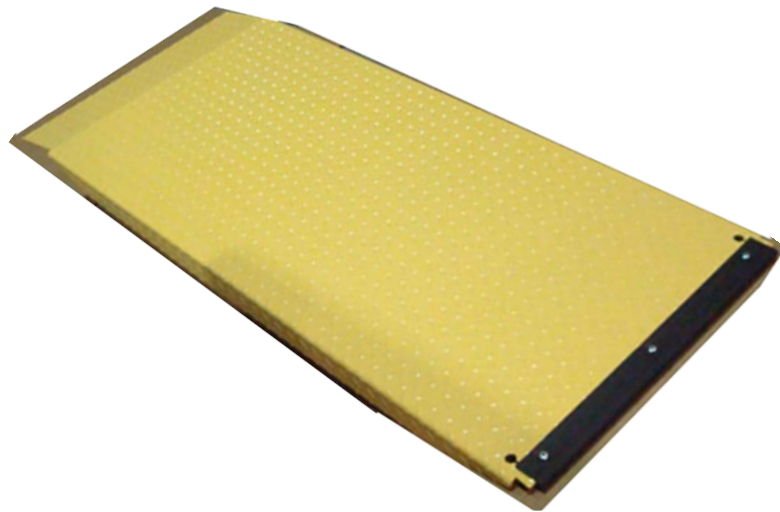
Optional Accessories

Work Step (Qty of 2, Part # 22119)



Work Step has 3 user positions near turn plate pocket allowing the technician easy reach to under hood alignment adjustment points.

Drive Thru Kit (Qty of 2, Part # 31089)



Air Electric Power Station (Part # JBC000896)






SPECIAL CONSIDERATION:

Additional Competitive Product Enhancements

1.

QUAD-RACK™

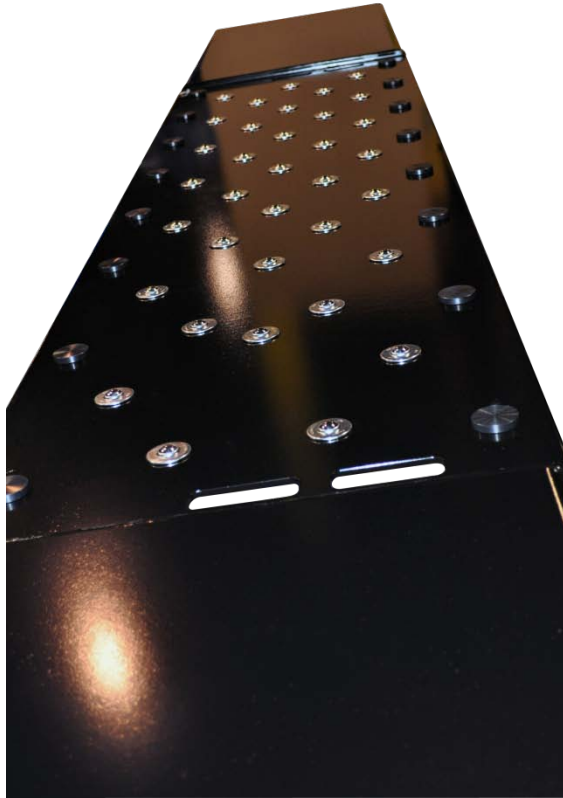
Competitor

<p>Longer Rear Slip Plates 90". Front turn plates do not need to be re-positioned. In one setup a technician can perform a 4 wheel alignment on either a 70" Micro Car wheelbase or an extended 158" wheelbase.</p>  <p>90" Long x 22" Wide Flush Mounted Rear Slip Plates</p>	<p>Competitors often have a longer front turn plate pocket. Operator is required to move the front turn plate position in the pocket when performing alignments on short wheelbase then long wheelbase vehicles. More set up time. Repeated steps. Filler plate required.</p>   <p>80" Long x 18" Wide Flush Mounted Rear Slip Plates</p>
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2

QUAD-RACK™

Maintenance reduced rear slip plates. Oversized encapsulated bearings contact top plate surface only. Opening at the front and rear of the flush pocket keeps water and dirt from building up and affecting use.



Competitor

Circular bearing cages are held in fixed positions. Bearings roll on both top plate and bottom runway surface (wearing both surfaces). Long un-supported spans between bearing cages allow for deforming of top plate. Slip plates seize requiring frequent service and higher replacement costs.



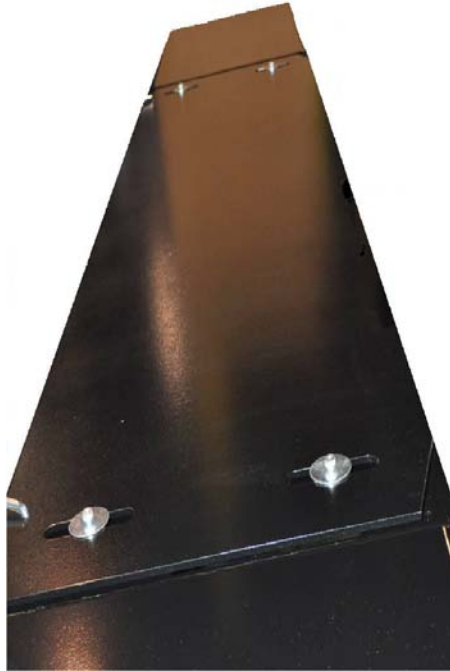
3

QUAD-RACK™

Competitor

Full 22" wide runways with 22" wide rear slip plates allow for easy vehicle positioning while reducing bearing loads.

Narrow rear slip plate width reduces potential use. Heavier vehicles are positioned at outer edge of slip plate. Excessive load on bearings. 20" wide runways with 18" wide rear slip plates.



4

QUAD-RACK™

Competitor

Front Traverse Beams uses box design to add support. Added support capture the safety ladder, ensuring relationship between the safety lock and safety ladder is always maintained.

Front Traverse Beams without supports has open back face. Relationship between safety lock and ladder is made using plastic glides.



5

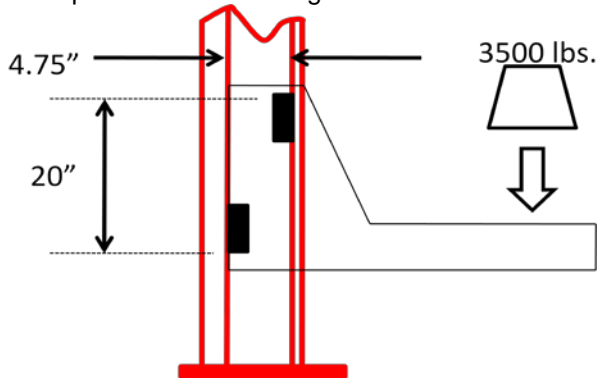
QUAD-RACK™

Competitor

Open front columns need to carry the load. Proven roll formed columns give superior strength from added bends, larger support area reduces open front flexing.



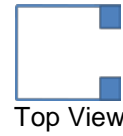
Simple math, larger coverage area between glide blocks provides more strength.



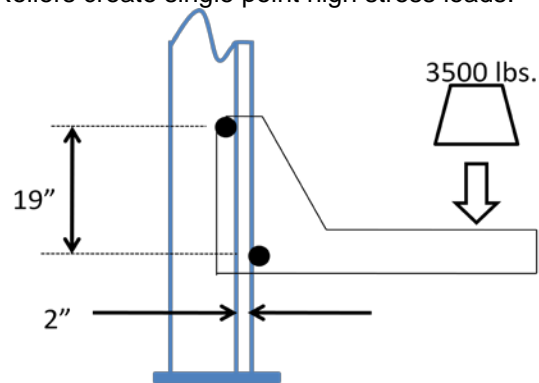
Glide Blocks are on inside of column. Clean painted surface. Safety ladder has 27 alignment level locking positions.



Bent front and rear columns are often weaker and require heavy re-enforcements; installation may require tilting of runways to compensate for flexing.



Smaller area between rollers gives less support. Rollers create single point high stress loads.



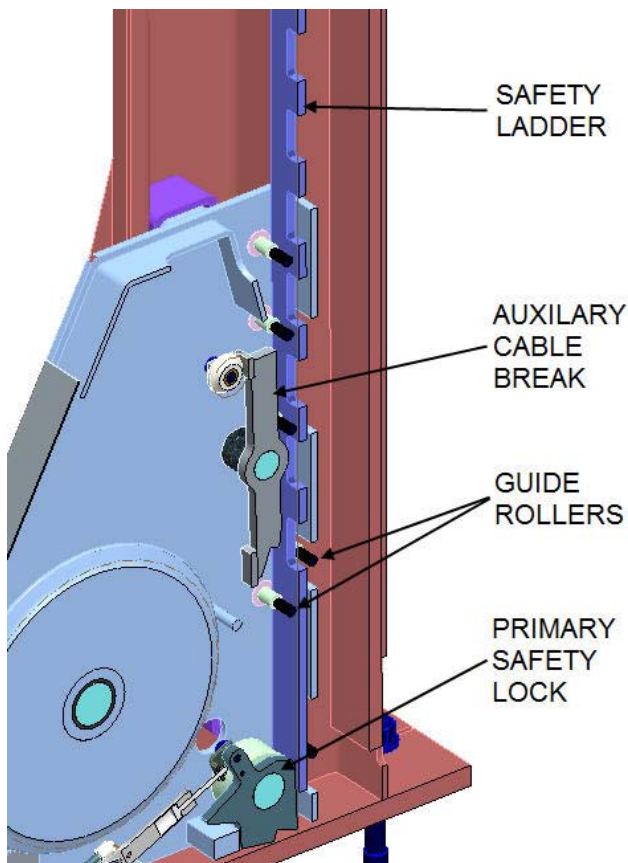
Rollers run on 2" x 2" square tube welding to "U" shaped column. Unpainted surface. Safety ladder has 13 alignment level lock positions.



Safety Ladders are installed through the Front and Rear beams maintaining the relationship between the safety lock and safety ladder. The auxiliary cable break safety operates separately from the primary safety lock to ensure engagement when needed. Less wear by having separate operations. Premium corrosion resistant stainless steel air cylinders used in lock release system.

Competitor guides the ladder using short plastic slides. The primary and auxiliary cable break safety operates from the same activation point. Steel air cylinders used in lock release system. Lock releases are located at the lowest point in the air system; moisture can collect causing corrosion and cylinder seizing.

Cross Section view of Front Cross Member in Column



Safety Ladders have 27 level locking positions



Ladder held in position by plastic retainers. Safety ladder has 13 lock positions.



PHOTOS:

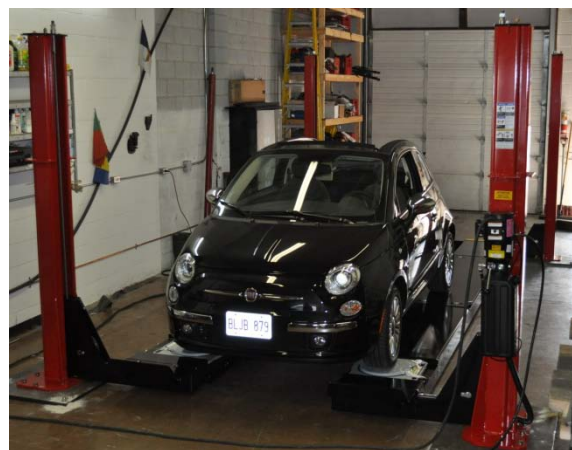
Without vehicle



With Large Ford Extended Cab Pick Up



With Fiat 500C Lowered



With Fiat 500C Raised

