

ELC Transmission Jack *with Cushion Lifting*

FEATURES...

- **CUSHION LIFTING** allows height adjustment up to 1/8" without using the hydraulic pump.
- **MADE IN THE USA** at Centreville, MI with our traditional "built-to-last" quality... the same quality built into our aircraft jacks.
- **NO AIR NEEDED!** The multi-power hydraulic hand pump is conveniently placed just under the lifting platform for ease-of-use.
- **ALL STEEL CONSTRUCTION**
- **NICKEL-PLATED HYDRAULIC PISTONS** for long service life.
- **FOUR-WAY TILT LIFTING PLATFORM** with micro adjustments for precision positioning.
- **FLUTED KNOBS** for comfortable tilt adjustment control.
- **1" SAFETY TIE-DOWN STRAP** with cam buckle for securing loads.
- **HEAVY CENTER-POST DESIGN** with telescoping tubes made from 1-7/8", 2-1/2" and 3-1/4" tubing.
- **4" SWIVEL CASTERS** with non-marring wheels and double ball raceways. Made in USA.
- **REMOVABLE STEERING HANDLE** provided to assist in transporting.
- **28" SQUARE FOOTPRINT** for stable lifting while still providing a user-friendly environment for technicians to work around the legs.
- **LUBRICATION POINTS** provided for moving parts including the telescoping tubes.
- **SHIPPED FULLY ASSEMBLED...** Simply attach the transmission contact angles and the ELC is ready for use.



CUSHION LIFTING *'Making Adjustments Easier'*

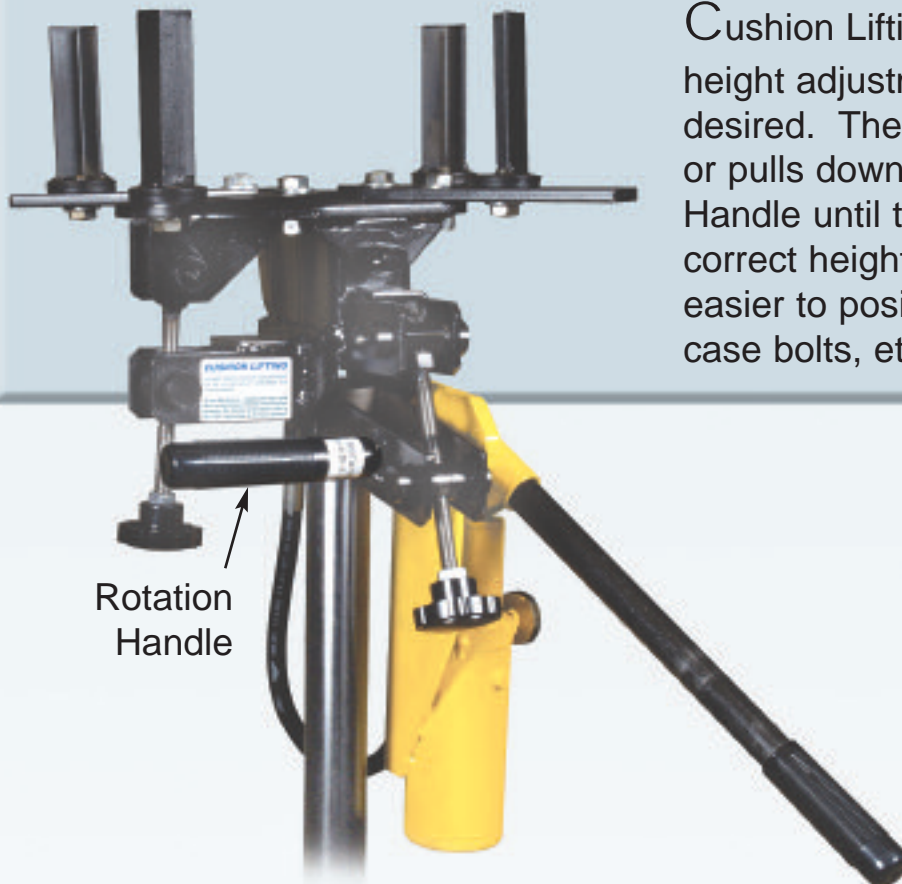
In hydraulics, it's possible to have two different types of air in a system. One type is called "free air." That's the air that isn't constrained by the fluids and rises to the top whenever possible. Normally, this free air is then removed through some bleeding process. The ELC Transmission Jack is uniquely designed to self-bleed, and purges all free air from its system.

The other type is called "dissolved air" or "entrained air." This is made up of microscopic air bubbles that are too small to force their way through the fluid molecules, thereby becoming trapped or entrained. It can be found in most fluids—including hydraulic oil. The best example of dissolved air is the air that fish "breathe."



This air, like all gases, is compressible and can create a "spongy" lift under certain conditions. Through the use of a small piston that's sensitive to dissolved air and premium oil with a low air content, the ELC controls this "cushion" effect to make it a work-saving benefit.

Cushion Lifting is especially helpful when height adjustments of 1/8 inch or less are desired. The technician simply pushes up or pulls down on the ELC's Rotation Handle until the lifting head is at the correct height. This feature makes it easier to position the pan contacts or align case bolts, etc.



Rotation
Handle

ELC Transmission Jack

- **American Made** • **Built to Last**
- **User Friendly** • **Affordable**

"Every design feature and every part manufactured had to meet all the above standards in order to be incorporated into the ELC. Our major goal was to create a transmission jack that a discerning person would be proud of using... without being forced to pay well over \$1000. To reflect our sense of achieving that goal, I've named the ELC in honor of three very special women in my life: Ellamaree (my mother), Laura (my wife) and Connie (our daughter)."

Barry G. Meyer, President
Meyer Hydraulics Corp.

Specifications

ELC Transmission Jack

Capacity	1,200 lbs.
Minimum height	35-1/2"
Maximum height	74"
Full range lifting time	50-65 seconds
Average load lifting time	25 seconds
Center frame tube	3-1/4"
Lower center post	2-1/2"
Upper center post	1-7/8" X 1/4" wall
Front/back tilt	17/27 degrees
Side/side tilt	12/17 degrees
Safety tie-down strap	1" x 48" nylon with J-hook
Swivel caster	4 - 4" x 1-1/4" Polyolefin
Base dimensions	31" x 31"
Center to center of casters	28" square
Shipping weight	145 lbs.



Meyer Hydraulics Corporation

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