

TR2 – Tru-Trac™ Flexible Rack Installation

Notes

1. The Tru-Trac™ flexible rack must be edge-mounted to clear the Tru-Trac™ housing.
2. For installation, spring tensioning, and removal of the Tru-Trac™ unit itself, refer to Technical Bulletin TB-518.
3. To install a TR2 rigid rack-based gearing system, or for alignment of the gearing system, refer to Technical Bulletin TB-522.
4. To install a TR2 flexible rack-based gearing system, see instructions below.
5. If installing the flexible rack with adhesives, it is best to stress relieve (pre-bend) the flexible rack and clean the surfaces to be adhered with a cleaning/degreasing solvent. Compatible adhesives for securing the flexible rack include cyanoacrylate, toughened acrylic, solvent-based adhesives, and methacrylate epoxies.

Required Tools

- EPC Flexible Rack Clamp Kit
~ TR2 accessory part number # 161548
- EPC Flexible Rack Guide Rail
~ TR2 accessory part number # 161547
- EPC Rack Spacer Block
~ TR2 accessory part number # 176219
- # 2 Phillips tip screwdriver
- 5/32" or 4mm hex "L" key and 7/16" end wrench
- 3/32" hex "L" key

Installation

1. If using the rack clamp kit to install the flexible rack ensure that a minimum spacing of .20" is remaining between the clamps to avoid interference with the pinion gear.
2. When using the flexible rack guide rail, install the guide rail first with the clamps in the clamp kit or by drilling and countersinking screw holes into the bottom of the rail. Then slide the flexible rack into the mating slot in the rail and secure the flexible rack in place.

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