

Congratulations! You have just purchased a set of **T-Rex Racing** Frame sliders. We are a US company headquarter in Dallas, Texas. These frame sliders have been designed to minimize the damage to your sport bike in the event of a fall or tip over. They are the strongest possible design that we created. They can absorb about 50% more impact than the direct-bolt on sliders since the brackets take most of the impact onto themselves and transfer only a small portion to the frame. Whereas the direct bolt-on sliders transfer the entire impact onto the frame. The brackets are made of aircraft grade 6061-T6 aluminum alloy and anodized using Japanese dies and treatment process. The color are UV-treated and fade-resistant. The slider pucks are made of UHMW-PE, a tough type of plastic used in many industrial ball bearing and conveyor application. They are made solid, not hollowed out in the center like those of competitors. They are machined and shaped to flow with the bike instead of the old-fashioned round puck sticking out from the fairing. The pucks are also wider which in turn allow 30-80% increase in contact surface and strength. The bolts are made of strongest grade 12.9. We carry all the replacement parts for the sliders. Please feel free to email us at [customerservice@t-rex-racing.com](mailto:customerservice@t-rex-racing.com) or call 972-243-7868 if you have any question.

**Important:** T-Rex Racing requires that this product to be installed by a certified technician. It is important that manufacturer torque specification is applied correctly to all the bolts involving with the installation. Please refer to the service manual for exact number. **Medium strength thread-lock compound** is highly recommended for use on the bolts involved with the installation. All screws, bolts, and nuts need to be checked after driving the first 20 mile (or 30km) to ensure that all are tightened properly. Check for any sign of looseness or irregularity. If found, do not use the system. Contact us promptly. Maintain the speed limit. Note that this online instruction is the most updated version and take precedence over the printed version.

### **Top Issue with torque wrench. Please Read before install:**

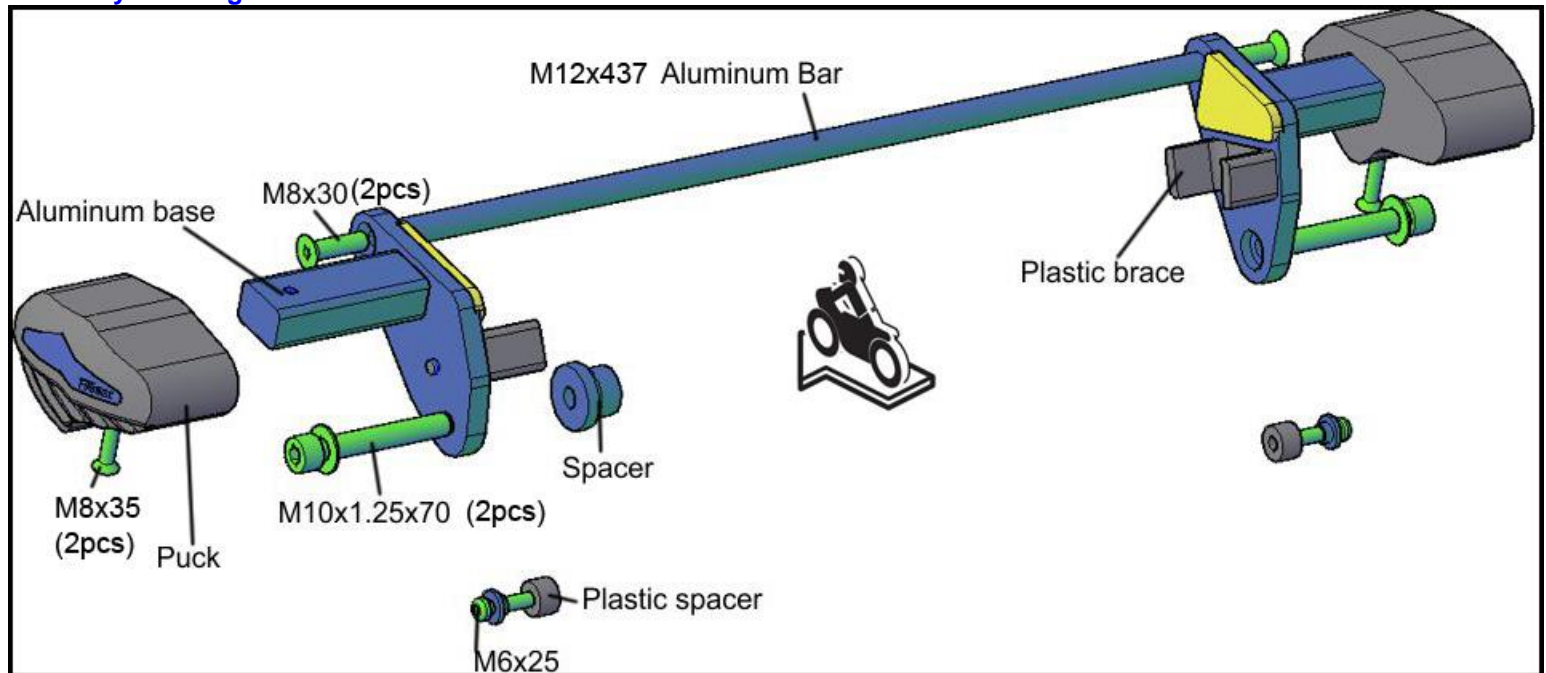
In the case of breakage or thread-stripping of bolts when using torque wrench, majority of the time the reason would be due to the use of incorrect range torque wrench. For instance, if a torque wrench says 10-100 ft/lbs range, trying to torque a 6mm bolt to 10 ft/lbs value would likely result in error or breakage. This is because most major manufacturers of click type torque wrench guarantee accuracy within 20%-100% of their maximum range value which means the aforementioned wrench would only work correctly between 20-100 ft/lbs. Therefore, the appropriate torque wrench range would be 10-50 lbs or ideally 5-30 ft/lbs.

In addition, torque wrench should be calibrated yearly for accuracy. Heavy usage wrench can suffer wear and tear and heavy impact. Under usage can suffer from rust or oxidation. Both of these can affect the accuracy of the wrench.

So to recap everything, choose a torque wrench with a range that the desired torque value would be somewhere in the middle of the range. And make sure the wrench is recently calibrated.

### **Installation Instructions:**

#### **Parts Lay-out Diagram:**



**Installation Video:** <https://youtu.be/xnw7IzPmeBw>

- 1. For the bike model 2019-On: Remove the fairing bolts at the circled locations B and D in the pic 1 and 2. For Bike Model 2024-On, the fairing need to be remove on both side of the bike.**
2. Start with the left side. Remove the engine bolt at circled location A in pic 1.
3. Install the left bracket by using the M10 bolt and spacer. Please make sure the plastic brace wrap around the frame. Hand-tighten the bolt at this point only.
4. Move to the right side and remove the engine bolt at circled location C in pic 2.
5. Install the right bracket by using the M10 bolt. Please make sure the plastic brace wrap around the frame. Hand-tighten the bolt at this point only.
6. Install the aluminum bar by using two M8x30 bolts. Tighten these bolts to about 12ft/lb.
7. Tighten the M10 bolts to about 35ft/lb.



8. Install the pucks onto the aluminum bases by using the M8 bolts.
9. Tighten the M8 bolts to about 12ft/lb.
10. **For the bike model 2019-On: Reinstall the fairing bolts by using the new M6x25 bolts with small aluminum sleeve and plastic spacers. The plastic spacer will place between the fairing and frame. Tighten these M6 bolts to snug fit only.**



[www.T-Rex-Racing.com](http://www.T-Rex-Racing.com)

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We will work with our attorney, The Law Office of Daniel Swayze, in Plano TX and our eBay account manager to actively enforce our rights. eBay will remove copyrighted products and suspend respective sellers

**Disclaimer:**

The purchaser and user of this product releases T-Rex Racing, Inc., its distributors and resellers of any liability pertaining to installation and uses of the purchased parts. This liability includes but not limit to personal injury, vehicle and property damages, lost business, direct or indirect expenses accrued or associated with the installation and use. Purchaser recognizes that any alteration or modification to the vehicle may increase the risk of injury, accident or vehicle damage. Follow your bike manufacturer's recommendation and inspect your bike for any sign of looseness or irregularity before each ride. This product does not guarantee that it will protect you or your bike in case of a fall, a tip over or drop. **If you have any suggestion for improvement or an idea for new product please email us at [customerservice@t-rex-racing.com](mailto:customerservice@t-rex-racing.com) or call us at 972-243-7868.**

