

# FULL METAL STUNTS

## FZ07 CRASH CAGE INSTALLATION GUIDE

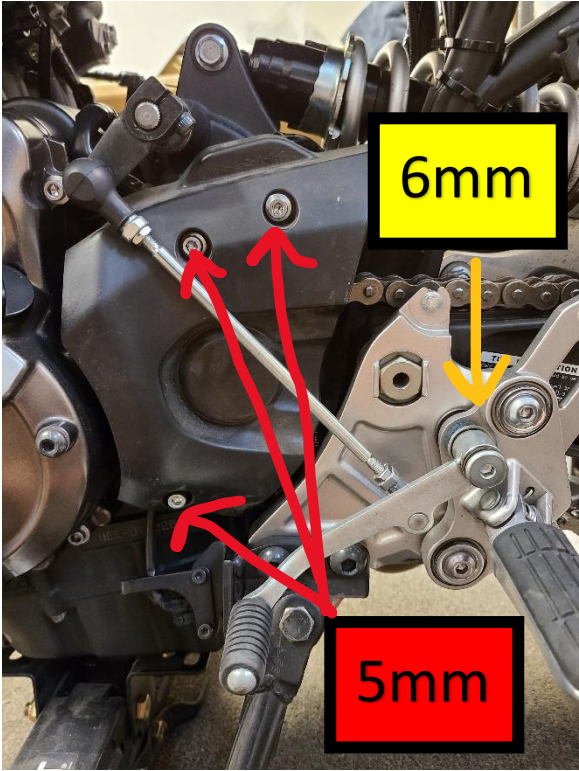
### TOOLS NEEDED:

- 8, 14, 17 & 19 mm socket
- 4, 5, 6 & 8 mm Allen key
- Jack (recommended)

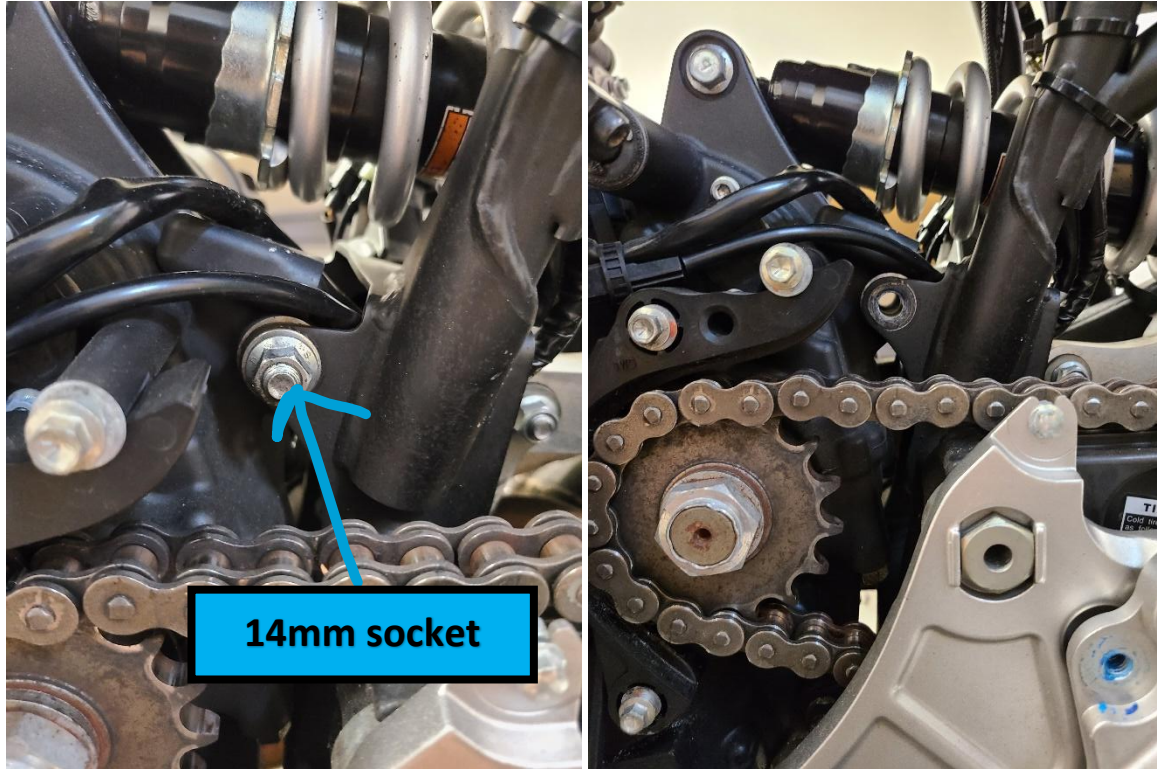
Step 1: First place a jack underneath the engine to support the engine from moving (recommended).



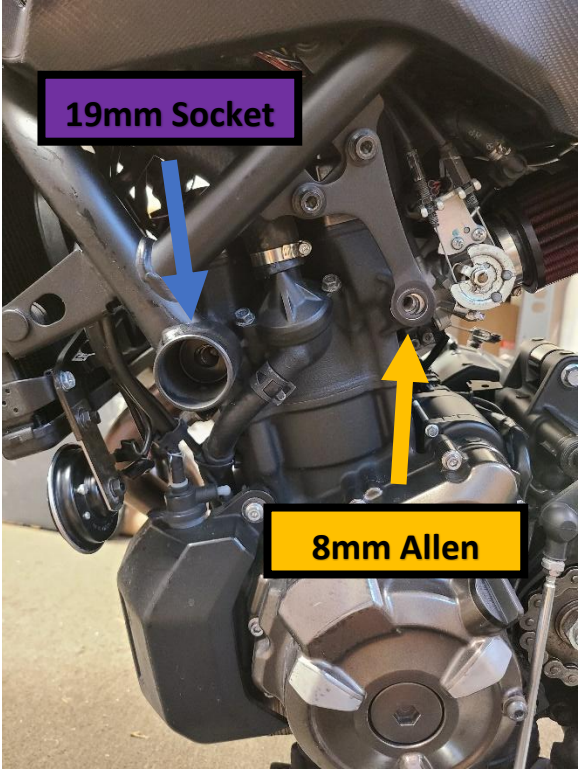
Step 2: Starting on the left side of the motorcycle remove the sprocket cover (5mm Allen key) and shift pedal pivot bolt (6mm Allen key) to access the rear engine bolt. These items will be reinstated upon completion.



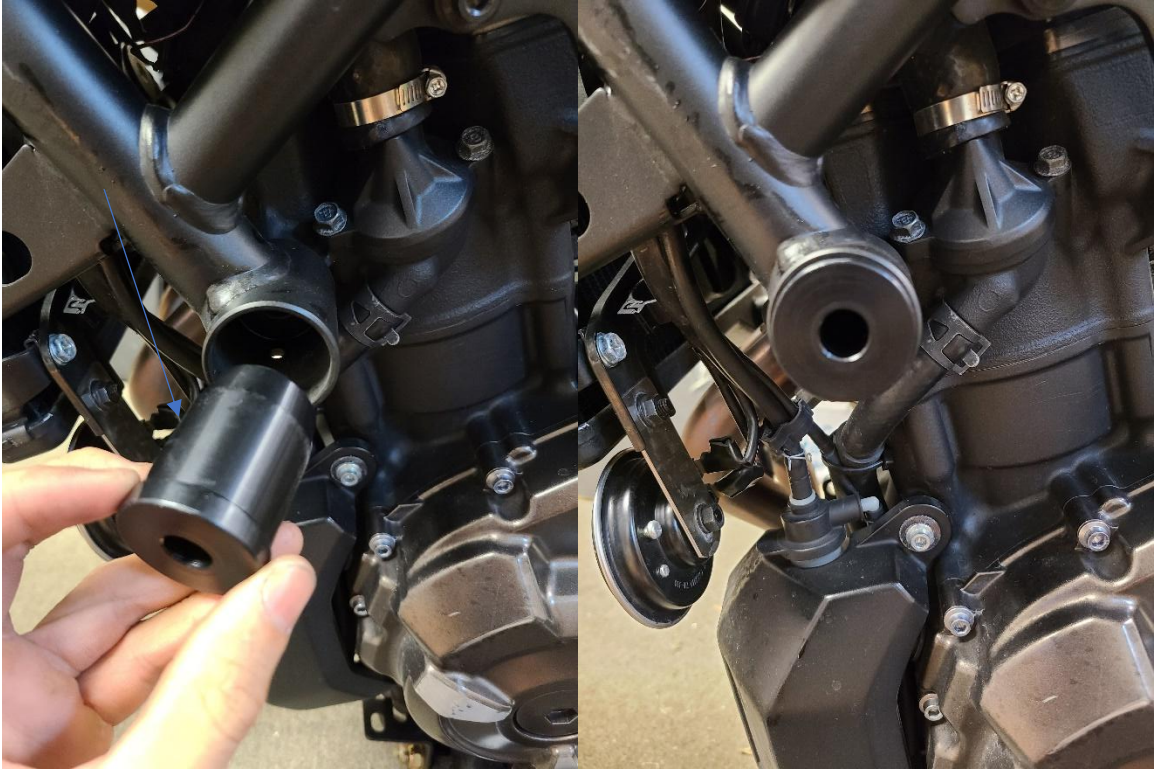
Step 3: With the sprocket cover removed use a 14mm socket to unbolt the rear engine bolt nut and remove the bolt. We recommend using two socket wrenches or impact wrench to loosen and remove the nut.



Step 4: Go to the front of the bike and remove the front engine bolt (19mm socket) and middle bolt (8mm Allen key) on the bike



Step 4: Take your engine mount spacer and place it inside the front frame mount



Step 5: With the hardware provided place the 12mm x 1.25 x 100mm inside the front tube mount and 10mm x 1.25 x 50mm bolt in the center tube mount. Take your cage and line the up with the holes on the bike. Loosely thread the hardware into the bike but do not tighten down yet.



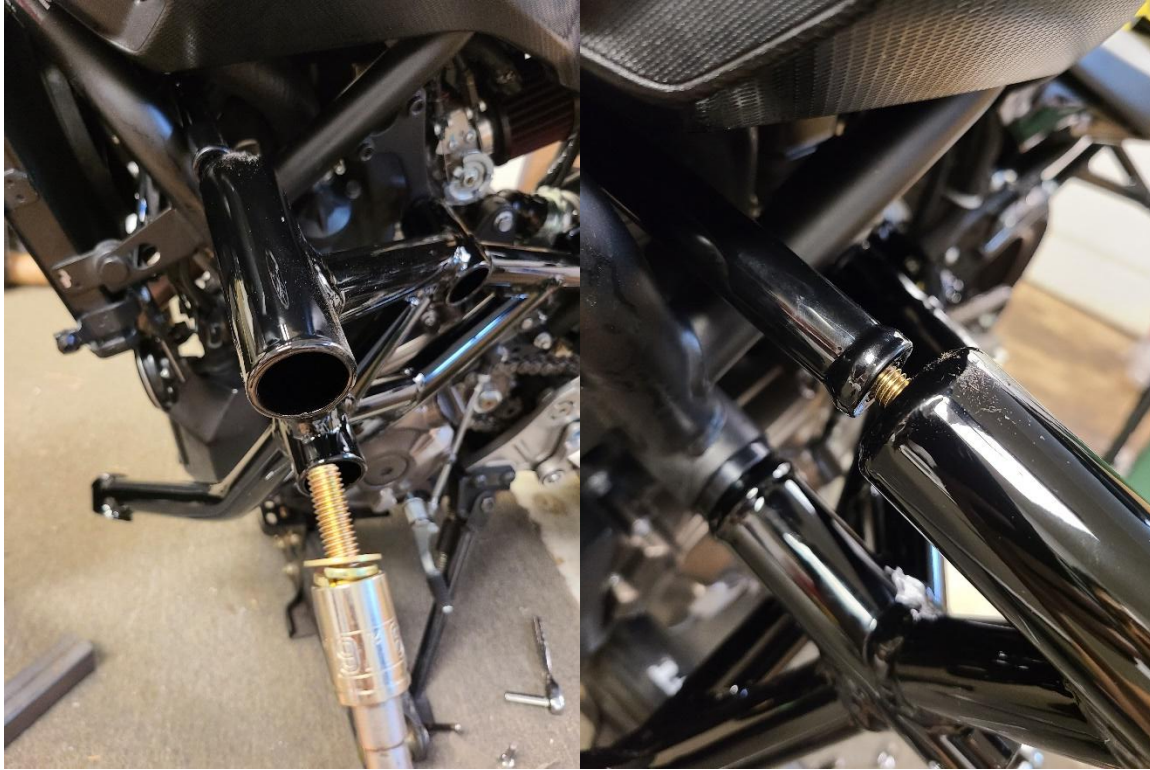
Step 6: Take the 10mm x 1.5 x 150mm place it through the rear plate of the cage and rear engine mount of the motorcycle.



Step 7: Take the top cross bar (longest bar) and remove the assembled hardware (9/16" or 14mm socket). Go to the right side of the bike and set the cross bar through top section of the frame.



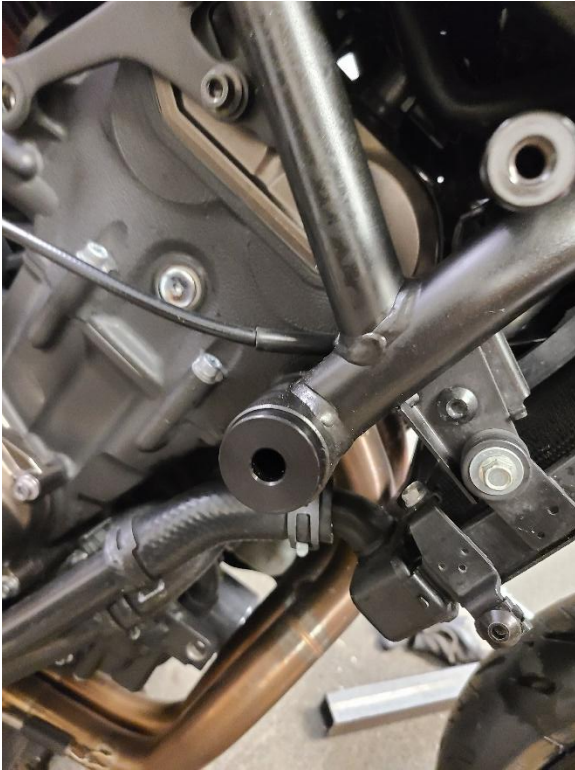
Step 8: take the 3/8s bolt with washer and loosely thread it into the crossbar through the top puck mount.



Step 9: Now on the right side of the bike remove the front engine mount and middle engine bolt.



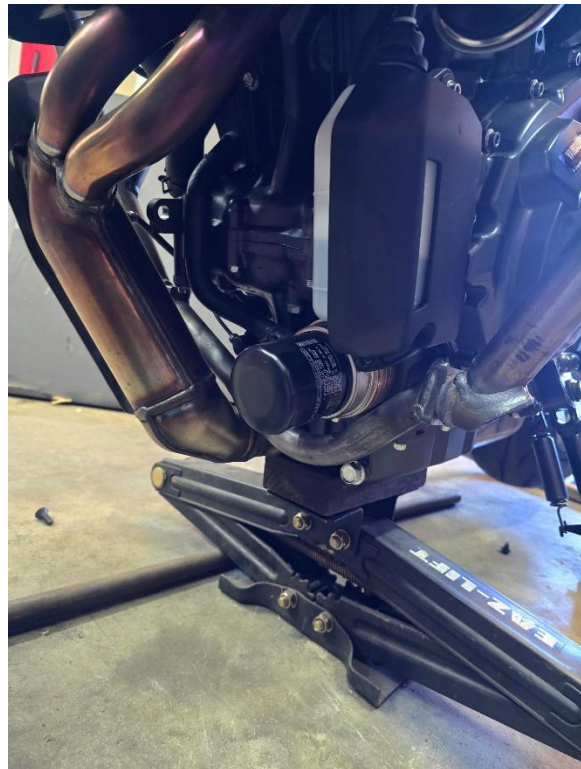
Step 10: install engine mount spacer in the front engine mount frame.



Step 11: With the 12mm and 10mm bolt place them inside the cage, align the cage with the mount points and rear engine bolt and loosely thread the cage into the bike.



Step 12: Take the lower cross bar and install it between lower cage mount. (RACE RAILS DO NOT HAVE A LOWER CROSS BAR). Newer versions of the cage have a bent lower crossbar.



Step 13: Align the top cross bar with the top engine puck mount and thread the 3/8s bolt and washer in.



Step 14: Take the 10mm nut and thread it onto the rear engine bolt.



Step 15: Once all mount points are aligned go through each bolt and proceed to torque the bolts to spec

ITEM	THREAD SIZE	TIGHTENING TORQUE SPECS		
		Nm	m•kgf	ft•lbf
FRONT ENGINE BOLT	M12	61	6.1	43
MIDDLE ENGINE BOLT	M10	33.9	3.39	25
REAR ENGINE BOLT	M10	55	5.5	40
CROSS BARS	3/8	30	3.0	22

Step 16: last place the delrin sliders into the puck mounts and secure them with the set screw provided hand tighten the set screws firmly will be enough to keep them in place.

