



WEBSITE: TeamFAST.COM

SALES: 218-744-2101

TECH: 218-744-2107

EMAIL: [rider@teamfast.com](mailto:rider@teamfast.com)

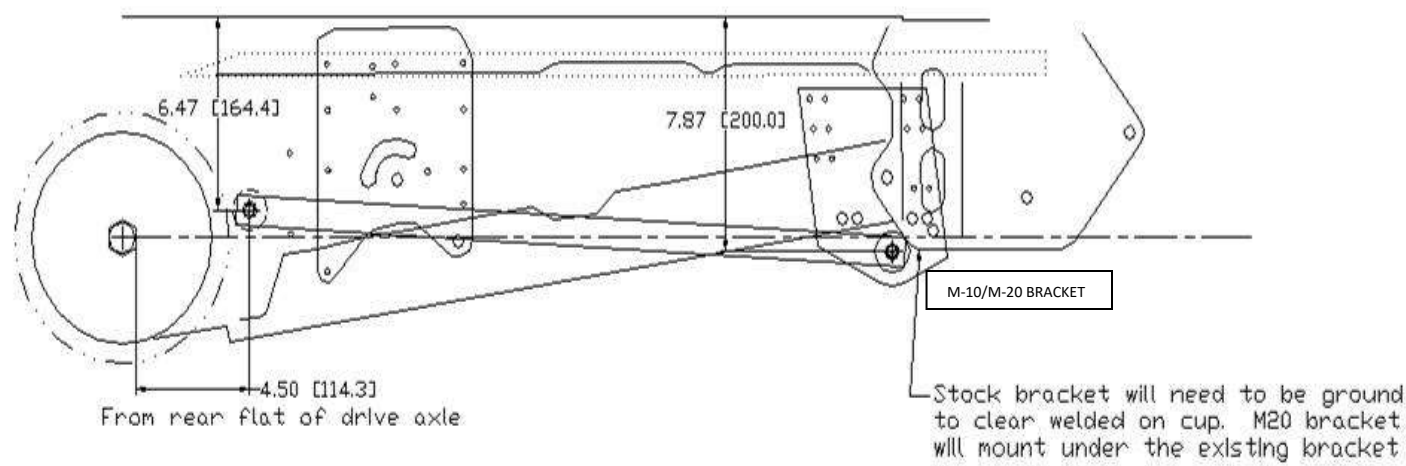
## **2011-2014 YAMAHA APEX 128" TRACK / M-20 128" INSTALLATION INSTRUCTIONS** 030614

1. Turn fuel valve to the off position.
2. Safely and securely lift and support the rear of the sled.
3. Remove stock suspension.
4. From the inside of the tunnel on the RH side, measure back **4.50" (114.3 MM)** from the flat of the drive shaft and scribe a line. Measure down from top of the tunnel **6.47" (164.4 MM)** and scribe a line. Center punch the intersection of these two lines. Drill the punch mark to pass a 7/16" bolt through. This will be the M-10 front arm location. See Diagram #1.
5. The small black steel plate will mount inside the tunnel at the M-10 front arm location. Place the black plate over the 7/16" hole drilled in Step #4 and mark the rivet holes in the four corners. Drill and rivet to the inside of the tunnel. Drill the 7/16" hole through this plate. See photo #1.
6. The large, black, steel mount brackets are for the M-10 rear arm and will mount to the inside of the tunnel. Due to varying tunnel taper in sleds, the top of the bracket may need to be trimmed to fit your particular sled, make and model. See Diagram below.
7. **CAUTION:** You must be careful to not drill through the rear heat exchangers. See Photos #5 & #6.
8. RH rear arm mounting plate (black plate). Using the provided steel template provided; align the 7/16" hole in one end of the template with the 7/16" hole in the front of the tunnel drilled in Step #4 & 5. Slip a bolt through to hold in place. Align the 7/16" hole in the opposite end of the template with the 7/16" hole in the rear black mounting plate. Slip a bolt through to hold in place. Measure down from the top of tunnel **7.87" or (200 MM)** to the center of the 7/16" hole in rear arm mounting plate (black plate). **Make sure the top of the plate is perfectly parallel with the top of the tunnel.** Temporarily tape mounting plate into place. Center punch the top right 17/64" hole and the third from the right 17/64" hole in the black plate to the tunnel. Drill and temporarily mount plates through these holes in the tunnel. Using the mount plates as a drill guide drill at least two more 17/64" holes and the two 3/8" bolt hole as per instructions in the Rear Drop Bracket Diagram. See Photo # 4.
9. Perform Steps #4, 5, 6, 7 & 8 on the LH side of the tunnel.

10. Install front upper shaft into the front arm upper tube. This is a good time to grease the shafts. Install a front spacer on each side of shaft.
11. Install the rear shaft into the rear arm upper tube. This is a good time to grease the shafts. Place a carrier wheel on each side up against the arm. Place a rear space on each side of shaft.
12. The rear black mount plates will mount to the rear arm first then be lifted up and bolted to the tunnel. Bolt the mount plates to the rear arm with the 7/16" bolt and lock washer provided. **While you torque the bolts to 70 ft-lbs you must keep the top of the plates parallel with each other from side to side. Make sure they are parallel with each other or you will have difficulty aligning them when bolting into the tunnel.**
13. **Rear Factory Bracket Mods:** The factory rear mount bracket will stay mounted into the tunnel. You will need to temporarily remove the forward mount bolt and grind off a small portion on the front, bottom corner of the rear factory bracket. See Diagram #1 and Photo #5 & #6.
14. The M-10 / M-20 rear mount bracket will slide under the rear factory bracket and against the tunnel. Drill the front bolt hole of the factory bracket through the rear M-10 / M-20 rear mount bracket and put the factory bolt back in place through both rear mount brackets. See Diagram #1 and Photo #5 & #6.
15. Place the suspension into the track
16. Raise the front arm into position & bolt into tunnel using the 7/16" Allen bolt with a lock and flat washer. **Torque to 70 ft lbs.**
17. Raise the rear arm & mount plates into position & bolt into the tunnel using the provided hardware.
18. Bolt front and rear upper shock eyes to upper arm mounts. **Torque bolts to 45 ft lbs.**
19. Attach limiter strap. Adjust for safe and stable cornering on the trail.
20. Make proper suspension settings for rider, sled and conditions.

**PHOTOS: The photos in these instructions may not be of the exact sled, they are for reference only. The Dimensions called out in these instructions ARE for the exact make and model sled and should be followed as shown.**

2012 Apex  
Preproduction 128"  
02-25-14



Center Distance Guage

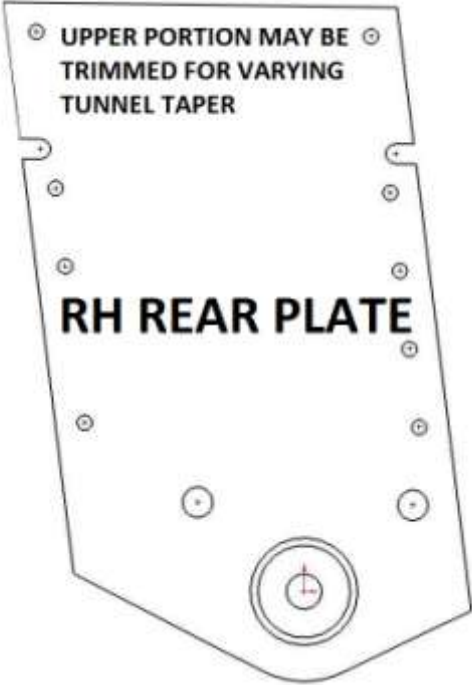
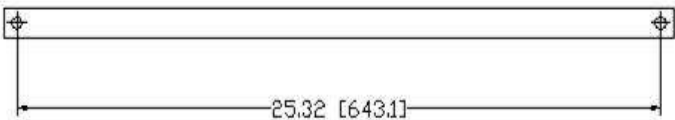


PHOTO #1

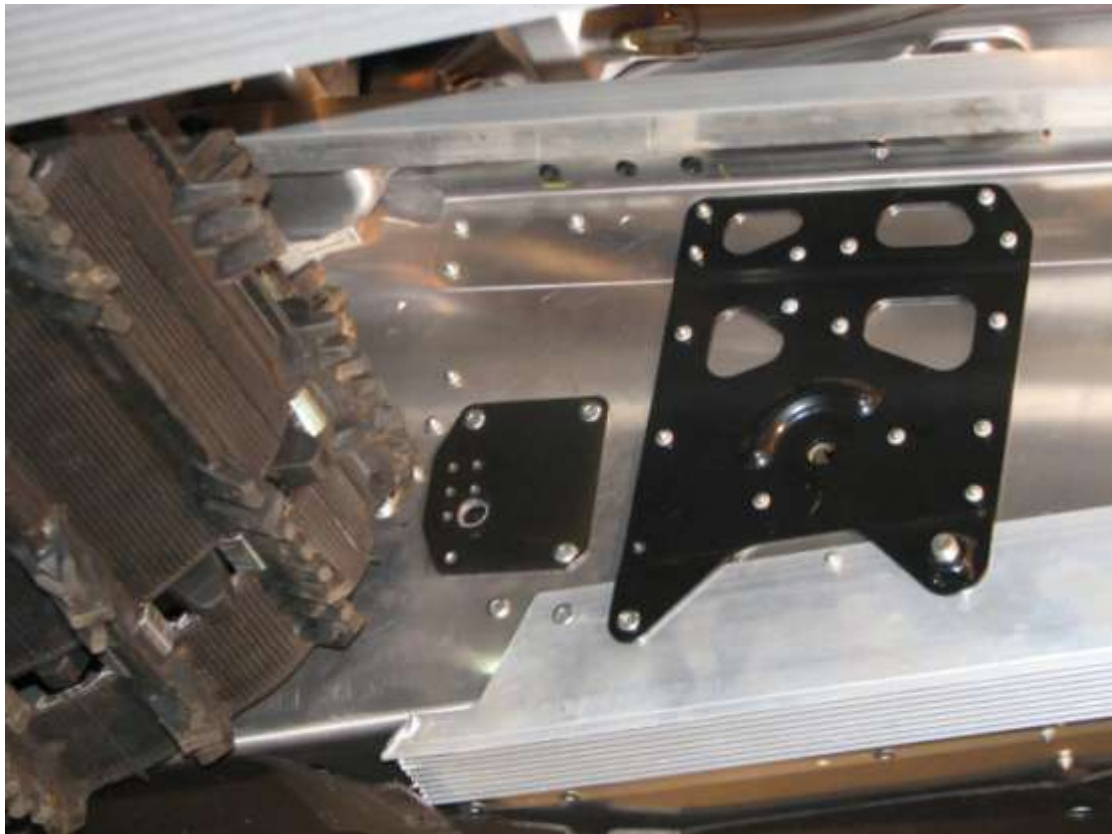


PHOTO #2

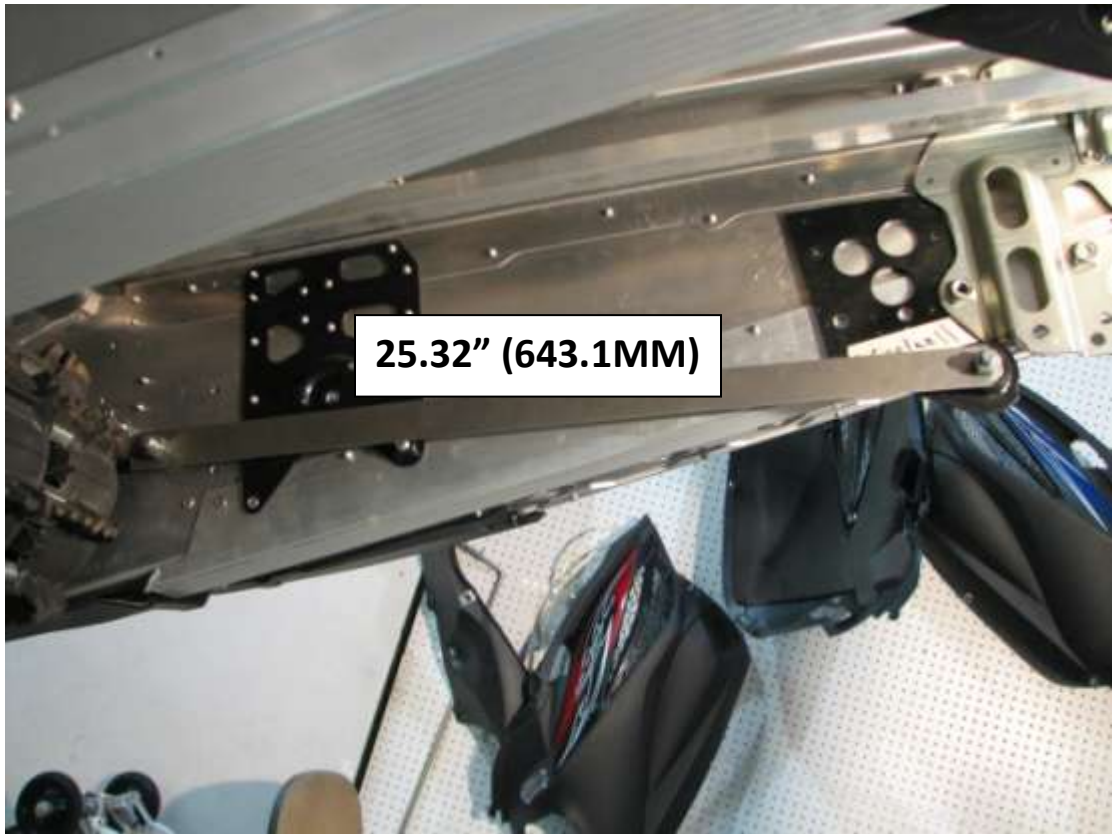


PHOTO #3

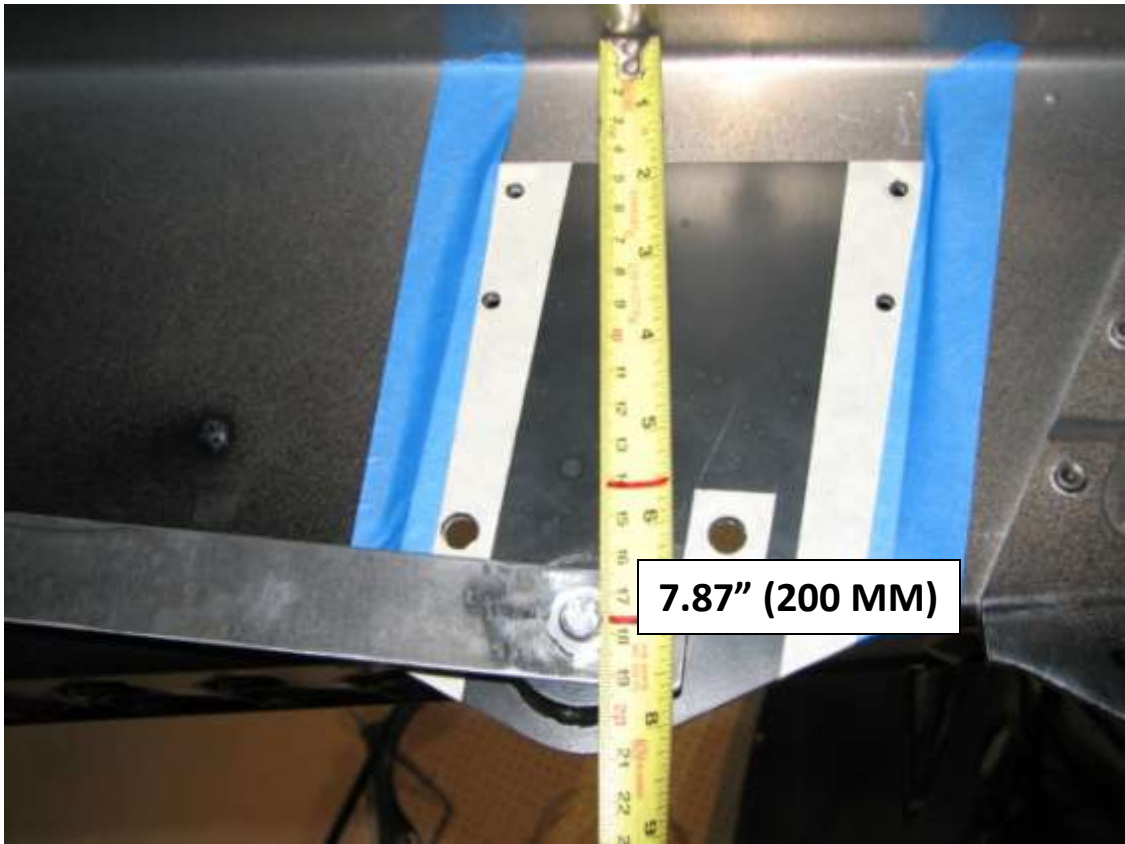


PHOTO #4





PHOTO #5

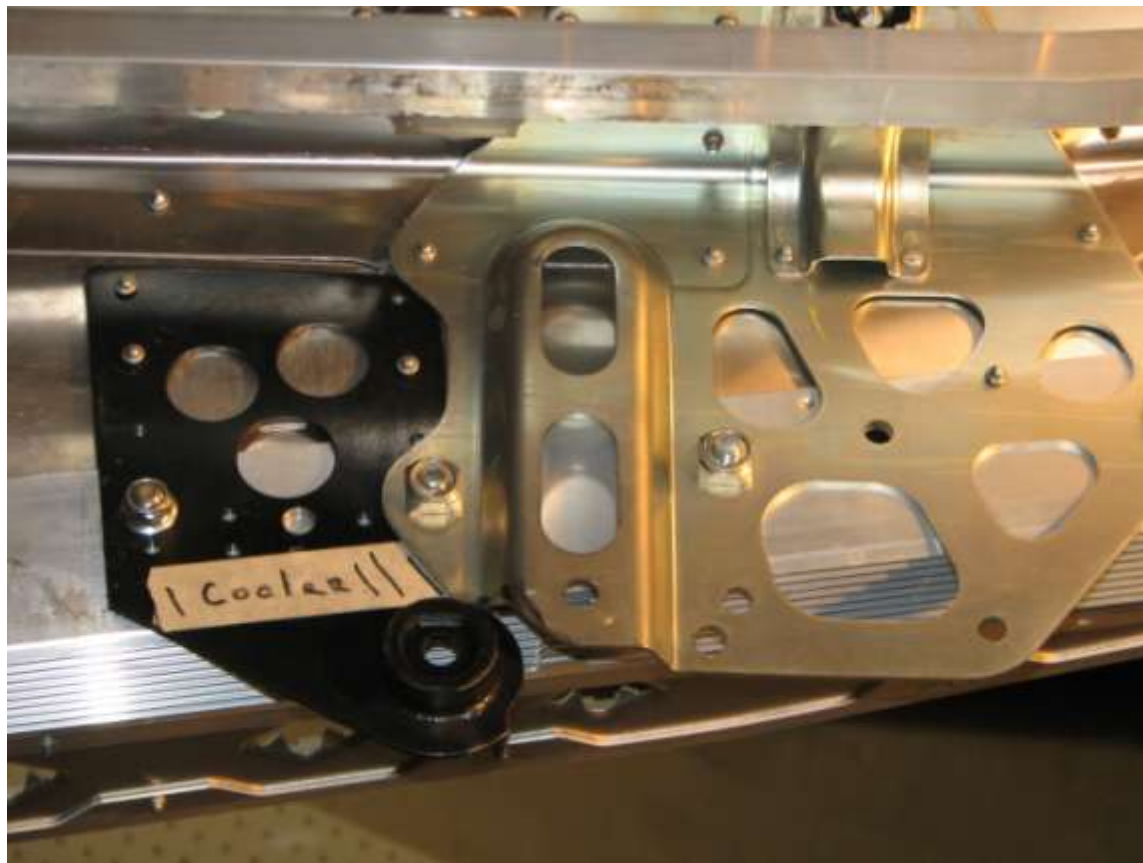


PHOTO #6



## REAR DROP BRACKET DIAGRAM

