



2006-07 YAMAHA ATTACK & RAGE, 2008-09 APEX 136" M-10 INSTALL INSTRUCTIONS

These instructions are for the Yamaha ATTACK & RAGE sleds. Please call our Tech Department with any questions you may have. [218] 744-2107.

1. Remove stock suspension.
2. At front of sled, on left hand side, locate the 10mm hole in the support plate on outside of tunnel (See Photo # 1). Drill this hole to 29/64" or 11.5mm. This will be the M-10 front arm location. This hole can be accessed through the vent at bottom of belly pan. See Photo #2.
3. In the hole drilled in Step #1, push a 7/16" bolt through from outside of tunnel. On the inside of tunnel, place one of the M-10 front support plates over the hole drilled in tunnel. Top of front M-10 plate is parallel to top of tunnel. Mark the four 3/16" holes in the four corners of the plate and drill through tunnel. Rivet into place. Drill front mount hole through small plate.
4. Perform the same steps/procedures for Right Hand side [RH] side of tunnel.
5. On the LH and the RH side of tunnel, locate and remove the **front** 10mm bolt in the rear factory outside support plate. Drill this hole out to 7/16". See photo #4
6. Using nuts and bolts provided attach shocks to M-10 arms and torque to 35lbs. Attach lower end of limiter strap in hole specified on M-10 set-up card.
7. Install shaft and spacers on front M-10 arm. Install shaft, wheels, and spacers on rear M-10 arm. (Be sure to check note on wheel). This is a good time to grease the [4] fittings with low temp grease.
8. The LH and RH rear M-10 plates will be attached to the rear M-10 arms with the 7/16" bolts provided. The notch in each plate faces forward. The machined surface faces inside on the Rear M-10 plates. The rear arm of M-10 will use the front lower hole drilled in the plates. With the bolts partially installed, but not tight, turn the suspension upside down. With the suspension upside down, lay the flat edge of both LH and RH stock plates against garage floor to keep them parallel. Hold down on plates to keep them parallel to floor and each other, torque each bolt to 35 lbs. [Be sure to use lock washers **only** on these bolts].
9. Place M-10 inside of track.
10. Install front M-10 arm into the holes drilled in step #2. Using the 7/16" Allen bolts, lock washers, and flat washers provided. Torque to 35 ft. lbs. The turned out upper edges of the stock front brackets need to ground flat for proper fitment of front M-10 shaft. **(BE SURE FUEL VALVE IS OFF).**

11. From inside of tunnel, grind the forward / front weld-nut off of factory support plate. **Make sure fuel is shut-off.** See Photo #5. Repeat on opposite side.

12. Lift up the rear of the M-10 and align the holes in the M-10 plates with the stock locating holes in the rear factory support plate. Install the longer (1.250") 7/16" bolt into the upper hole in rear M-10 support bracket. Install the shorter (.750") 7/16" bolt in the lower rear hole in M-10 rear support bracket [stock rear mount hole]. Torque all bolts to 35-40 ft. lbs. of torque. See Photo #5.

13. M-10 set-up. Refer to the M-10 owner's manual and ride set-up card to properly adjust the M-10 for rider weight and riding conditions.

COMPONENT LIST: Cross Shaft Front Torque Arm	[1]
Cross Shaft Rear Torque Arm	[1]
Spacer Front Shaft	[2]
Spacer Rear Shaft	[2]
M-10 Front Support Plate	[2]
M-10 Rear Support Plate	[2]
7/16" Lock Washer	[6]
7/16-14x 2" Screw	[2]
7/16"-20X Bolt	[2]
7/16"20X Bolt	[2]
M-10 Owners' Manual	[1]

PHOTO #1



PHOTO #2



PHOTO #3



PHOTO #4



PHOTO #5[PLATE SHOWN W/OUT REAR ARM ATTACHED, RH SIDE]

