

## 861A Hardware Placement

### Hardware List

#### 934AF

- 8) 1" Clamp
- 8) M8 X 20 Truss Head Torx

#### 861AR

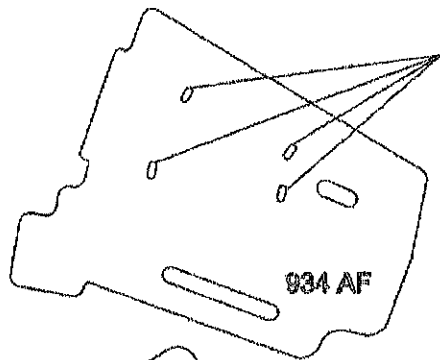
- 4) 1-1/4" Clamp
- 2) 7/8" Clamp
- 4) M8 X 20 Truss Head Torx
- 2) M8 X 30 Truss Head Torx

### Installation Tips

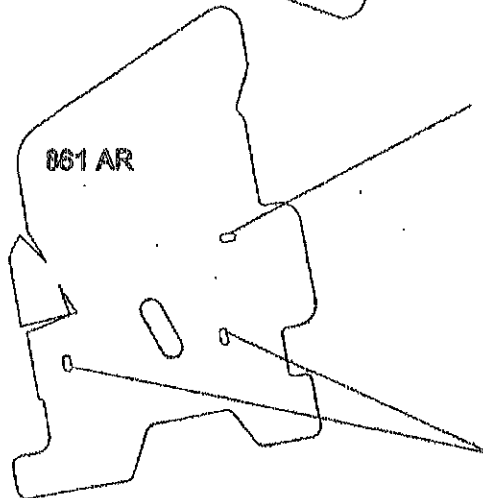
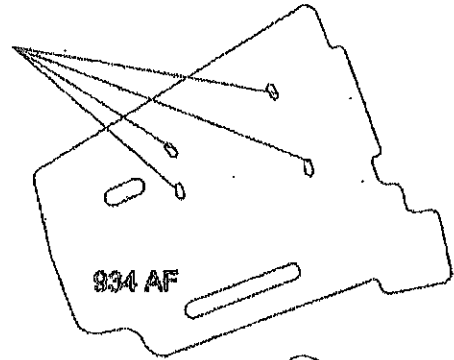
1) Remove any factory guards. Note, the hardware requires a T-40 Torx wrench, a socket drive is recommended.

2) The install is fairly straightforward they just clamp to the A-arm with the supplied clamps. Referring to the drawing below install all the clamps before tightening. On the fronts once all the clamps are in crank the steering hard over and adjust the guard so it is not contacting the brake caliper the tighten, repeat this for the other side. Also, it's best to do this with the suspension at full droop. Do this by putting a jack under the nose and lifting it until the front wheels just come off the ground.

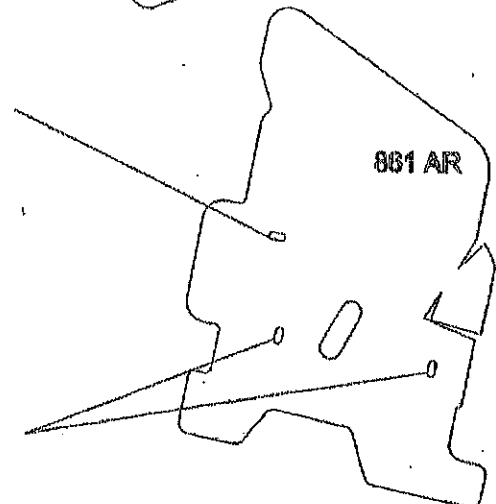
3) On the rears refer to the drawing and install in the clamps in the appropriate location. There are no clearance issues just adjust the guard for the best fit and tighten. Note, the clamp goes over the tube that is perpendicular to the slot in the guard.



1" Clamp  
M8x20 Torx Bolt



7/8 Clamp  
M8x30 Torx Bolt



1 1/4 Clamp  
M8x20 Torx Bolt

# Installation Instructions for Kawasaki Mule Pro FXT

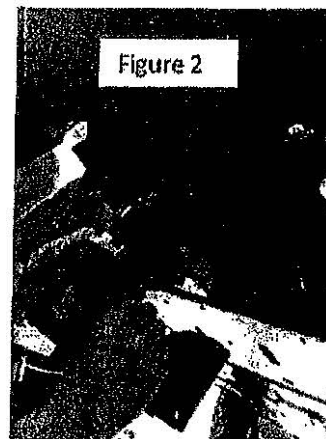
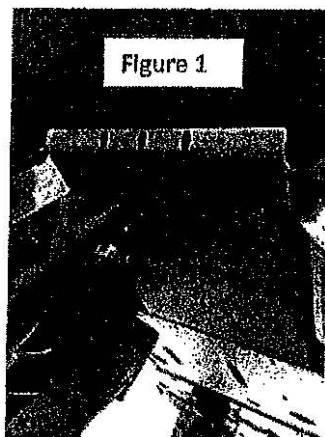
8661F

## Tools Needed:

A metric socket and flat wrench set, a T-40 Torx socket drive bit, 3/16" drill bit and a 1/2" drill bit if you are installing the UHMW overlay,

Getting the machine up a little really makes the install easier. Those car ramps that are around a foot high work well for this.

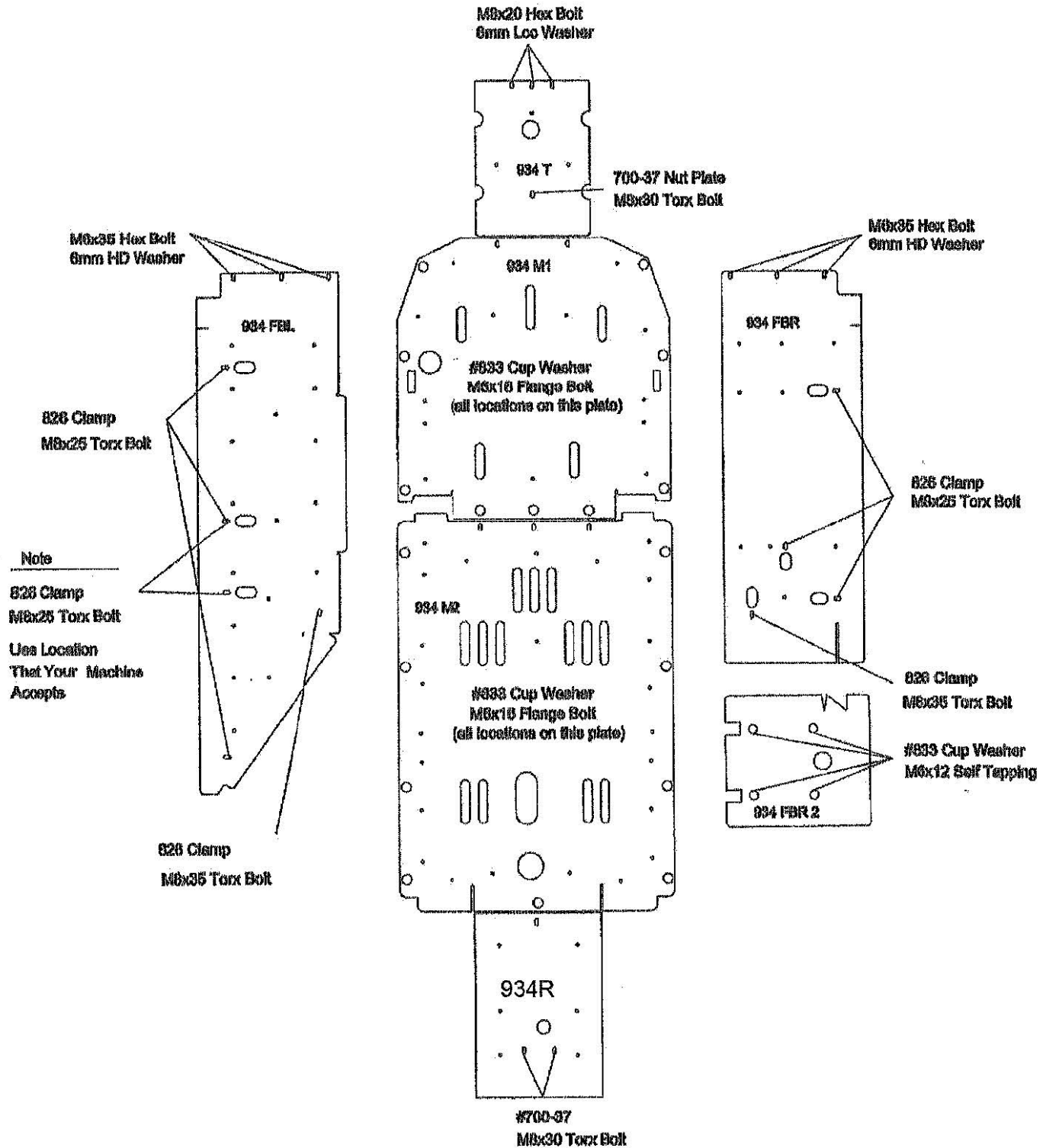
1. First start by removing all of the stock plastic skidplates and guards.
2. Since the plates overlap, start with the rearmost plate (934R). Refer to the Clamp & Hardware Guide and Hardware Packing List for the hardware needed and placement for each plate. This plate uses 2) of the 700-37 nut plate (the square plate with the nut welded on it) and the 8mm X 30mm buttonhead bolts. These nut plates have welded to them a class 'C' locknut which is an all metal locknut. This is where the anti-seize compound is needed to help ease the bolt through the locking portion of the nut and to facilitate removal later. Tighten these enough to hold the plate in place but loose enough to still allow the plate to move.
3. Next install the 934M2 plate. This plate uses the 6mm X 16mm flanged head bolts (the gold ones) and the cupped washers. Again leave all of the bolts on this and the rest of the plates loose until all of the plates are installed.
4. Next install the 934M1 plate with the 6mm flanged bolts and cupped washers.
5. Next install the 934T plate using a 700-37 nut plate and 3) 8mm X 20mm hex bolts with standard washers. With all of the plates installed you can now tighten all of the bolts on all of the plates. On this plate if you are going to be installing the UHMW overlay you will need to drill a hole in the steel plate covering the front diff for clearance for the top threaded insert. To do this, (fig. 1 and 2) center and hold the plate up against the machine and using the 3/16" drill, go directly through the insert and drill partly into the steel plate enough to provide a good locating pilot. Now use a 1/2" drill and go all the way through the steel plate. Now finish installing that plate.



Installation tip: If you are going to be installing the UHMW overlay, before tightening the mounting bolts on the aluminum plates go ahead and install all of the UHMW pieces and tighten all of the fasteners. Then tighten all of the mounts on the aluminum plates.

6. Now move on to the floorboard plates, start with the left side 934FBL. Install the 3) 6mm X 35mm hex bolts with the large washers up front. Then swing the plate up and install the very back 826 clamp. Note that these clamps have the locknut weld to them so use the anti-seize on those. Finishing installing the rest of the clamps. The two front most clamp locations have a slot where you put the clamp through the plate and over the frame. Again don't fully tighten anything until all the hardware is in place.
7. Now install the 934FBR using the same procedure as the other side.
8. Now install the plate covering the battery box 934FBR-2. Having a helping hand will make this easier. Have someone hold that plate in place and make sure the four mounting holes are nice and centered on the two corresponding square tubes. Now on two opposite locations take a cupped washer and hold it in place and with a marking pen trace out the hole. Using the 3/16" drill, drill through the wall of the tube, just the one side. The kit is supplied with 4) 6mm X 12mm flanged bolts (the silver ones) these are a thread forming bolt. Using a 10mm socket wrench, thread them into the drilled holes. Try to be as straight in as possible and you will need to push on them a fair amount to get them to start. Then bolt the plate into place with those two and then use the same procedure for the other two locations. Be careful not to put too much torque on these due to the thinness of the tube wall, just snug. Also some Loctite is recommended on those bolts.
9. The UHMW overlay all mounts with the 6mm X 16mm flanged bolts and cupped washers. There is no particular order in which they need to be installed, again don't fully tighten anything until all of the pieces are on. On the 934P1 plate you will note on the UHMW pieces diagram it's referring to a # 700-137 spacer in 2 locations. This is a common mount for the aluminum and UHMW plates. The spacer goes under the cupped washer in these two locations. This is also the case with the battery box plate and 934P6. On this plate replace the 6mm X 12mm bolts the 16mm length.

# Hardware Placement Guide



## Hardware List

### 934T

- 3) M8 X 20 Hex
- 1) M8 X 30 Truss Head Torx
- 3) 8mm Lock Washer
- 1) 700-37 Nut Plate

### 934M1

- 2) M6 X 20 Button Head Torx
- 10) M6 X 16 Flanged Hex
- 2) 6mm HD Flat Washer
- 10) 833 Cupped Washer

### 934M2

- 10) M6 X 16 Flanged Hex
- 10) 833 Cupped Washer

### 934R

- 3) M8 X 30 Truss Head Torx
- 3) 700-37 Nut Plate

### 934FBL

- 4) 826 Clamp
- 1) M8 X 35 Truss Head Torx
- 3) M8 X 25 Truss Head Torx
- 3) M6 X 35 Hex
- 3) 6mm HD Washer

### 934FBR

- 4) 826 Clamp
- 1) M8 X 35 Truss Head Torx
- 3) M8 X 25 Truss Head Torx
- 3) M6 X 35 Hex
- 3) 6mm HD Washer

### 934FBR 2

- 4) M6 X 12 Self Tapping Hex
- 4) 833 Cupped Washer

# UHMW Hardware Packing List

## 934 P 1

16) #833 Cupped Washers

14) M6x16 Flange Bolt

2) M6x20 Flange Bolt

## 934 P 2

23) #833 Cupped Washers

23) M6x16 Flange Bolt

## 934 P 3

19) #833 Cupped Washers

19) M6x16 Flange Bolt

## 934 P 4

18) #833 Cupped Washers

18) M6x16 Flange Bolt

## 934 P 5

9) #833 Cupped Washers

9) M6x16 Flange Bolt

## 934 P 6

4) M6x16 Flange Bolt

4) 700-137 Spacer

