

MINI TALON

TOOLS NEEDED

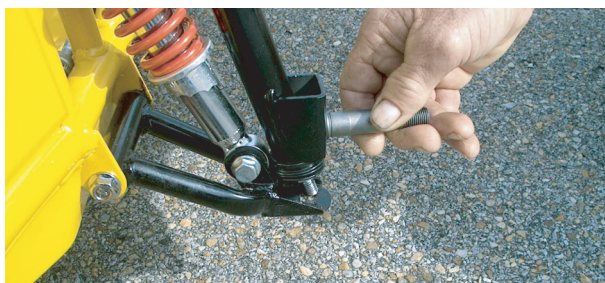
Tools Needed	13mm socket	24mm socket	
6mm allen wrench	14mm socket	needle nose pliers	
10mm wrench and socket	17mm socket	½" wrench and socket	

1 STEP ONE - LIFT KART

Place floor jack under front of kart and lift until there is enough clearance to mount the front tires.

2 ASSEMBLE FRONT SUSPENSION

- A Insert bottom stud of strut into square cutout of lower suspension arm.
- B Square of strut and suspension arm **MUST** be aligned.
- C Tighten lock nut securely with 14mm socket.
- D Do this on both sides.



3 ASSEMBLE STEERING LINKAGE

- A Attach tie rod end to strut by inserting ball joint stud into steering arm of strut.
- B On stud place lock nut and secure tightly with 13mm socket.
- C Do this on both sides.



4 FRONT WHEEL

- A Place wheel assembly over spindle bolt of strut.
- B Secure wheel in place by tightening the lock nut with a 17mm socket.
- C Do this on both sides.



5 LIFT REAR OF KART

Move floor jack to lift the rear of the kart until there is enough clearance to put on the rear tires.

6 REAR WHEEL

- A On driver side, place rear wheel with keyed hub over the keyed section of the axle. Secure with 24mm socket and lock with cotter pin and needle nose pliers.
- B On passenger side, place the rear wheel with a bearing hub over the section of the axle that is not keyed. Lock with 17mm socket.



7 BRUSH BAR

- A Place main bars in proper location by putting the open ends over the bar mounts located on the frame.
- B On each end insert short bolt with washer on one side and the threaded insert on the other and finger tighten.
- C Place each shoulder bar over the shoulder bar mounts on the frame. Line the holes of the bar up with that of the mounts and insert short bolt with washer on one side and threaded insert on the other and finger tighten.
- D Align the top of the shoulder bar up with the hole in the main bar and insert a long bolt and washer and finger tighten.
- E Place top cross-bar between the main bars with hoop pointing towards the front of the kart. Align holes of the top cross bar with holes in the main bars. Insert a long bolt and washer for each hole and finger tighten.
- F Place bottom cross bar between main bars toward the rear of the kart. Align holes of bottom cross bar with holes in main bars and insert long bolt and washer and finger tighten.
- G With all members of the brush bar in place secure tightly with 6mm allen wrench.



8 STEERING WHEEL

- A** Place steering wheel over steering wheel mount.
- B** Align mounting holes and tighten with 10mm socket.



9 MOUNT FLAG

Insert flag into stamped flag mount and tighten with a 1/2" wrench and socket.



10 WHEEL CAPS

Place wheel caps on each wheel as shown.

