

Document Number: 040-00061 <div>Form Instructions</div>	Rev	Description	Date	ECO#
	1	SERVICE MANUAL	2/13/2008	00239
Title	SERVICE MANUAL, BELLY PAN REPLACEMENT			
Operation Description	Sub Assembly			
Standards	Man Occup.	Machine Occup.	Cycle Time	Setup Time
Equipment List	Equipment	Manufacturer	Qty	
	1- Belly pan	T3 Motion	1	
	2- 5/32 inch Allen wrench	Any	1	
	3- LocTite #248 Thread lock	LocTite	1	
Reference Docs	Document #	Description	Document #	Description
Related Files				
RESP ENGR	Mark Jones			
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SERVICE MANUAL

Item#	Part #	Description	Qty
1	500-00025	Belly pan	1



Serious electrical shock can occur if precautions are not followed.



- **ALWAYS TURN OFF POWER BREAKER IN GLOVE BOX AND REMOVE POWER MODULES BEFORE PERFORMING ANY ELECTRICAL WORK.**



Power breaker in glove box



Power modules

- **ALSO SET THE PARKING BRAKE PRIOR TO ANY WORK.**



Parking brake

WORK INSTRUCTIONS:

- 1.0 Recommended tools for replacing the belly pan assembly.
See equipment table above for the details.

A power drill with a 5/16 Allen bit can be helpful, but is not required.



2- Assorted 5/16 Allen wrenches.

3- Loctite 248

- 2.0 Pad the area next to the T3 unit to protect the bodywork from any potential damage when you turn it on its side. A foam pad as shown works well, but several layers of blankets or other similar padding will work.



Foam pad.

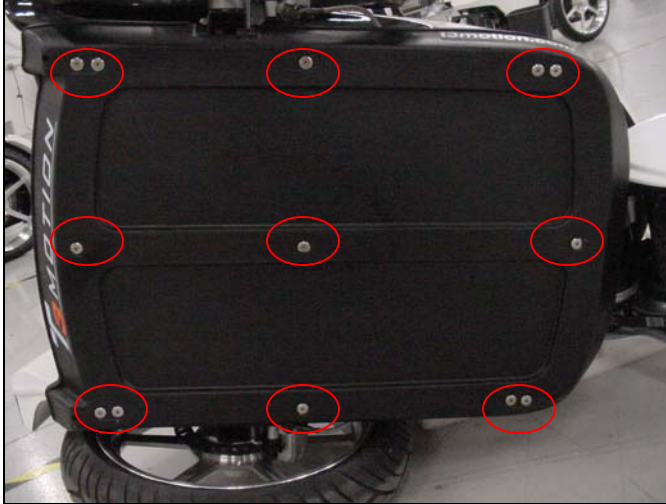
Make sure the padding is thick enough to keep the front fender off the ground.



Also protect handle bar end.

You may want to have a second person help lay the vehicle on its side. Set the brake and lean it over slowly. Remember, it weighs 260 pounds without the batteries.

3.0 There are thirteen 5/16 Allen head fasteners holding the belly pan on.



3.1 Use the Allen wrench of your choice to remove the thirteen fasteners.



3.2 Sometimes the washers stay attached to the belly pan; sometimes they come off with the fastener. If they stick to the pan, just pull them off by hand, or with a flat screwdriver if needed.



- 3.3 Remove the old belly pan.



- 3.4 The vehicle with no pan. Now is a good time for a quick visual inspection.



- 4.0 This is a new belly pan.



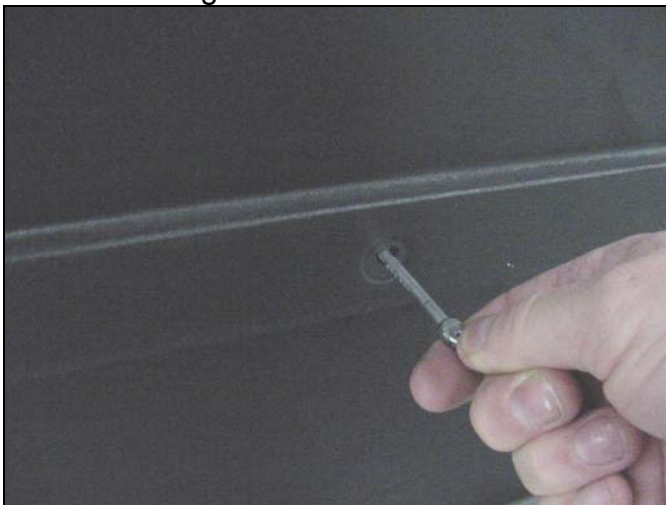
- 4.1 Apply the LocTite to the threads of all thirteen of the fasteners.



- 4.2 Hold the Belly pan up to the bottom of the T3 unit and start one of the fasteners. A wrench can be helpful for the first one.



- 4.3 It may be necessary to center the mounting clips with the holes. This can easily be accomplished by putting an Allen wrench through the holes and aligning the clips to the holes before inserting a fastener.



- 4.4 Hand thread all the fasteners into the belly pan. Do not tighten any of them until all are in place or it may be difficult to start some of them. Once all are in, use the wrench to tighten them down. Do not over tighten them.



- 5.0 Carefully lift the T3 unit back up on its wheels. Lifting it while the brake is set makes this more manageable. Again, a second person is helpful for this.

For addition information, contact T3 Motion at: (714)-619-3600.