



CUSTOMER ASSEMBLY INSTRUCTIONS

MODEL 7010

Warning: Read engine owner's manual, and any additional supplements carefully and view "Operations and Safety" video before operating this Vehicle.

- Assembly
- Operation
- Maintenance
- Warranty

**THIS VEHICLE IS FOR OFF-ROAD USE ONLY.
THIS VEHICLE IS NOT DESIGNED FOR USE ON RENTAL TRACKS OR RACING**

BEFORE OPERATING THIS VEHICLE, THE OWNER AND EACH OPERATOR MUST UNDERSTAND THIS VEHICLE WAS NOT DESIGNED OR MANUFACTURED TO MEET SPECIFICATIONS FOR USE ON PUBLIC ROADS, STREETS, HIGHWAYS AND THOROUGHFARES. THE OWNER AND EACH OPERATOR MUST READ AND UNDERSTAND ALL THE INSTRUCTIONS FOR PROPER ASSEMBLY AND SAFE OPERATION, AS WELL AS THE INSTRUCTIONS CONCERNING THE ENGINE AND ALL OTHER PORTIONS OF THE VEHICLE. CHILDREN MUST BE OF AGE 16 OR OLDER AND SUPERVISED BY AN ADULT AT ALL TIMES WHEN USING THE FUN KART.

MANCO POWERSPORTS – 4404 ENGLE RIDGE DR – FORT WAYNE, IN 46804
1-800-643-7332 – WWW.MANCOPOWERSPORTS.COM



Congratulations on the purchase of your new Manco Powersports fun kart. Before using this product, there are some necessary assembly steps that must be followed. Please carefully read and follow the instructions in this manual to ensure that your kart is properly set up for safe use.

Your kart has been shipped in a disposable wooden crate that has been designed to protect your fun kart. If damage has occurred during shipping, or parts are missing, please contact Manco Customer Service at 1-800-643-7332 or visit our website at www.mancopowersports.com.

⚠ WARNING: This fun kart has been supplied to you partially assembled. To prevent injury or death, read and follow the assembly instructions to ensure that the fun kart is assembled properly. Appropriate safety glasses, clothing, and equipment (including jack stands) must be used during the assembly of the kart to help prevent any personal injury

Tools required for assembly:

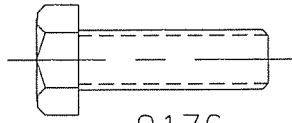
- 3/8 Ratchet
- 1/2 Socket
- 1/2 Wrench
- 7/32 Allen wrench or socket
- 9/16 Socket
- 9/16 Wrench
- 5/8 Socket
- 11/16 Wrench
- Pliers
- Claw Hammer and/or Crowbar

Parts Bag Contents:

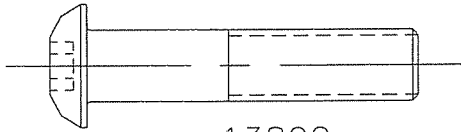
Your kart is supplied with the following contents and hardware illustrated on page 3 of this manual.

- Illustrated parts list (PN 13981R1)
- Assembly Instructions (PN 13989R1)
- Owner/Operator Manual (PN 13990R1)
- Robin Engine Operators Manual (PN 12426)
- Flag Installation Instruction (PN 9285R2)
- Safety Video (PN 14065)
- Spark Plug Wrench (PN 12425)

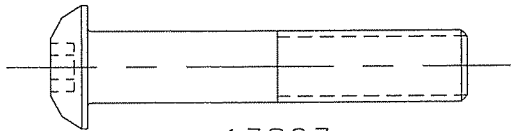
Hardware Contents



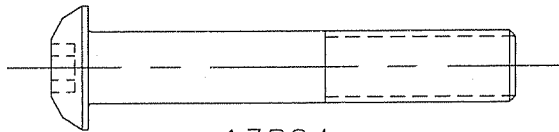
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QTY (4)



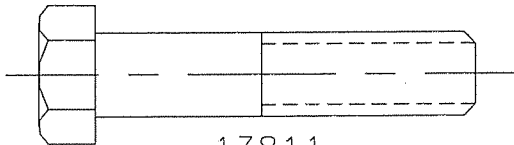
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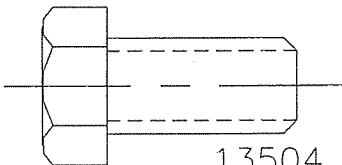
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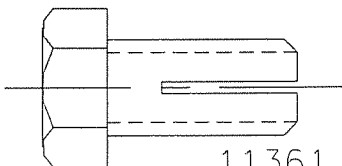
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QTY (9)



13811
QTY (2)



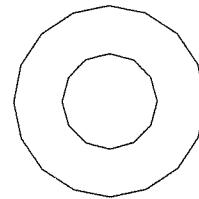
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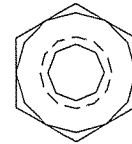
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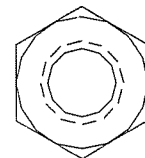
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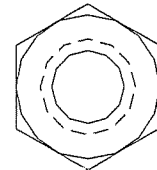
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QTY (3)



9085
QTY (24)



13812
QTY (2)



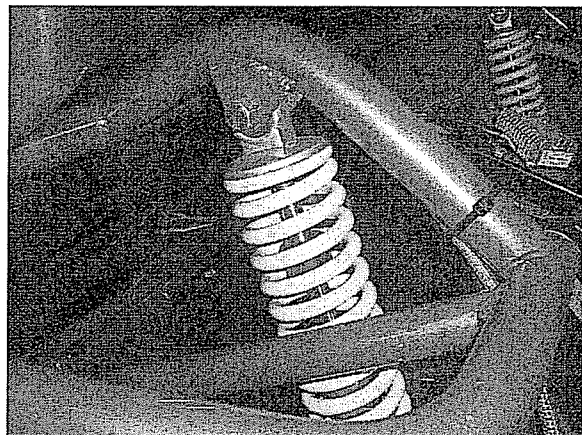
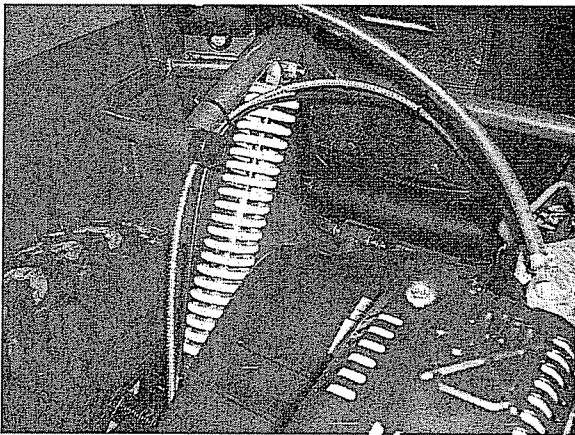
1012
QTY (3)

Step 1 – Uncrating the Unit

- 1- Using a claw hammer, remove side boards and discard
- 2- Using a claw hammer, knock each lower corner upright off of the base pallet
- 3- Using a claw hammer, knock the top of each center upright off of the upper pallet
- 4- Lift top pallet and attached ends off of the lower pallet and discard
- 5- Remove bag covering unit and discard
- 6- Cut the orange hold down straps and discard
- 7- Remove the following sub-components and set aside for later assembly
 - a. Rear Rack/Fuel tank Assembly
 - b. Overhead Bar Assembly
 - c. Center Bar Assembly
 - d. Front Bumper Assembly

Step 2 – Rear Swingarm Setup

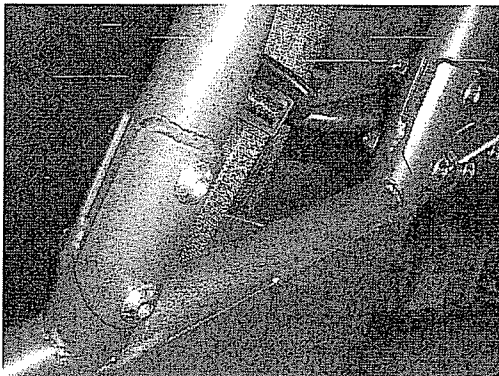
- 1- Place a jack under the rear floor frame of the kart and raise it up such that the rear swingarm pivots about the attachment points
- 2- Rotate each rear shock into the upper shock support on the main frame of the kart and install a 13811 bolt
- 3- Install and tighten a 13812 nut on each shock bolt
- 4- Lower the kart frame and remove the jack



Step 3 – Overhead Bar Installation

"B" Pillar Installation

- 1- Install "B" Pillar Assembly just behind the seats on the (4) location points and align holes
- 2- Install (8) 13804 bolts through the attachment holes with the bolt heads towards the outside of the kart
- 3- Install (8) 9085 lock nuts but DO NOT tighten at this time



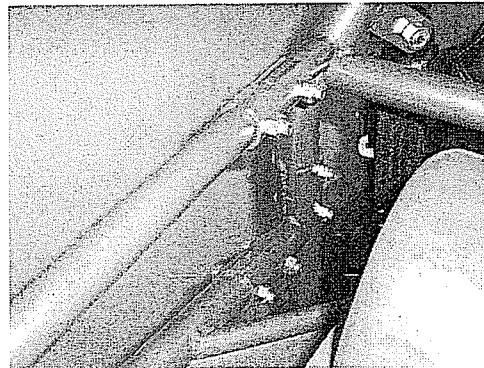
Front Bar Installation

- 4- Install Front Bar Assembly by first aligning the upper attachment points, then the lower attachment points near the "hood"
- 5- Install (8) 13803 bolts through the attachment holes with the bolt heads towards the outside of the kart
- 6- Install (1) 13804 bolt through the center grab handle attachment point
- 7- Install (9) 9085 lock nuts but DO NOT tighten at this time



Rear Rack Installation

- 8- Install Rear Rack Assembly to the (4) attachment points behind the "B" pillar
- 9- Align attachment holes and install (4) 13802 bolts in the top mounting holes and (4) 13803 bolts through the lower attachment holes with the bolt heads towards the outside of the kart
- 10- Install (8) 9085 lock nuts but DO NOT tighten at this time



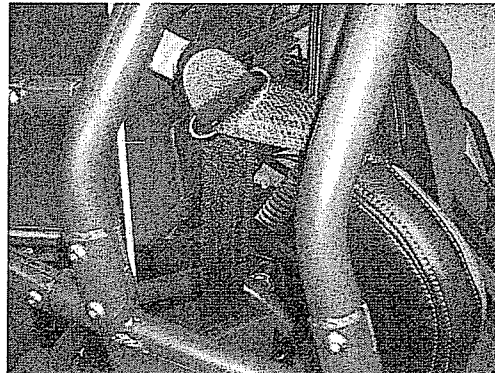
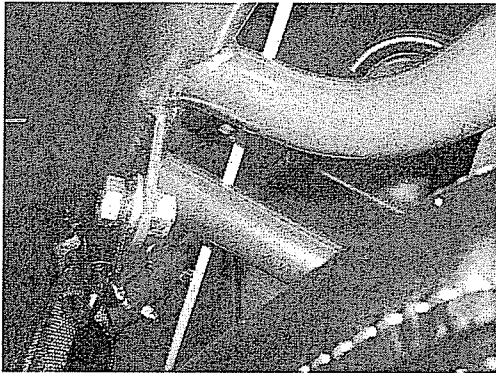
Securing the Overhead Bars

- 11- Using a 9/16 wrench and a 7/32 Allen wrench, tighten all the overhead bar connection bolts

Step 4 – Seat Belt Attachment

- 1- Unsnap the plastic cover from the shoulder attachment point bracket on the seat belt
- 2- Align the bracket on the front side of the attachment tab located on the "B" pillar assembly just above the shoulder of the seat
- 3- Place (1) 9022 washer between the seat belt bracket and the mounting tab to act as a spacer
- 4- Install (1) 13504 bolt through the stack up from the front side of the kart
- 5- Install (1) 1012 nut and tighten such that the bracket is secure, but still rotates freely on the mounting tab
- 6- Repeat steps 1 through 5 for the opposite side

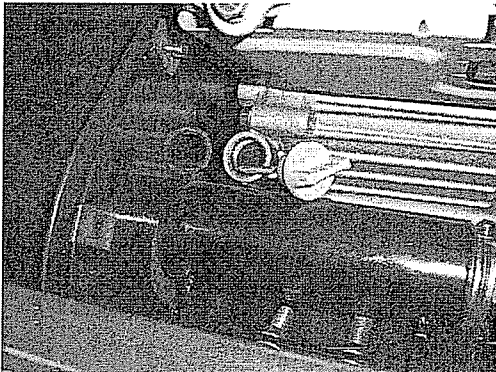
NOTE: In order to remove any “twist” that may be present in the seat belt from the retractor to the shoulder attachment, it may be necessary to fold the belt and flip the bracket over by sliding it past the fold



Step 5 – Engine Preparation

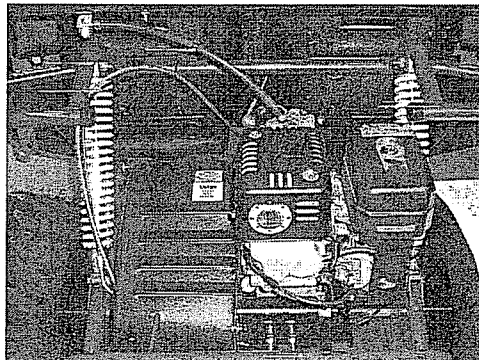
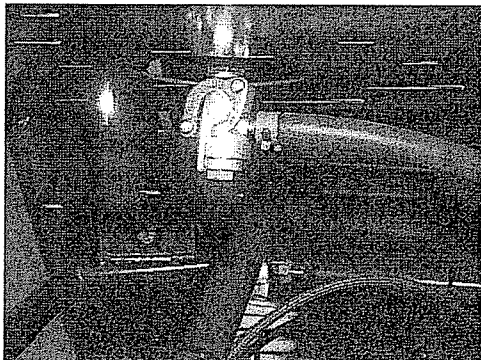
The engine on this unit has been shipped “pre-oiled” for your convenience. However, the oil level should be checked initially prior to use and subsequently per the recommended inspection schedule provided in the owners manual

- 1- Check engine oil level by removing the oil fill plug and checking the level on the dipstick



- 2- Connect the fuel line coming from the engine to the fuel shut off valve located under the fuel tank.
- 3- Using pliers, loosen the fuel line clamp and slide it towards the end of the connected fuel line and release
- 4- Fill the fuel tank with fresh, clean gasoline (87 octane or higher)
- 5- Turn on both fuel valves located on the engine and on the fuel tank

NOTE: The fuel tank shut off valve should be turned to the “OFF” position when the unit is not in use or is being transported to help prevent engine flooding



Step 6 – Battery Preparation and Installation

⚠ WARNING: Wear eye protection and prevent the battery acid from coming into contact with skin, eyes, and clothing. Contact with skin or eyes will result in severe burns and contact with clothing may decompose the material. If skin or eye contact is made, flush immediately with water and contact a doctor.

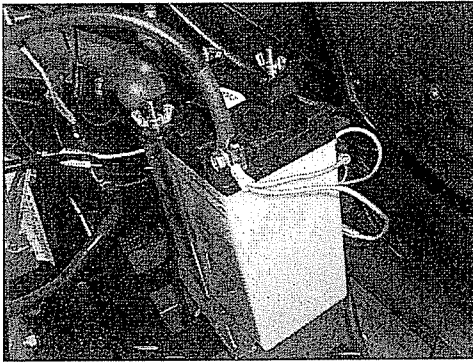
⚠ WARNING: The battery may generate explosive gases after filled with acid and during charging or use. Keep flammable materials away from the battery. Ventilate the battery when charging or using battery in an enclosed space, and ensure that the battery vent path is always open.

Battery Preparation

- 1- Remove the battery, acid and clamps from the battery box
- 2- Place the battery on a solid work surface and remove the rubber vent plug, safety sticker over the '+' terminal, and the plug tape over the battery cell openings
- 3- Fill each battery cell to the appropriate fill line with the supplied battery acid
- 4- Let the battery "stand" for 10 minutes and recheck the acid levels. Re-fill if necessary
- 5- Install the supplied battery cell plug strip and vent tube

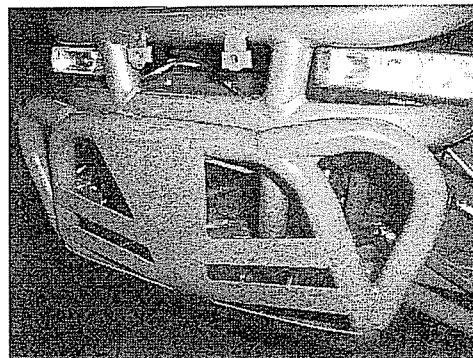
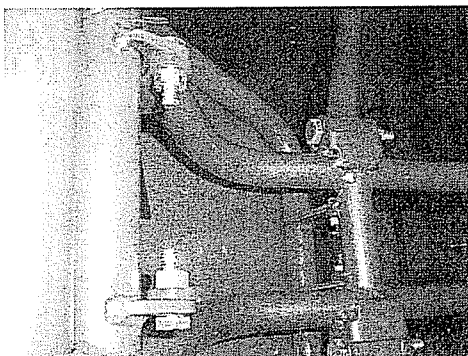
Battery Installation

- 6- Install the battery on the tray located just forward of the engine
- 7- Insert the hooked end of the supplied battery hold down rods through the battery tray
- 8- Install the supplied hold down bar and wing nuts
- 9- Tighten the wing nuts to secure the battery to the tray
- 10- Install the Red battery cable and the ring terminal with the 20 amp fuse to the '+' terminal of the battery using the supplied screw
- 11- Install the Black battery cable and the black ground wire with the ring terminal to the '-' terminal of the battery using the supplied screw



Step 7 – Front Bumper Installation

1. Unpack the front bumper assembly from the kart
2. Align the bumper with the (4) frame mount tabs on the front of the kart
3. Install (4) 9176 bolts and (4) 1189 hex nuts
4. Tighten all fasteners



Step 8 – Final Inspection Checklist

Use the following checklist to ensure that you have correctly assembled the components as outlined above

- ☐ Engine has appropriate Oil Level
- ☐ Engine fuel line is connected and securely clamped into place
- ☐ Seat Belt shoulder harness connections have been made and fasteners are tightened such that the shoulder bracket can swivel freely
- ☐ Seat Belts extend and retract freely and harness securely latches into place
- ☐ Overhead bars (B Pillar, Front Bar, and Rear Rack) have been installed with all fasteners in place
- ☐ Overhead bars fasteners have been tightened securely
- ☐ Safety flag has been installed and fastener tightened securely
- ☐ Battery has been installed and clamped securely to rear swingarm using provided hardware
- ☐ Battery connections have been made with appropriate wire routing to the '+' and '-' terminals

Please refer to, read and follow all instructions as outlined in the Owner/Operators manual prior to riding your fun kart. As well, read and follow the pre-ride inspection checklist as outlined in the Owner/Operators Manual.