

TOOLS NEEDED:	T25 TORX DRIVER	SANDPAPER 80-150 GRIT	GRIP GLUE (BBP# 4-136)	RUBBING ALCOHOL	3MM ALLEN WRENCH
	RAZOR KNIFE	WIRE TIES			

PLEASE READ THROUGH AND UNDERSTAND THESE INSTRUCTIONS BEFORE BEGINNING.

SECTION ONE – INSTALLING GRIPS

1. REMOVE THE SEAT AND DISCONNECT THE BOTH CABLES FROM THE BATTERY.
2. REMOVE EXISTING GRIPS BY LOOSENING THE TORX SCREWS THAT HOLD THE SWITCH HOUSING TOGETHER AND SLIDING OFF THE EXISTING GRIPS.
3. IF LEFT GRIP IS GLUED TO THE HANDLEBAR USE A RAZOR KNIFE AND CUT THE GRIP OFF OF THE HANDLEBAR.
4. CLEAN OFF ANY REMAINING GLUE AND RUBBER ON THE LEFT SIDE BY USING A STRIP OF 80 TO 150 GRIT SANDPAPER. ALSO LIGHTLY SAND THE INSIDE OF THE NEW LEFT GRIP TO ROUGH UP THE SURFACE.
5. TIGHTEN THE SWITCH HOUSING SCREWS ON THE LEFT SIDE ONLY.
6. STARTING WITH THE LEFT SIDE. TAKE THE GRIP WITH LARGE FLAT AREA NEXT TO THE CABLE AND SLIDE IT INTO PLACE. POSITION IT SO THAT THE CORD IS FACING STRAIGHT DOWN. PULL IN THE CLUTCH LEVER AND MAKE SURE THE LEVER CONTACTS THE GRIP IN THE FLAT AREA.
7. MARK THE LOCATION OF THE GRIP WITH TWO PIECES OF MASKING TAPE BY PLACING ONE OF THE PIECES ON THE NEW GRIP AND ONE ON THE HANDLEBARS SO THAT WHEN YOU SLIDE IT BACK ON YOU CAN STOP IN THE SAME POSITION.
8. SLIDE THE GRIP OFF AND CLEAN BOTH THE SURFACE OF THE HANDLEBAR AND THE INSIDE SURFACE OF THE GRIP WITH RUBBING ALCOHOL AND A SOFT RAG AND LET DRY.
9. SPREAD A THIN LAYER OF GLUE EVENLY ALL THE WAY AROUND THE HANDLEBAR APPROXIMATELY 2/3 OF THE LENGTH OF THE GRIP.
10. TAKE THE NEW GRIP AND IN ONE MOTION (WITHOUT STOPPING) SLIDE IT INTO THE POSITION THAT YOU MARKED IN STEP 7. SLIGHTLY ROTATING THE GRIP AS YOU SLIDE IT ON WILL HELP SPREAD THE GLUE. DO NOT STOP MOVING IT OR THE GLUE WILL SET AND YOU WILL NOT BE ABLE TO MOVE THE GRIP.
11. INSTALL THE THROTTLE SIDE GRIP IN THE REVERSE ORDER YOU REMOVED THE EXISTING GRIP. BEFORE SLIDING THE GRIP ON ALL THE WAY LINE UP THE PATTERN ON THE NEW GRIP WITH THE PATTERN ON THE LEFT GRIP YOU JUST INSTALLED.
12. TIGHTEN THE SCREW ON THE RIGHT SWITCH HOUSING. ROTATE THE THROTTLE TO MAKE SURE IT IS IN THE CORRECT POSITION AND WILL MOVE FREELY.
13. **ALLOW GLUE TO CURE FOR 24 HOURS BEFORE USING THE BIKE. ALLOW THE GLUE TO CURE FOR 48 HOURS BEFORE USING THE HEAT ON THE GRIPS.**

SECTION TWO – INSTALLING TEMPERATURE CONTROLLER

1. CONNECT THE FUSED WIRING HARNESS TO THE BATTERY OR TO A KEYED POWER SOURCE. CONNECT THE RED WIRE TO A POSITIVE SOURCE AND THE BLACK WIRE TO A GROUND.
2. PICK A POSITION TO MOUNT THE TEMPERATURE CONTROLLER. FIND A GOOD LOCATION AND ATTACH THE CLAMP TO THE HANDLEBARS. IF YOU ARE MOUNTING IT TO THE FAIRING OR OTHER FLAT SURFACE FIND A GOOD LOCATION TO MOUNT THE CONTROLLER THAT YOU CAN REACH WHILE RIDING.
3. CLEAN THE FAIRING AREA OR THE FACE OF THE HANDLEBAR MOUNT WITH RUBBING ALCOHOL AND LET DRY.
4. PEEL ONE SIDE OFF OF THE DOUBLE-SIDED PAD SUPPLIED WITH THE GRIPS AND ATTACH IT IN THE LOCATION YOU CLEANED.
5. ROUTE THE WIRES FROM THE WIRING HARNESS AND EACH GRIP TO A COMMON LOCATION AT THE FRONT OF THE BIKE. TRY TO FIND A LOCATION THAT THE CONNECTORS WILL BE PROTECTED FROM THE ELEMENTS. LEAVE ENOUGH WIRE LOOSE ON THE THROTTLE SIDE SO THAT IT CAN BE ROTATED AS MUCH AS NEEDED FOR FULL THROTTLE RANGE.
6. CLEAN THE BACK OF THE TEMPERATURE CONTROLLER WITH RUBBING ALCOHOL, LET DRY AND ATTACH IT TO THE OTHER SIDE OF THE DOUBLE-SIDED PAD.
7. ROUTE THE WIRES FROM THE CONTROLLER TO THE COMMON AREA FROM STEP 5 AND CONNECT THE GRIPS AND THE WIRING HARNESS TO THE CONTROLLER.
8. USE ZIP TIES (NOT INCLUDED) IF NEEDED TO HOLD THE WIRING IN PLACE. TURN HANDLEBAR AS FAR RIGHT AND LEFT AS POSSIBLE TO MAKE SURE WIRING HAS ENOUGH SLACK AND DOES NOT BECOME TIGHT OR PINCHED.
9. CONNECT THE BATTERY AND INSTALL THE SEAT.

SECTION THREE – OPERATING TEMPERATURE CONTROLLER

1. TO TURN TEMPERATURE CONTROLLER “ON” PRESS AND HOLD THE BUTTON DOWN FOR TWO SECONDS. ALL FIVE LIGHTS WILL COME ON. THE GRIPS WILL BE ON THE HIGHEST SETTING.
2. TO LOWER THE TEMPERATURE PRESS THE BUTTON ONE TIME FOR EACH LEVEL YOU WANT TO LOWER THE HEAT SETTING.
3. TO TURN THE GRIPS “OFF” PRESS THE BUTTON UNTIL ALL OF THE LIGHTS ARE OFF.
“BATTERY SAVER MODE”
4. THIS CONTROLLER COMES WITH THE BATTERY SAVER MODE TURNED OFF. THE BATTERY SAVER MODE WILL TURN THE GRIPS OFF IF THE INPUT VOLTAGE DROPS BELOW 12.5VOLTS DC.
5. TO TURN “ON” THE BATTERY SAVER MODE PRESS AND HOLD THE BUTTON FOR 8 SECONDS. THE LIGHTS WILL LIGHT UP ONE AT A TIME FROM LOW TO HIGH. ONCE THE LIGHTS ARE ON RELEASE THE BUTTON.
6. TO TURN THE BATTERY SAVER MODE “OFF” REPEAT STEP 5 AND THE LIGHT WILL NOW GO FROM HIGH TO LOW. ONCE ALL LIGHTS ARE OFF RELEASE BUTTON.
CAUTION: HEATED GRIPS CAN GET EXTREMELY HOT WHEN USED TO MAXIMUM TEMPERATURE. PLEASE USE CAUTION WHEN USING HEATED GRIPS.