

PLEASE READ THROUGH AND UNDERSTAND THESE INSTRUCTIONS BEFORE BEGINNING.**SECTION ONE – INSTALLING GRIPS**

1. IF YOUR BIKE HAS HANDLEBAR END WEIGHTS, REMOVE THE END WEIGHTS FROM BOTH SIDES AND SET ASIDE. IF INSTALLING CHROME COMFORT HEATED GRIPS, END WEIGHTS WILL NOT BE REUSED UNLESS USING PART NUMBER 17-380 FOR HONDA GOLDWINGS WITHOUT OEM HEATED GRIPS.
2. IF THE NEW GRIPS COME WITH A THROTTLE SLEEVE ALREADY INSTALLED IN THE RIGHT GRIP REMOVE THE RIGHT GRIP PER THE BIKES SERVICE MANUAL.
3. REMOVE EXISTING GRIPS BY MAKING A CUT WITH A RAZOR KNIFE LENGTHWISE STARTING FROM THE CENTER AND CUTTING OUT TO EACH END. BE CAREFUL NOT TO CUT THROUGH THE PLASTIC THROTTLE SLEEVE ON THE THROTTLE SIDE.
4. PEEL THE OLD GRIPS OFF THE HANDLEBAR ON THE CLUTCH SIDE AND OFF THE THROTTLE SLEEVE ON THE THROTTLE SIDE. YOU MAY NEED TO USE THE RAZOR KNIFE TO HELP SEPARATE THE PIECES.
5. CLEAN OFF ANY REMAINING GLUE AND RUBBER FROM BOTH SIDES USING A STRIP OF 80 TO 150 GRIT SANDPAPER. DO NOT OVER SAND THROTTLE SIDE. IF YOU HAVE RIBS ON YOUR THROTTLE SLEEVE, SAND BETWEEN RIBS TO ROUGH UP THE SURFACE. ALSO LIGHTLY SAND THE INSIDE OF THE NEW GRIPS TO ROUGH UP THE SURFACE.
6. IF REMOVING OEM GRIPS WITH A PLASTIC CHROME END CAP YOU WILL NEED TO UNSCREW OR BREAK OFF THE END CAP. YOU WILL ALSO NEED TO CUT OFF THE END OF THE THROTTLE SLEEVE SO THAT THE END OF IT IS OPEN.
7. IF YOU ARE INSTALLING RUBBER HEATED GRIPS AND HAVE REMOVED HANDLEBAR END WEIGHTS IN STEP 1, YOU WILL NEED TO CUT OUT THE CENTER PIECE OF RUBBER ON THE ENDS OF BOTH GRIPS. USING A RAZOR KNIFE CUT ALONG THE OUTSIDE EDGE OF THE RECESSED RING ON THE END OF EACH GRIP AND REMOVE THE CENTER.
8. STARTING WITH THE CLUTCH SIDE. TAKE THE GRIP WITH THE SMALLER INSIDE DIAMETER AND SLIDE IT INTO PLACE. POSITION IT SO THAT THE WIRE IS FACING FORWARD AND DOWN. IF YOU HAVE AN END WEIGHT HOLD IT IN POSITION TO MAKE SURE IT WILL FIT BACK INTO PLACE WITHOUT INTERFERENCE.
9. 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.
10. 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.
11. SPREAD A THIN LAYER OF GLUE EVENLY ALL THE WAY AROUND THE HANDLEBAR APPROXIMATELY 2/3 OF THE OUTER LENGTH OF THE GRIP.
12. TAKE THE NEW GRIP AND IN ONE MOTION (WITHOUT STOPPING) SLIDE IT INTO THE POSITION THAT YOU MARKED IN STEP 9. 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.
13. IF YOUR NEW RIGHT GRIP HAS A THROTTLE ALREADY INSTALLED IN IT, INSTALL THE NEW GRIP IN REVERSE ORDER YOU REMOVED IT. CHECK TO MAKE SURE THE THROTTLE WILL ROTATE FREELY BEFORE PROCEEDING.
14. INSTALL THE THROTTLE SIDE GRIP USING STEPS 9-12 EXCEPT APPLY THE GLUE TO THE THROTTLE SLEEVE. BE CAREFUL NOT TO GET GLUE BETWEEN THE THROTTLE SLEEVE AND THE HANDLEBAR. IF YOU HAVE RIBS ON YOUR THROTTLE SLEEVE YOU WILL NOT BE ABLE TO ROTATE IT AS YOU SLIDE IT. REMOVE ANY EXCESS GLUE QUICKLY.
15. **ALLOW GLUE TO CURE FOR 24 HOURS BEFORE USING. ALLOW THE GLUE TO CURE FOR 48 HOURS BEFORE USING THE HEAT ON THE GRIPS.**

NOTE: ON ATV AND SNOWMOBILE INSTALLATIONS REPEAT CLUTCH SIDE INSTRUCTIONS FOR BOTH SIDES.**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. IF YOU HAVE A HANDLEBAR MOUNT, FIND A GOOD LOCATION AND ATTACH THE CLAMP TO THE HANDLEBARS. IF YOU ARE MOUNTING IT TO THE FAIRING FIND A 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 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.

NOTE: ON THE 2001-2005 HONDA GL1800 THE WIRE HARNESS IS NOT NEEDED. A CONNECTOR UNDER THE RIGHT SIDE PANEL ON THE OEM WIRE HARNESS WILL PLUG DIRECTLY INTO THE CONTROLLER.**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 12.5VDC.
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 ALL 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.