



AUTOKOOOL BY AUTOPORT, INC.

AutoKool GM Console Cooler Installation Manual

Tools required: Small flathead screwdriver, tape measure, 2 electrical butt end connectors, electrical tape, 62mm hole saw, impact gun or ratchet, 6 point 16mm socket, 6 point 11mm socket, 70mm hole saw, flashlight, door clip remover, pliers, crimpers, marker and #2 Phillips screwdriver

Step 1: Remove driver and passenger front seat bolts.

Step 2: Disconnect wiring harnesses to front seats.

Step 3: Remove seats from vehicle.

Step 4: Unclip center insert from console.

Step 5: Remove insert from console.

Step 6: Disconnect all wiring harness connectors inside console.

Step 7: Separate harness retainer clips from console.

Step 8: Remove console from vehicle and place on workbench.

Step 9: Unclip rear entertainment insert from console.

Step 10: Disconnect power point from rear console.

Step 11: Remove locking clip, disconnect wire harnesses and remove insert from console.

Step 12: Remove screws from top rear of console.

Step 13: Remove screws from rear cup holder cutout.

Step 14: Remove screws from cup holder hinge.

Step 15: Open console lid and remove screws located next to the lid hinges.

Step 16: Remove rear console cover.

Step 17: Disconnect power point from console bucket.

Step 18: Completely remove power point housing from bucket and discard.

Step 19: Remove screws from top of console cover.

Step 20: Remove screws from lower sides of console cover – 2 each side

Step 21: Unclip left and right front sections of console cover.

Step 22: Remove left and right sections of console cover.

Step 23: Remove screws from left and right lower front of console cover.

Step 24: Remove screws from top front of console cover.

Step 25: Remove console cover from housing.

Step 26: Using template #1, mark and drill 62mm vent hole in left rear of cover.

Step 27: Using template #2, mark and drill 62mm vent hole in left front of cover.

Step 28: Install forward and rear vents on driver's side.

Step 29: Using template #3, mark and drill 62mm forward vent hole in right side.

Step 30: Install vent into right front console cover.

Step 31: Remove screws from bottom half of console bucket – 2 each side

Step 32: Remove screw from center side of console bucket – 1 each side

Step 33: Disconnect wire connections from rear of console bucket.

Step 34: Make sure all harness retainer clips are removed from console housing.

Step 35: Remove top half of console.

Step 36: Using template #4, mark and drill 70mm exhaust hole in left rear of bucket.

Step 37: Using template #5, mark holes in left rear.

Step 38: Drill 25mm exhaust holes and 13mm wire hole in rear.

Step 39: Use template #6 and mark back fin.

Step 40: Cut and remove back fin.

Step 41: Using template #7, mark and drill 4mm corner holes and 70mm center hole on right front of console bucket.

Step 42: Install cooling fan to outside of console bucket. Note: Fan must be blowing air into console, arrow on side of fan housing points into console.

Step 43: Using template #8, mark and drill 6mm hole on left forward side of console bucket for fan wire.

Step 44: Route external fan wire into 6mm hole.

Step 45: Place cooler assembly into bucket.

Step 46: Cut wire tie on console cooler harness.

Step 47: On cooler unit, locate, separate and cut black and red wire going from circuit board to cooler fan.

Step 48: Match red to red and black to black wires and crimp together with connectors.

Step 49: Be sure Autokool switch harness is seated correctly in channel and connector rests inside cooler.

Step 50: Correctly seat the top half of the console housing on the bottom half.

Step 51: Reinstall bucket side screws – 1 each side

Step 52: Reinstall bucket bottom screws – 2 each side

Step 53: Resecure all harness retainer clips to housing.

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Step 55: Install butt end connector on both Autokool power supply wires protruding through vacant rear power point hole (1. Black wire 2. Red wire with white tracer)

Step 56: Locate solid black and red with white tracer wiring for the deleted console power point and cut factory connector off wiring.

Step 57: Connect old power point power supply wires to Autokool power supply wiring (Black to black and red with white tracer to red with white tracer)

Step 58: Wrap new wire connections with electrical tape.

Step 59: Fit console cover back over console housing.

Step 60: Reinstall console cover screws on each side of console lid hinge.

Step 61: Reinstall console cover screws to top insert area.

Step 62: Reinstall console cover screws to console sides – 2 each side

Step 63: Reinstall console cover screws to front of console – 4 total

Step 64: Reclip left and right front sections onto console cover.

Step 65: Reinstall console cover screws into rear cup holder cutout.

Step 66: Reinstall console cover screws into top rear entertainment insert area.

Step 67: Reconnect power point connector and wiring connections to rear entertainment insert panel.

Step 68: Reinstall cup holder hinge screws.

Step 69: Connect Autokool switch wiring into top trim bezel connector.

Step 70: Insert Autokool trim bezel into top of cooler.

Step 71: Install rear bezel screws.

Step 72: Place console into vehicle and connect all wiring and harness retainer clips.

Step 73: Place front seats into vehicle, connect seat wiring harnesses, reinstall seat bolts and bolt covers. Test unit operation.

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