Toybox 1.0 Installation Instructions[i]

1. Pick out a location to mount the Toybox 1.0. We have provided enough cable with the Toybox 1.0 so that just about any location accessible to the driver should work. Since the Toybox 1.0 cable is not removable from the Toybox 1.0, the cable will be routed from the mounting location, through the vehicle interior, to the engine compartment and finally to the PCM.
2. Remove the hood weather seal, both wiper arms, and both sides of the lower windshield panel.
3. Wrap the leads at the end of the Toybox 1.0 cable with masking tape. This will protect the wires and facilitate routing through the vehicle.
4. If you are mounting in the same location as the Mopar Toys, route the cable through the accessory switch bezel location and out back of the center instrument cluster.
5. Route the cable over the knee bolster and secure it with tie straps. Be sure not to interfere with the steering mechanism or any other moving parts.
6. Partially remove the large black rubber wire boot located under the dash in the left side front foot well (Fig. 2). The wire boot is mounted in a hole through the body higher and forward of the hood release lever.
7. Remove the black rubber body plug located in the upper left side door jam slightly above the upper door hinge. (Fig. 3)
8. Punch a hole in the center of the body plug large enough to allow the Toybox 1.0 cable to pass through (about 1/4").
9. Insert the cable into the interior body hole in the foot well and gently route the cable through the door jam and out the exterior body hole. (Fig. 3)
10. Route the cable above the upper door hinge, through the left side fender and out through the lower windshield basin. (Fig. 1)
11. Route the wire cable across the far left side of the lower windshield basin just inboard of the driver's side hood hinge as shown in Figure 1. Be sure to route wire cable away from the windshield wiper mechanism.
12. Reinstall the lower windshield panel and the windshield wiper arm.

Fig. 1 Cable Routing Through Lower Windshield Basin

Fig. 2 Black Rubber Wire Boot in Foot Well

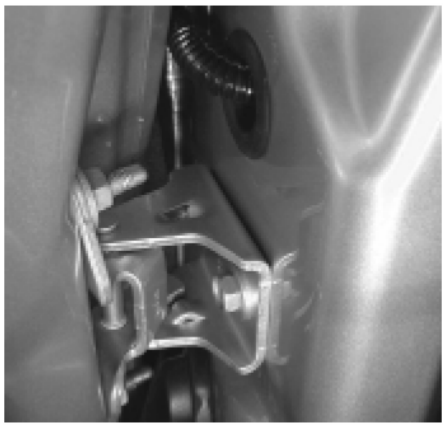

Fig. 3 Cable Routing Through Door Jam Body Hole

13. Reinstall the hood weather seal.
14. Route the wire cable around the shock tower. Use tie straps to attach the cable to the vehicle harness in that area.
15. Route the cable between the strut tower and the Power Distribution Center (PDC). Route the cable between the fender and the left side (vehicle left) of the PDC.
16. Remove the air box assembly.
17. Route the Toybox 1.0 cable down to the PCM. Use tie straps to attach the cable to the vehicle harness in that area.

PCM CONNECTOR A TERMINATION

18. Unplug all three PCM connectors.
19. Locate PCM connector A. It is the BLACK connector that is plugged into the bottom PCM connector slot.
20. Remove the black plastic cover off the back side of the connector.
21. Connect the Toybox 1.0 WHITE wire as follows:
    a. Locate the WHITE wire lead in the Toybox 1.0 cable and strip ½" of insulation from the wire.
    b. Locate the PURPLE/WHITE wire in cavity A27 of PCM connector A.
    c. Strip a small portion of the insulation from the PURPLE/WHITE wire in A27. Do not break the wire.
    d. Twist the WHITE Toybox 1.0 wire around the PURPLE/WHITE wire in A27, solder, and wrap with electrical tape.
22. Connect the Toybox 1.0 RED wire as follows:
    a. Locate the RED wire lead in the Toybox 1.0 cable and strip ½" of insulation from the wire.
    b. Locate the BLUE/RED wire in cavity A11 of PCM connector A.
    c. Strip a small portion of the insulation from the BLUE/RED wire in A11. Do not break the wire.
    d. Twist the RED Toybox 1.0 wire around the BLUE/RED wire in A11, solder, and wrap with electrical tape.
23. Connect the Toybox 1.0 BLACK wire as follows:
    a. Locate the BLACK wire lead in the Toybox 1.0 cable and strip ½" of insulation from the wire.
    b. Locate the BLACK/WHITE wire in cavity A9 of PCM connector A.
    c. Strip a small portion of the insulation from the BLACK/WHITE wire in A9. Do not break the wire.
    d. Twist the BLACK Toybox 1.0 wire around the BLACK/WHITE wire in A9, solder, and wrap with electrical tape.
24. Reinstall the black plastic cover on the back side of the connector. Use electrical tape to protect the new wires added to the connector.

PCM CONNECTOR B TERMINATION

25. Locate PCM connector B. It is the ORANGE connector that is plugged into the second from the bottom PCM connector slot.
26. Remove the black plastic cover off the back side of the connector.
27. Locate cavity B22.

28. Drill through the connector cavity with a 3/32” drill bit by hand. Do not use an electric drill. It is critical to not pierce any other wire or connector terminal.

IMPORTANT NOTES:

- Drill from the back of the connector just through the black plastic, no further.
- Push a straight piece of small diameter wire through the hole from the back, pushing the stem filler out the front of the connector.
- The connector lever must be in the unlocked position during the procedure.

29. Locate the BROWN Toybox 1.0 wire with terminal end.
30. Insert the terminal end into the connector slot as described below.

Connector Slot	Wire Color
B22	Brown

31. Reinstall the black plastic cover on the back side of the connector. Use electrical tape to protect the new wires added to the connector.

PCM CONNECTOR C TERMINATION

32. Locate PCM connector C. It is the WHITE connector that is plugged into the third from the bottom PCM connector slot.
33. Remove the black plastic cover off the back side of the connector.
34. Locate cavities C2 and C14.
35. Drill through the connector cavities with a 3/32” drill bit by hand. Do not use an electric drill. It is critical to not pierce any other wire or connector terminal.
36. Locate the GREEN and BLUE Toybox 1.0 wires with terminal ends.
37. Insert the terminal ends into the connector slots as described below.

Connector Slot	Wire Color
C2	Blue
C14	Green

38. Reinstall the black plastic cover on the back side of the connector. Use electrical tape to protect the new wires added to the connector.
39. Connect the three PCM connectors to the PCM. Connector A in the lowest position, connector B second from bottom and connector C third from bottom. The connectors are keyed and will only mate into the proper position.
40. Reinstall the air box assembly and turbo inlet (clean air) hose. Ensure all clamps, lines, and fittings are properly installed.

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[i] Figures and some text sourced from Mopar Turbo Toys Kit Information Sheet
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