

FACTORY SERVICE BULLETINS

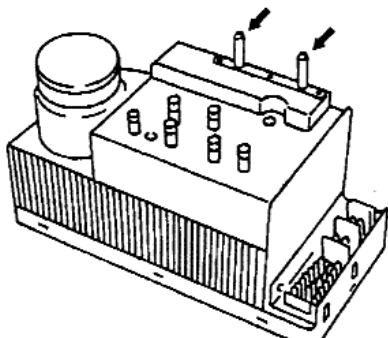
Fits-All Pneumatic Control Model 140

After August 1994 there is only one pneumatic system control module, with an improved type of pneumatic connectors and distribution manifolds. The new module can retrofit to earlier vehicles, as usual with such improvements.

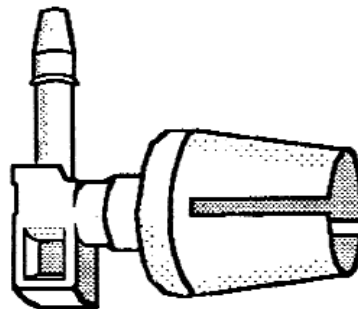
Here's how to replace the module: Remove the rear seat cushion to expose it, and disconnect all the pneumatic lines from the multiple connector using a 7-mm (1/4-inch) open-end wrench. Snip off the old plastic connector from each line.

You'll notice a lot of pneumatic lines, fortunately color-coded. The six yellow ones are for the central locking system; the two red ones are for backup assist; the one black line is for the retractable trunk lid grip; and the one clear (often faded to white) one is for manifold vacuum assist. Depending on the options built onto the car, there may also be three grey lines for the orthopedic seat backrest, and/or two white lines for the retractable rear head restraints.

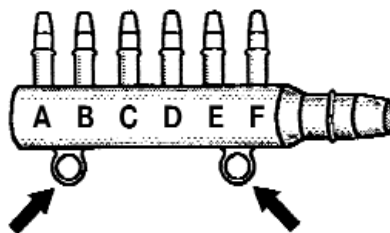
First remove the old and install the new PSE control module.



Then connect about 12 inches of pneumatic tubing to one of the sockets.

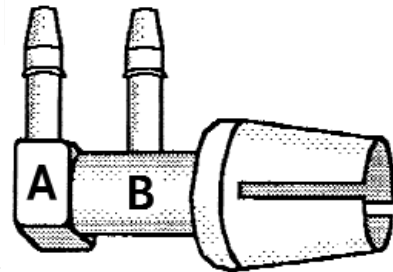


Attach the other end of the pneumatic line you just installed to the large end connector on a six-way manifold. Connect the six yellow central locking pneumatic tubes to the connections A to F on the six-way pneumatic manifold. Attach the socket and pneumatic line from the previous step to the connection on the PSE control module marked ZV.



Then slide the six-way pneumatic manifold over the two plastic split pins on the control module. Arrows indicate them on the line drawing above. Next connect the two red BA pneumatic lines to connections A and B on a two-way manifold. Attach the two way manifold to the connection on the pneumatic control module marked

RH.



Connect the black RTG pneumatic tube to a single socket and attach the socket to the pneumatic control module at connection P- or Pu.

If the vehicle does not have pneumatic rear headrests, put a rubber cap over the FKS connection on the pneumatic control module. If it does, connect the two white pneumatic lines to connections A and B on a two-way manifold and attach that to the FKS connection on the control module.

If the vehicle does not have OSB, put a cap over the connection marked Pu or P+ on the control module. If it does, connect a 12-inch section of pneumatic tubing to a socket and attach the other end of the tube to the large end connector on the six-way manifold as shown above. Connect the three grey OSB pneumatic lines to connections A to C on the six-way manifold and put rubber caps over connections D to F. Attach the socket and the pneumatic tube to connection Pu or P+ on the pneumatic control module.

Fasten the six-way manifold in place by sliding the two rings of the distributor over the plastic split pins on the control module.