

CONNECTOR FOR HEATER

ABSTRACT OF THE DISCLOSURE

A connector for incorporation into a heater system for inlet struts includes a body having a tapered forward end and an opposite rear end. A plurality of forward electrical terminals are formed on the outer surface of the tapered end. A plurality
5 of rearward electrical terminals are formed on the rear end of the body. The rearward electrical terminals are in electrical connection with the forward electrical terminals. The forward electrical terminals on the tapered end are in electrical contact with a plurality of electrical contacts connected to heating elements formed in a heating mat. The heating mat entirely envelops the connector. The heater mat
10 is formed within a substantially rigid outer shell.

Figure 1