

Component Procedures: Heat Shield

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EXHAUST

HEAT SHIELD

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Exhaust heat shields are needed to protect both the vehicle and the environment from the high temperatures developed by the catalytic converter

. The catalytic converter releases additional heat into the exhaust system

. Under severe operating conditions, the temperature increases in the area of the converter. Such conditions can exist when the engine misfires or otherwise does not operate at peak efficiency.

DO NOT remove

spark plug wire

s from plugs or by any other means short out cylinders. Failure of the catalytic converter can occur due to a temperature increase caused by unburned fuel passing through the converter.

DO NOT allow the engine to operate at fast idle for extended periods (over 5 minutes). This condition may result in excessive temperatures in the exhaust system and on the floor pan.