

Vehicle Standards Instruction (Light Vehicle 16.1)

Replacement of Hydragas Suspension System on MG F Model Vehicles with Coil Spring Conversion

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The Department of Transport and Main Roads (TMR) is aware of issues with the suspension of MG F model vehicles. When manufactured, these vehicles were fitted with Hydragas suspension system which uses a closed gas over oil system in pressurised canisters as a suspension spring, damper unit. With age though, the Hydragas canisters are failing and replacement canisters are no longer manufactured.

To ensure these vehicles can continue operating, a coil spring replacement suspension system has been developed. The replacement suspension system mounts onto the vehicle using the standard mounting points with minor modifications that should not affect the safety of the vehicle. The only known coil spring replacement kit that TMR is aware of when this Vehicle Standards Instruction was issued is manufactured by RV8 Cars Australia Pty Ltd.

Fitting of this replacement system to an MG F model vehicle is not considered to be a modification, provided that:

- The replacement coil spring suspension system is fitted in accordance with the manufacturer's fitting instruction supplied with the conversion kit.
- All redundant components (pipes, etc) not used with the coil spring conversion kit should be removed.
- The vehicle is safe to use on a road.

Should the vehicle not meet the above requirement, it may be considered defective and cannot be driven on roads.

Further Information

Vehicle Operators seeking technical advice on vehicle modifications should contact an Approved Person for advice. For contact details of Approved Persons in your area, please contact the Department of Transport and Main Roads on 13 23 80. Should an Approved Person require further assistance, they should contact Vehicle Standards and Modification Advice.