



No. 16 TS-25
December 22, 2016

TO: Service Locations

FROM: Service Systems Development

SUBJECT: **Single-Speed Fan Operation on M2, 108SD and 114SD Chassis**

ISSUE

DDC has received complaints relating to engine fan operation when A/C is turned ON in M2, 108SD and 114SD vehicles equipped with Detroit engines and single-speed fans.

REQUIRED ACTION

When a complaint is received of improper fan operation in M2, 108SD or 114SD chassis equipped with a single-speed fan, use the following charts to ensure the CPC and MCM parameters are configured correctly.

NOTE: It is normal for the fan to operate at idle when the truck is stopped with the parking brake applied and the chassis A/C system activated. This is intended to reduce fan cycling while the driver is sleeping in the bunk during warm weather.

GHG14, GHG17 CPC

CPC Group	Parameter	Value
PGR001	CM1 Fan Source Addr1 SAE J1939	49
PGR001	CM1 Fan Source Addr2 SAE J1939	33
PGR006	Mode of A/C Status Input	2 – AC Active Open
PGR019	J1939 Fan Request Enable	0 - Disabled
PGR019	Air Condition Enable Auto Fan	1 – Enabled
PGR019	Fan A/C Hold Time	180 sec
PGR019	Hold Time Fan	0 sec
PGR050	HDMS Transducer Enable	0 – Disable

GHG14, GHG17 MCM

MCM Group	Parameter	Value
PGR001_PropValve	PWM14 Configuration	17 – Fan 1
PGR001_PropValve	PWM6 Configuration	0 – not parameterized
PGR006_FanConfig	Fan Type	7 – Single-Speed Fan – 1 output

CONTACT INFORMATION

Please contact the Detroit™ Customer Support Center at 800-445-1980 or email csc@daimler.com if you have any questions.