

Q-352



SVE BULLETIN

SPECIAL VEHICLE ENGINEERING – BODY BUILDERS ADVISORY SERVICE

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QVM BULLETIN: Q-352

DATE 11/JULY/2022

TRANSIT WINDSHIELD CONDENSATION ATTRIBUTED TO AFTERMAKET UPFITTED COVER/BLIND AFFECTING THE ADAS CAMERA OPERATION

REVISION	UPDATE	REVISION DATE
Q-352	INITIAL RELEASE	11 / JULY / 2022

MODEL(S) AFFECTED:

TRANSIT - Equipped with Advanced Driver Assist Systems (ADAS)

ISSUE / DESCRIPTION:

Some Transit vehicles that have been upfitted as a Recreational Vehicle/Motor Home or Camper may see experience moisture condensation (blockage) on the windshield area between the Advanced Driver Assist Systems (ADAS) camera and the windshield.

When the ADAS camera detects a vision blockage, it activates the heating patch (if outside temperature is under 5° C the heating patch runs at full power; a low frequency and duty cycle PWM strategy is used up to 30 degrees C), thus it takes time to then clear the screen. *Note a blockage message DTC will appear to notify the vehicle operator.*

Between 5° and 30° C the heating patch will only turn on when a blockage is detected, and the vehicle is being driven – if it is parked then nothing will happen to clear the screen. Under 5° C the heating patch will turn on regardless of vehicle speed and will work when stationary.

The blockage may be attributed due to the lack of proper air flow and the convection is not occurring rendering the heating patch incapable. ***This blockage condition has only been seen when the windshield has been covered with an aftermarket (intermediate and/or final stage manufacturer equipped) cover or blind when the vehicle is parked.***

Ford Motor Company recommends that a windshield blind (or cover) not be used, or the blind (or cover) has been cutout in the area of the ADAS camera that is mounted on the windshield - **This condition is not a warrantable condition.**

Refer to the Body Builder Layout Book for additional guidelines and recommendations. If you have any questions, please contact the [Ford Body Builders Advisory Service](#) as shown in the header of this bulletin.