



# FAQ's for Campaign 51101-C

A NEW BREED.



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# Workhorse Campaign 51101-C

- This campaign replaces the current Bosch brake calipers on all W20,21,22 series RV chassis with 4 new, redesigned brake calipers.
- All 4 brake calipers will be replaced at no cost to the owner of the vehicle, even if brake caliper(s) have previously been replaced during an interim repair.
- Campaign 51101-C does not cover the replacement of other brake system components such as but not limited to: rotors, seals, hoses, brake pads, master cylinder and various ABS system components.
- Workhorse will evaluate cases on an individual basis where the brake caliper assembly is believed to have caused collateral damage to another brake system component. If the brake caliper is found to be the root cause of another brake system component failure, the affected component may be covered by Workhorse.
- Regardless of the component involved, the guidance on component replacement is based on each individual wheel end and not all 4 wheel-ends as a whole.

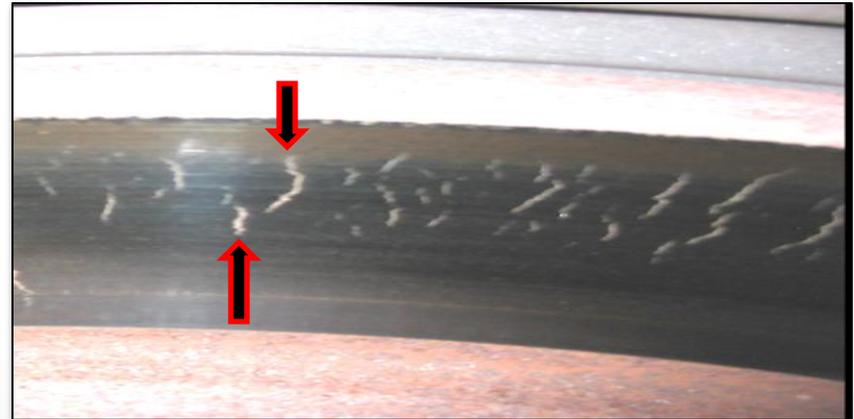


# Rotor Evaluation

Radial crack into cooling fin w/o transfer-Non warrantable



"Heat Checking"-Normal Condition, Non warrantable



Heavy transfer on 2 sides of rotor, face missing material. Warrantable-covered as collateral damage from caliper



Light pad transfer on face of rotor-Normal Condition-no replacement needed



# ABS Speed Sensors

- An illuminated ABS lamp may indicate an active ABS system fault, which will require retrieving diagnostic trouble code(s). If DTCs 21, 25, 31, or 35 are active, the speed sensor(s) failure is most likely related to heat damage caused by a caliper failure and may be replaced as part of Campaign 51101-C.
- An ABS sensor which has been heat damaged may appear melted but there are some circumstances where a sensor can have low resistance or be internally open without showing extreme signs of heat on the outside.
- If the ABS light is on and the diagnostic trouble code(s) in the module is not one of the above listed DTCs, the failure is not related to Campaign 51101-C and will need to be repaired at the owner's expense.



# ABS Speed Sensors & Brake Pads

A properly functioning ABS speed sensor



A heat damaged ABS speed sensor



Brake pads are considered wearable items on all vehicles and can have their useable life affected by many factors; including, but not limited to: driving habits, type of traffic driven in, geographical location and vehicle weight. Campaign 51101-C does not cover brake pads, as these are part of RV chassis maintenance.



Good (12mm)



Pad-New



Bad (6mm)