

Your Ref: MTS2022D0002071
Our Ref : CI/III22003908/P

27th April 2022

M/s India International Insurance Pte. Ltd.

64 Cecil Street #04, #05
IOB Building
Singapore 049711

**TECHNICAL INVESTIGATION REPORT OF WARRARTY CLAIM INVOLVING
THE INSURED VEHICLE SLL 8055J ON 21st April 2022**

1. We refer to your letter dated 21st April 2022 and the instructions therein.
2. Our analysis, comments and opinions with respect to the cause of abnormalities to the insured vehicle SLL 8055J (herein referred to as “**Insured Vehicle**”) are set out below.

Inspection of the Insured Vehicle

3. The Insured Vehicle was physically inspected on 22nd April 2022 at the premises of AutoSprint Pte Ltd located at 24 Leng Kee Rd, #07-01, Singapore 159096
4. A physical inspection was carried out to the Insured Vehicle where the following general information was recorded:-

Vehicle Registration No.	: SLL 8055J
Make / Model	: MERCEDES BENZ GLB200 AMG LINE
PREMIUM 7 SEATER	
Chassis No	: W1N2476872W031179
Year of Registration	: MAR 2021
Mileage	: 18,253KM

5. The complaint on the Insured Vehicle was noted be to a faulty Air conditioner compressor as it broke while driving and the air blowing out of the air vent to not be cold the material time. The recommendation by the workshop to was to replace the aircon compressor, aircon condenser and its aircon cooling coil of the aircon system. The vehicle was observed to be unaffected by any signs of accident. The aircon compressor unit removed from the Insured Vehicle and dismantled to inspect for detailed damages See photos 1 – 9 below.



Photo 1 shows the mileage of the Insured Vehicle recorded at the time inspection at 18,253KM



Photo 2 shows the general view of the front portion of the Insured Vehicle at the time of our inspection. The Insured Vehicle is observed to be unaffected by any signs of accident.



Photo 3 shows the general view of the engine portion of the Insured Vehicle at the time of our inspection. The engine compartment is observed to be unaffected by any signs of accident.



Photo 4 shows the general view of the engine underside portion of the Insured Vehicle at the time of our inspection. The engine underside compartment is observed to be unaffected and by any signs of accident.



Photo 5 shows the chassis number of the Insured Vehicle at the time of our inspection.



Photo 6 shows the aircon compressor unit of the Insured Vehicle at the time of our inspection. The aircon compressor unit is observed to be taken out of the Insured Vehicle and inspected.



Photo 7 shows the aircon compressor unit portion of the Insured Vehicle at the time of our inspection. The bearing (yellow arrow) of the aircon compressor unit is observed to be damaged and the grease (red arrow) inside it has leaked out.



Photo 8 shows the close up view of the aircon compressor of the Insured Vehicle at the time of our inspection. The internals of the aircon compressor was observed to be filled up with black liquid and metal fillings (arrowed) which was caused by the damaged aircon compressor bearing at the time of inspection.



Photo 9 shows the close up view of the aircon compressor of the Insured Vehicle at the time of our inspection. The internals of the aircon compressor was observed to be filled up with black liquid and metal fillings (arrowed) which was caused by the damaged aircon compressor bearing at the time of inspection.

6. Our checks with both local and international bodies and associations had also revealed that at the time of writing this report, there is no manufacturer recall of similar make and model vehicle as the Insured Vehicle that may possibly be related to abnormalities being originated from the aircon compressor and components of the Insured Vehicle. See search result from LTA below.

Vehicle Recall Details

* ONLY INFORMATION ON VEHICLE RECALLS SUBMITTED FROM 9 APRIL 2007 IS AVAILABLE

Owner ID Type Singapore NRIC	Owner ID 032G
Vehicle No. SLL8055J ←	Make/Model MERCEDES BENZ/ GLB200 AMG LINE PREMIUM 7SEATER
Engine No.: 28291480306906	Chassis No.: W1N2476872W031179 ←
Recall Details: No Recall Detail records ←	

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Recall details. Shows the vehicle recall results retrieved from LTA's website. There was no recall regarding the aircon compressor on the Insured Vehicle at the time of incident.

Conclusion

7. We did not find any evidence which had suggested that the cause of abnormalities to the Insured Vehicle was due to poor maintenance and/or recurring problem. And the damaged to the aircon compressor bearing was likely due to material stress which caused it to be broken and resulting to the damages to the aircon compressor, causing in the metal fillings and black liquid to flow around in the aircon system affecting the aircon condenser, aircon cooling coil and its components.
8. Our investigations had also revealed that at the time of writing this report, there is no manufacturer recall to similar make and model vehicle as the Insured Vehicle that may possibly be related to this incident.
9. The recommendation to replace the aircon compressor, aircon condenser, aircon cooling coil and its components at \$3,737.00 is justifiable as all the relevant checks has been conducted.

**Sherwin Beh***Technical Investigator***Ang Bryan Tani***AMSOE, AMIRTE, AFF SAE, M.MATAI, AFF.Inst.AEA**Senior Technical Investigator**Technical Investigation & Reconstructionist (SAE-A)*

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