

Special Service Message

NOTE: A Special Service Message is a formal communication issued by Jaguar and carries the same importance of a Technical Service Bulletin. An SSM is a quick method of communicating "Need To Know" information to the technical service community. SSM's may be issued in advance of a technical bulletin or may be the only communication on a given topic. All information contained in Jaguar technical communications are intended for use by trained, professional technicians with the knowledge, tools, and equipment required to complete the procedure correctly and safely. It informs the Technicians of conditions that may occur on some vehicles, or provides information that could assist in correct vehicle and diagnostic service.

SSM 74851 - X590 AC blowing warm air / slow refrigerant leak

Models : I-Pace / X590

(SADHB2R14K1F60001 -
SADHA2B13K1F69141)

Engineer Hatzl Rudolf

Name :

Last 08 JUN 2020 06:52:51

Modified :

Category : Body

Symptom : 107000 Interior Trim

Content : Issue:

Air Condition system blowing warm air when adjusted to cool.

Affected Vehicle VIN Range:

X590 I-Pace: K1F60001 to K1F69141

Cause:

Tolerance stack up issue with condenser pipe attachment bolt. The bolt may bottom out in the condenser housing before reaching full clamp load resulting in a slow refrigerant leak.

Action:

- Evacuate the Air Conditioning (A/C) system. Refer to the Workshop Manual: A/C System Recovery, Evacuation and Charging (412-00 Climate Control System - General Information, General Procedures).
- Remove the upper (Figure 1) and lower (Figure 2) A/C pipe attachment bolts at the condenser side. (Reference also TOPIx, Cooling Module 603-01 for location of bolts).
- Add a washer between the bolt head and the A/C pipe flange (see Figure 3)

Washer Dimensions (DIN 522, No.: 04116 18 or similar)

> Outer Diameter:	18.0 mm
> Inner Diameter	6.4 mm
> Thickness:	1.5 mm

- Install the upper and lower A/C pipe bolt to the condenser again with the washer placed between the bolt head and the pipe flange.
 - Torque: 12 Nm
- Charge the A/C refrigerant. Refer to: Air Conditioning System Recovery, Evacuation and Charging (412-00 Climate Control System - General Information, General Procedures).
- Check for A/C Leaks

File : [SSM Attachment.pdf](#)