

Special Service Message

NOTE: A Special Service Message is a formal communication issued by Land Rover 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 Land Rover 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 74988 - Defender (L663) 20MY Onwards - Clear DTC C055E-7A
When ABS (AMBER) / DSC (AMBER) Lights Appear

Models : Defender/L663

Engineer Chris Davies

Name :

Last 11 AUG 2020 09:07:34

Modified :

Category : Chassis

Symptom : 301000 Service Brake System

Content : Issue:

DTC C055E-7A (*Brake Hydraulic Circuit "A" Leak – Fluid Leak or Seal Failure*) requires a system "Self-Check" to be carried out before clearing the DTC and extinguishing the warning lights.

Cause:

It is design intent for this DTC (C055E-7A) to not clear until the system Self-Check (below) has been completed successfully.

Action:

After completing any investigation/work to rectify a brake hydraulic circuit fluid leak or seal failure the DTC should be cleared in the following way:

Self-Check:

1. Clear the DTC using Pathfinder and exit the session
2. Turn the IGN off and allow the vehicle to enter a sleep cycle
3. Turn the IGN back on without pressing the brake pedal
4. Wait 15 seconds without pressing the brake pedal
5. Apply heavy pressure to the brake pedal and hold. The self-check will begin. Valve clicking should be audible
6. Firmly hold the brake pedal for up to 120 seconds (or until the clicking stops and warning lamps go out)
7. If the DTC does not clear and warning lamps remain illuminated after 120 seconds then further

investigation is required to diagnose the fluid/seal leak.

A Topix update is in progress, which will supersede this SSM.

Thank you in advance for your assistance with this matter.