

2018 Mercedes Benz E63S AMG 4MATIC Sed (213.089) V8-4.0L Turbo (177.980)

Vehicle > Technical Service Bulletins

HARSH ENGAGEMENT WHEN CHANGING GEAR RANGE FROM P TO D OR R



Mercedes-Benz

- Harsh engagement when changing gear range from P to D or R -

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| Topic number | LI27.50-P-071658 |
| Version | 2 |
| Function group | 27.50 Gear assembly |
| Date | 09-30-2020 |
| Validity | Vehicles with transmission 725.0 and 725.1 |
| Reason for change | After consultation with Development, we are releasing this GI for MOPF transmission 725.1 as well. For transmission 725.0 and 725.1, you should drive up to 5th gear between adaptation processes to also occasionally open B06. |

Complaint

When changing gear range from P to D or R, harsh engagement may be noticeable

Cause

The engagement process is only adapted for slow engagement from N or P and not for fast changing between D and R. Since the speed of change during the engagement process is very low, several engagement processes are required in order to learn the fill time and contact pressure.

Remedy

The engagement sequence must be taught in again as follows:

Start the engine from cold,

Engage gear P, wait at least 5s.;

Engage gear D, wait at least 5s.;

Engage gear P, wait at least 5s.;

Engage gear R, wait at least 5s.; .

..

Repeat this process for the engagement processes into D and R 10 times. Then drive vehicle up to 5th gear to cool the disks.

Also repeat the above procedure with the transmission at operating temperature (approx. 50°C) and running hot (approx. 70°C).

Symptoms

Symptom

Power transmission / Function / Jolting/shuddering during start-off

Power transmission / Automatic transmission / Function / Malfunction

Power transmission / Automatic transmission / Function / Shuddering during start-off

Power transmission / Automatic transmission / Function / Shudders

Power transmission / Automatic transmission / Function / Poor shift quality