

# Annual In-Service Verification report

According to Commission Regulation (EU) 2023/2866, Annex VI

## Light Duty Vehicles In-Service Verification for 2025

**Date**

18-03-2026

**Report number**

RDW-ISV-2025-01



## Abbreviations

Abbreviation	Description
ISV	In-Service Verification
ISC	In-Service Conformity
MSA	Market Surveillance Authority
EU	European Union
GTAA	Granting Type Approval Authority
OEM	Original Equipment Manufacturer
TS	Technical Service
Rev.	Revision
n/a	Not applicable

*Table 1. Abbreviations*

## Introduction

This annual report contains information about ISV test results, as set out in Commission Regulation (EU) 2023/2866 Annex VI ‘**Reporting format for the in-service verification annual overview**’.

**This annual report contains information about selected families for ISV testing in 2025. Test types for which a conclusion has been reached have been performed in 2025. For some families additional testing is required to come to a final conclusion. The additional tests will be performed in 2026.**



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## A. General Information

1. GTAA
  - e4 / RDW
2. Date of annual overview
  - 27-02-2026
3. Year concerned
  - 2025
4. Total number of ISV families for which the authority has issued emissions type-approvals in the three calendar years preceding the ISV
  - 444
5. Minimum number of ISV families to be tested (= 2% of point 4)
  - 9
6. Total numbers of ISV families tested in the year concerned
  - 5 completed, pending family status is available in chapter D.



## B. List of the ISV families selected for testing

Explanation (per column) for table below:

- Identification number of the ISV family selected (ISV ID);
- Vehicle manufacturer concerned (OEM);
  - All manufacturers to which the RDW has granted an emission type approval in the 3 preceding years are included;
- Vehicle interpolation family identifiers for each of the ISV families selected (IP ID);
- Reason(s) for selecting the ISV families (Reason);
  - In case of 'evidence' the selection is based on (EU) 2023/2866 Article 3(2)(a);
  - In case of 'risk assessment' the selection is based on (EU) 2023/2866 Article 3(2)(b);
  - 'other' if any other reason, see explanation between brackets.

ISV ID	OEM	IP ID	Reason
1.	KIA Corporation	IP-04-KNA-2018-1068	Risk assessment
2.	Suzuki Motor Corporation	IP-4_1187-JSA-1	Risk assessment + selected ISC 2025
3.	KIA Motors Slovakia s.r.o.	IP-0401361-U5Y-1	Risk assessment + selected ISC 2025
4.	SAIC Motor Corporation Ltd.	IP-AS23_2019_01-LSJ-1	Risk assessment + selected ISC 2025
5.	Isuzu Motors Limited	IP-T87AE_01MPA-1	Synergy with ISC 2025
6.	Magyar Suzuki Corporation Ltd.	IP-4_13082-TSM-1	Risk assessment and registration volume
7.	Volvo Car Corporation	IP-2020_256BMD-YV1-1	Risk assessment and registration volume
8.	Hyundai Motor Company	IP-41177-KMH-1	Risk assessment
9.	FCA US LLC	IP-e4JLPHEVSAH-1C4-1	Based on sales volume and proposed by the Commission

Table 2. ISV families selected for testing



## C. Summary of ISV test results

Explanation (per column) for table below:

- Type of test: chassis dynamometer (CDM), road load (RL) or artificial strategies (AS);
- Minimum number of ISV families per type of test to be tested (Min.), calculated according to (EU) 2023/2866 Article 4(1) as a percentage of the total number of ISV families tested (chapter A(6) of this report);
- Total number of ISV families tested per type of test (Total);
- Total number of conclusions per type of test;
  - no lack of correspondence (Pass);
  - lack of correspondence (Fail);
  - no conclusion established yet (pending).

Type of test	Min.	Total	Pass	Fail	Pending
CDM test (min.75%)	7	9	7	-	4
RL test (min.50%)	5	5	4	-	1
AS test (min.25%)	3	4	4	-	0

Table 3. Summary of ISV test results



## D. Detailed ISV test results for the year concerned

Explanation (per column) for table below:

- Identification number of the ISV family selected (ISV ID);
- Manufacturer concerned (OEM);
- Type of test performed (Type of test): chassis dynamometer (CDM), road load (RL) or artificial strategies (AS) test;
- Start date of the test (Start date) according to Article 5(2) of Delegated regulation (EU) 2023/2867;
- Name of organization(s) performing the test (GTAA or TS) (GTAA/TS);
- Number of vehicles tested (#vehicles);
- Test results of each individual test vehicle (CO<sub>2</sub>,ratio);
- Conclusion of the test (Conclusion/Deviation), that is 'Pass', 'Fail' or 'Pending', incl. size of the deviation in case of 'Fail';
- Test report reference number (Test ref.);
- Conclusion reference number (Conclusion ref.).

Division Vehicle Regulation & Admission

ISV ID	OEM	Type of test	Start date	GTAA/TS	No. of vehicles	CO2, ratio	Conclusion/ Deviation	Test ref.	Conclusion ref.
1.	KIA Corporation	CDM	03-07-2025	DEKRA	3	0,912	Pass	202560831_DE	0000-ISV-2025-E04-10-CDM.jet
1.	KIA Corporation	RL	26-06-2025	DEKRA	3	1,001	Pass	202560831_DE	0000-ISV-2025-E04-10-RL.jet
1.	KIA Corporation	AS	27-06-2025	DEKRA	1	n/a	Pass	202560831_DE	0000-ISV-2025-E04-10-AS.jet
2.	Suzuki Motor Corporation	CDM	01-06-2025	DEKRA	3	0,995	Pass	202560826_AZ_00	0000-ISV-2025-E04-17-CDM.jet
3.	KIA Motors Slovakia s.r.o.	CDM	04-06-2025	IDIADA	5	0,978	Pass	IB_250624_000; IB_250709_000; IB_250730_003; IB_251106_006; IB_251127_009	0000-ISV-2025-E04-14-CDM.jet
3.	KIA Motors Slovakia s.r.o.	RL	17-06-2025	IDIADA	3	1,01	Pass	25AT_EPWT00274-01; 25AT_EPWT00333-01; 25AT_EPWT00373-01	0000-ISV-2025-E04-14-RL.jet
4.	SAIC Motor Corporation Ltd.	CDM	19-06-2025	IDIADA	n/a	n/a	Pending	n/a	n/a
4.	SAIC Motor Corporation Ltd.	RL	25-06-2025	IDIADA	3	0,95	Pass	25AT_EPWT00328-01; 25AT_EPWT00485-01; 25AT_EPWT00529-01	0000-ISV-2025-E04-12-RL.jet
4.	SAIC Motor Corporation Ltd.	AS	13-11-2025	IDIADA	1	n/a	Pass	IB_251120_000	0000-ISV-2025-E04-12-AS.jet
5.	Isuzu Motors Limited	CDM	n/a	DEKRA	3	0,971	Pass	TR 202560830 T018525;	0000-ISV-2025-E04-09-CDM.jet



								TR_202560830_T008162; TR_202560830_T009059	
5.	Isuzu Motors Limited	AS	03-06-2025	DEKRA	1	n/a	Pass	TR_202560830_T008162_AS	0000-ISV-2025-E04-09-AS.jet
6.	Magyar Suzuki Corporation Ltd.	CDM	30-09-2025	TÜV Nord Mobility	n/a	n/a	Pending	n/a	n/a
6.	Magyar Suzuki Corporation Ltd.	RL	n/a	TÜV Nord Mobility	3	1,028	Pass	11.99.1213.00 11.99.1214.00 11.99.1215.00	0000-ISV-2025-E04-08-RL
6.	Magyar Suzuki Corporation Ltd.	AS	14-10-2025	TÜV Nord Mobility	1	n/a	Pass	11.99.1215.00	0000-ISV-2025-E04-08-AS.jet
7.	Volvo Car Corporation	CDM	02-04-2025	DEKRA	3	0,980	Pass	TR_202560832_L_03_ISV	0000-ISV-2025-E04-11-CDM.jet
8.	Hyundai Motor Company	CDM	15-10-2025	IDIADA	n/a	n/a	Pending	n/a	n/a
8.	Hyundai Motor Company	RL	13-10-2025	IDIADA	n/a	n/a	Pending	n/a	n/a
9.	FCA US LLC	CDM	n/a	TÜV Nord Mobility	n/a	n/a	Pending	n/a	n/a

Table 4. Detailed ISV test results for the year concerned



## E. Detailed ISV test results, for which conclusions were reported as 'Pending' in the previous annual overview

Year concerned	ISV ID	OEM	Type of test	Start date	GTAA/TS	# vehicles	CO2, ratio	Conclusion/ Deviation	Test ref.	Conclusion ref.
2024	1.	FCA US LLC	CDM	n/a	TÜV Nord Mobility	n/a	n/a	Pending	n/a	n/a
2024	2.	Hyundai Motor Company	CDM	15-05-2025	DEKRA	3	0,927	Pass	202560829_TM_00	0000-ISV-2024-E04-07-CDM.jet
2024	2.	Hyundai Motor Company	RL	09-05-2025	DEKRA	3	1,017	Pass	202560829_TM_00	0000-ISV-2024-E04-07-RL.jet
2024	2.	Hyundai Motor Company	AS	28-05-2025	DEKRA	1	n/a	Pass	202560829_U010336_AS	0000-ISV-2024-E04-07-AS.jet
2024	3.	Isuzu Motors Limited	n/a	n/a	TÜV Nord Mobility	n/a	n/a	Cancelled <sup>1</sup>	n/a	n/a
2024	4.	KIA Corporation	CDM	19-06-2025	IDIADA	3	n/a	Fail <sup>2</sup>	IB_250619_004 IB_250724_001 IB_250724_002	0000-ISV-2024-E04-01-CDM.jet
2024	5.	KIA Motors Slovakia s.r.o.	CDM	30-09-2025	TÜV Nord Mobility	3	n/a	Fail <sup>2</sup>	n/a	Pending



Division Vehicle Regulation & Admission

Year concerned	ISV ID	OEM	Type of test	Start date	GTAA/TS	# vehicles	CO2, ratio	Conclusion/ Deviation	Test ref.	Conclusion ref.
2024	5.	KIA Motors Slovakia s.r.o.	RL	13-08-2025	TÜV Nord Mobility	3	0,98	Pass	n/a	0000-ISV-2024-E04-05-RL.jet
2024	5.	KIA Motors Slovakia s.r.o.	AS	24-09-2025	TÜV Nord Mobility	1	n/a	Fail <sup>2</sup>	n/a	Pending
2024	6.	Magyar Suzuki Corporation Ltd.	CDM	18-09-2025	TÜV Nord Mobility	n/a	n/a	Pending	n/a	n/a
2024	6.	Magyar Suzuki Corporation Ltd.	RL	28-08-2025	TÜV Nord Mobility	3	1,03	Pass	11.999.1210.00 11.999.1240.00 11.999.1239.00	0000-ISV-2024-E04-03-RL.jet
2024	7.	Suzuki Motor Corporation	CDM	09-09-2025	TÜV Nord Mobility	5	0,987	Pass	11.99.1204.00_Corr01; 11.99.1205.00; 11.99.1206.00; 11.99.1223.00; 11.99.1236.00	0000-ISV-2024-E04-02-CDM.jet
2024	7.	Suzuki Motor Corporation	RL	13-08-2025	TÜV Nord Mobility	3	1,016	Pass	11.99.1204.00_Corr01; 11.99.1205.00; 11.99.1206.00	0000-ISV-2024-E04-02-RL.jet
2024	8.	Volvo Car Corporation	CDM	09-09-2025	IDIADA	n/a	n/a	Pending	n/a	n/a
2024	8.	Volvo Car Corporation	AS	n/a	IDIADA	n/a	n/a	Pending	n/a	n/a

1- Family cancelled due to limited availability.

2- Tests have been performed based on incomplete documentation. Due to a limitation in the level of regenerative braking the CO2 emissions of the tests were higher than expected. The manufacturer has explained the different root causes (ID 4 and ID 5) and confirmed/demonstrated the difference. Both families will be re-selected for ISV 2026.

Table 5. Detailed ISV test results, for which conclusions were reported as 'pending' in the previous annual overview

