ECE TYPE-APPROVAL CERTIFICATE

Communication concerning approval granted of a vehicle type with regard to safety-belt anchorages pursuant to UN Regulation No. 14

E5 Approval No: E5*14R09/03*0052*00

Reason(s) for extension : Not applicable

1. Trade name or mark of the power-driven vehicle : CTA

2. Type of vehicle : CTARM1-MFRENAULT/S

3. Manufacturer's name and address : C.T.A. S.r.l.
Via Nicaragua, 4
00071 Pomezia (RM)
Italy

4. If applicable, name and address of manufacturer's representative : Not applicable

5. Designation of the type of belts and retractors authorized for fitting to the anchorages with which the vehicle is equipped:

				Anchorage *	
				Vehicle Structure	Seat Structure
Front	Right hand seat	Lower anchorages	outboard	---	Ar
			inboard	---	Ar
		Upper anchorage		Ar	---
	Middle seat	Lower anchorages	right	---	---
			left	---	---
		Upper anchorage		---	---
	Left hand seat	Lower anchorages	outboard	---	Ar
			inboard	---	Ar
		Upper anchorage		Ar	---

Swedish Transport Agency
Road and Rail Department
Type Approvals
Box 267, SE-781 23 Borlänge, Sweden

Office address
Jussi Björlings väg 19

transportstyrelsen.se
vag@transportstyrelsen.se

** Insert in the actual position the following letter(s):*
"A" for three point belts,
"B" for lap belts,
"S" for special type belts; in this case the type shall be stated under 'Remarks',
"Ar", "Br" or "Sr" for belts with retractors,
"Ae", "Be" or "Se" for belts with an energy absorption device,
"Are", "Bre" or "Sre" for belts with retractors and energy-absorption devices on at least one anchorage.

	Remarks	:	
6.	Description of seats (1)	:	See information document no. 0001-2025
7.	Description of the adjustment, displacement and locking systems either of the seat or of its parts (1)	:	See information document no. 0001-2025
8.	Description of seat anchorage (1)	:	See information document no. 0001-2025
9.	Description of particular type of safety belt required in the case of an anchorage located in the seat structure or incorporating an energy-dissipating device	:	See information document no. 0001-2025
10.	Vehicle submitted for approval on	:	25 March 2025
11.	Technical Service responsible for conducting approval tests	:	VCA Europe S.r.l.
12.	Date of report issued by that Service	:	18 April 2025
13.	Number of report issued by that Service	:	VCAE022306-1
14.	Approval	:	granted
15.	Position of approval mark on vehicle	:	On the swivel plate
16.	Place	:	Göteborg
17.	Date	:	08 May 2025
18.	Signature	:	Tommie Augustsson Type Approval Certification Officer

19. The following documents, filed with the Type Approval Authority which has granted approval and available on request are annexed to this communication:

Drawings, diagrams and plans of the belt anchorages and of the vehicle structure;

Photographs of the belt anchorages and of the vehicle structure;

Drawings, diagrams and plans of the seats, of their anchorage on the vehicle, of the adjustment and displacement systems of the seats and of their parts and of their locking devices(1);

Photographs of the seats, of their anchorage, of the adjustment and displacement systems of the seats and of their parts, and of their locking devices (1)
Information document
Test report

(1) Only if the anchorage is affixed on the seat or if the seat supports the belt strap.

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Your comfort. Your safety.	# SCHEDA INFORMATIVA INFORMATION DOCUMENT	Scheda informativa **N°: 0001-2025** Information document: **N°: 0001-2025**
		CTA s.r.l.
	indice del contenuto **index of content**	Data/ date: 14/03/2025

Your comfort. Your safety. since 1977	SCHEDA INFORMATIVA INFORMATION DOCUMENT	Scheda informativa **N°: 0001-2025** Information document: **N°: 0001-2025** Data/ date: 14/03/2025

Regolamento n. 14

(Regolamento 14, serie 09 di modifiche) della Commissione economica per l'Europa delle Nazioni Unite (UN/ECE).

Regulation No 14

(Regulation No 14, 09 series of amendment) of the Economic Commission for Europe of the United Nations (UNECE).

DENOMINAZIONE COMMERCIALE COSTRUTTORE

TRADE NAME OF MANUFACTURER

CTA

TIPOLOGIA DEL VEICOLO

VEHICLE TYPE

VEICOLO A MOTORE

MOTOR VEHICLE

EVENTUALE FUNZIONE SPECIFICA

EVENTUAL SPECIFIC FUNCTION

AUTOVEICOLO

MOTOR VEHICLE

DENOMINAZIONE DEL TIPO

TYPE

CTARM1-MFRENAULT/S

0- DATI GENERALI
GENERAL

0.1- MARCA (denominazione commerciale del costruttore):
MAKE (trade of manufacture):
CTA

0.2- Tipo e designazione(i) commerciale (i) generali:
type and genreal commercial description (s)
CTARM1-MFRENAULT/S

0.3- Mezzi di identificazione del tipo, se marcati sul veicolo
Means of identification of type, if marked on the vehicle:
N.R.
N/A

0.3.1- Posizione della marcatura:
locaton of that marking:
N.R.
N/A

0.4- Categoria del veicolo:
category of vehicle:
M1-N1

0.5- Nome e indirizzo del costruttore:
Name and:
C.T.A. s.r.l.
Via Nicaragua, 4 00071 POMEZIA (RM) - ITALIA

0.8- Indirizzo dello o degli stabilimenti di montaggio:
Address(es) of assembly plants:
C.T.A. s.r.l.
Via Nicaragua, 4 00071 POMEZIA (RM) - ITALIA

0.A- Location of the E-mark on the vehicle (only for the regulation):
On the swivel plate

1- CARATTERISTICHE COSTRUTTIVE GENERALI DEL VEICOLO
GENERAL CONSTRUCTION CHARATTERIST OF THE VEHICLE

1.1- FOTOGRAFIE E/O DISEGNI DI UN VEICOLO RAPPRESENTATIVO:
Photographs and/or drawings of a representative vehicle:
VEDI ALLEGATO -A-
see Annex -A-

9- CARROZZERIA
BODY WORK

9.10- Finiture interne
Finiture interne:

9.10.3- Sedili:
seats:

9.10.3.1- numero posti a sedere: **2 (vedi disegno, Pagina 1- allegato -A-)**
Number of seating position: **2 (see drawing, Page 1- Annex -A-)**

9.10.3.1.1- ubicazione e soluzioni:
location and arrangements:
anteriori: sedili singoli frontemarcia,
con piastra girevole codice 9PG0066000V01

front: single forward-facing seat, with swivel plate

9PG0066000V01

9.10.3.2 - posti a sedere da usare a veicolo fermo:
seat designated for use only when the vehicle is stationari:
N.R.
N/A

9.10.3.3- Massa:
mass:
anteriori: 45 kg con piastra girevole
front:45kg with swivel plate

9.10.3.4- Caratteristiche: descrizione dei sedili e dei disegni di:
characteristics: descriptions and drowing of:

9.10.3.4.1- Sedili e i loro ancoraggi:
the seets and their anchorages:
Anteriore: come fase 1
front: as stage 1
posteriori: N.R.
rear: N/A

9.10.3.4.2- Sistemi di regolazione:
The adjustment system:
anteriori: come fase 1
front: as stage 1
posteriori: N.R.
rear: N/A

9.10.3.4.3- Sistemi di spostamento e di blocco:
The displacement and locking systems:
anteriori: come fase 1
front: as stage 1
posteriori: N.R.
rear:N/A

9.10.3.4.4- Ancoraggi delle cinture di sicurezza (se incorporati nel sedile):
the seat belt anchorages (if incorporated in the seat structure):

Anteriori: AR
arrotolatore e punto superiore (L3) sono ricavati nel montante del veicolo. I punti inferiori (L1-L2) sono entrambi ricavati sul sedile.
Gli ancoraggi cinture consistono in bulloni M10 con regolatore di altezza al punto superiore

Front: Ar
retractor and upper point (L3) are recessed in the vehicle. The lower points (L1-L2) are both recessed in the seat.
The belt anchorages consist of M10 bolts with height adjuster at the upper point

posteriori: N.R.
rear: N/A

9.10.3.5. coordinate o disegni dei punti R:
coordinates or drawing of the R-point:

9.10.3.5.1 sedile conducente: **vedi disegni. Allegato -A-**
driver's seat: **see drawings, allegato -A-**

9.10.3.5.2 tutti gli altri posti a sedere: **vedi disegni. Allegato -A-**
All other seating positions: **see drawings, allegato -A-**

9.10.3.6- angolo previsto di inclinazione dello schienale:
design torso angle of:

9.10.3.6.1- sedile conducente**:** **23.5°**
driver's seat: **23.5°**

9.10.3.6.2- tutti gli altri posti a sedere: **anteriori: 23.5°**
all other seating positions: **front: 23.5°**
posteriori: N.R.
rear: N/A

9.10.3.7- Corsa di regolazione del sedile:
range of seat adjustament:

9.10.7.1. Sedile conducente: **come fase 1**
driver's seat: **as stage 1**

-

9.10.3.7.2 Tutti gli altri posti a sedere: **anteriori: come fase 1**
all other seating position: **front: as stage 1**
posteriori: N.R.
rear: N/A

9.12.2. natura e ubicazione di sistemi supplementari di ritenuta (indicare si/no/facoltativo)
Nature and position of supplementary restraint systems (indicate yes/no,optional)
N.R.
N/A

9.13. Ancoraggi delle cinture di sicurezza:
safaty belt anchorages

9.13.1. Fotografie e/o disegni della carrozzeria col la posizione e le dimensioni degli ancoraggi reali ed effettivi,le indicazioni dei punti R:
photographs and/or drawings of the bodywork showing the position and dimensions of the actualand effetive ancorages includin the R-point:

vedi Allegato -A-
see ANNEX -A-

9.13.2 Disegni degli ancoraggi delle cinture e le parti veicolo e parti della struttura del veicolo su cui sono fissati (con indicazione dei materiali impegnati):
Drawing of the belt anchorages and part of the vehicle structure where they are attached (whith the matireal indication):

vedi Allegato -B-
see annex -B-

9.13.3 indicazione dei tipi di cinture di sicurezza di cui è autorizzata l'installazione agli ancoraggi del veicolo:
designation of the types of safety bels authorized for fittng to the anchorages with which the veicle is equipped:

Fila Row	Sedile seat	Posizione dell'ancoraggio Anchorage position	Ubicazione dell'ancoraggio Anchorage location	
			Struttura del veicolo Vehicle structure	Struttura del sedile seat structure
Prima fila di sedili (anteriore) First row of seats (front)	Sedile guidatore Drivers seat	Ancoraggio inferiore esterno Lower outboard anchorage	---	**Ar**
		Ancoraggio inferiore interno Lower inboard anchorage	---	**Ar**
		Ancoraggio superiore Upper ancoraggio	**Ar**	---
	Sedile singolo sinistro Single right seat	Ancoraggio inferiore esterno Lower outboard anchorage	---	**Ar**
		Ancoraggio inferiore interno Lower inboard anchorage	---	**Ar**
		Ancoraggio superiore Upper ancoraggio	**Ar**	---

9.13.4 Descrizione di un tipo particolare di cintura di sicurezza in cui un ancoraggio è fissato allo schienale del sedile o comprende un dispositivo per la dissipazione di energia:
Description of a particular type of safety belt where an anchorage is attached to the seat back or includes an energy dissipating device:
N.R.
N/A

NOTE: **SISTEMI DI ROTAZIONE DESTINATI AL RENAULT MASTER (III)**
Valido per i veicoli di categoria M1-N1

Si fa presente che le modifiche riguardano la sola installazione di sistemi rotanti nei sedili in cabina. Si tratta di due sedili singoli frontemarcia (conducente e passeggero) il passaggio delle cinture rimane invariato rispetto la fase 1:
Arrotolatore e punto superiore ricavati sulla carrozzeria del veicolo, i due ancoraggi inferiori Sono ricavati sulla struttura del sedile.

NOTE: **ROTATION SYSTEMS INTENDED FOR RENAULT MASTER (III)**
Valid for M1-N1 category vehicles
Please note that the modifications concern only the installation of rotating systems in the seats in the cab. These are two single seats facing each other (driver and passenger) the belt routing remains unchanged compared to phase 1:
Upper anchorage and upper anchorage made on the vehicle body, the two lower anchorages are cut into the seat structure.

Your comfort. Your safety. since 1977	SCHEDA INFORMATIVA INFORMATION DOCUMENT	Scheda informativa **N°: 0001-2025** Information document: **N°: 0001-2025** Data/ date: 14/03/2025

IDENTIFICAZIONE DELTIPO DEL COSTRUTTORE
IDENTIFICATION OF TYPE OF MANUFACTURE

CTARM1-MFRENAULT/S

IDENTIFICAZIONE DEL TIPO
TYPE IDENTIFICATION

Item	1÷3	**CTA**	identificazione C.T.A srl C.T.A. s.r.l.identification
Item	4÷6	**RM1**	identificazione costruttore veicolo Base Base vehicle manufacturer identification RENAULT MASTER
Item	7	-	separatore Separator
Item	8-9	**MF**	identificazione del tipo veicolo Vehicle type identification
Item	10÷16	**RENAULT**	Marchio del veicolo Make of vehicle
Item	17	**/**	separatore Separator
Item	18	**S**	Ministero svedese (STA) Swedish Trasport Agency

Your comfort. Your safety.	ALLEGATO A ANNEX A	Scheda informativa **N°: 0001-2025** Information document: **N°: 0001-2025** Data/ date: 14/03/2025

(SCHEMA-ZONE AUTORIZZATE)

(DIAGRAMS – AUTHORIZED AREAS)

DENOMINAZIONE COMMERCIALE COSTRUTTORE

TRADE NAME OF MANUFACTURER

CTA

TIPOLOGIA DEL VEICOLO

VEHICLE TYPE

VEICOLO A MOTORE

MOTOR VEHICLE

EVENTUALE FUNZIONE SPECIFICA

EVENTUAL SPECIFIC FUNCTION

AUTOVEICOLO

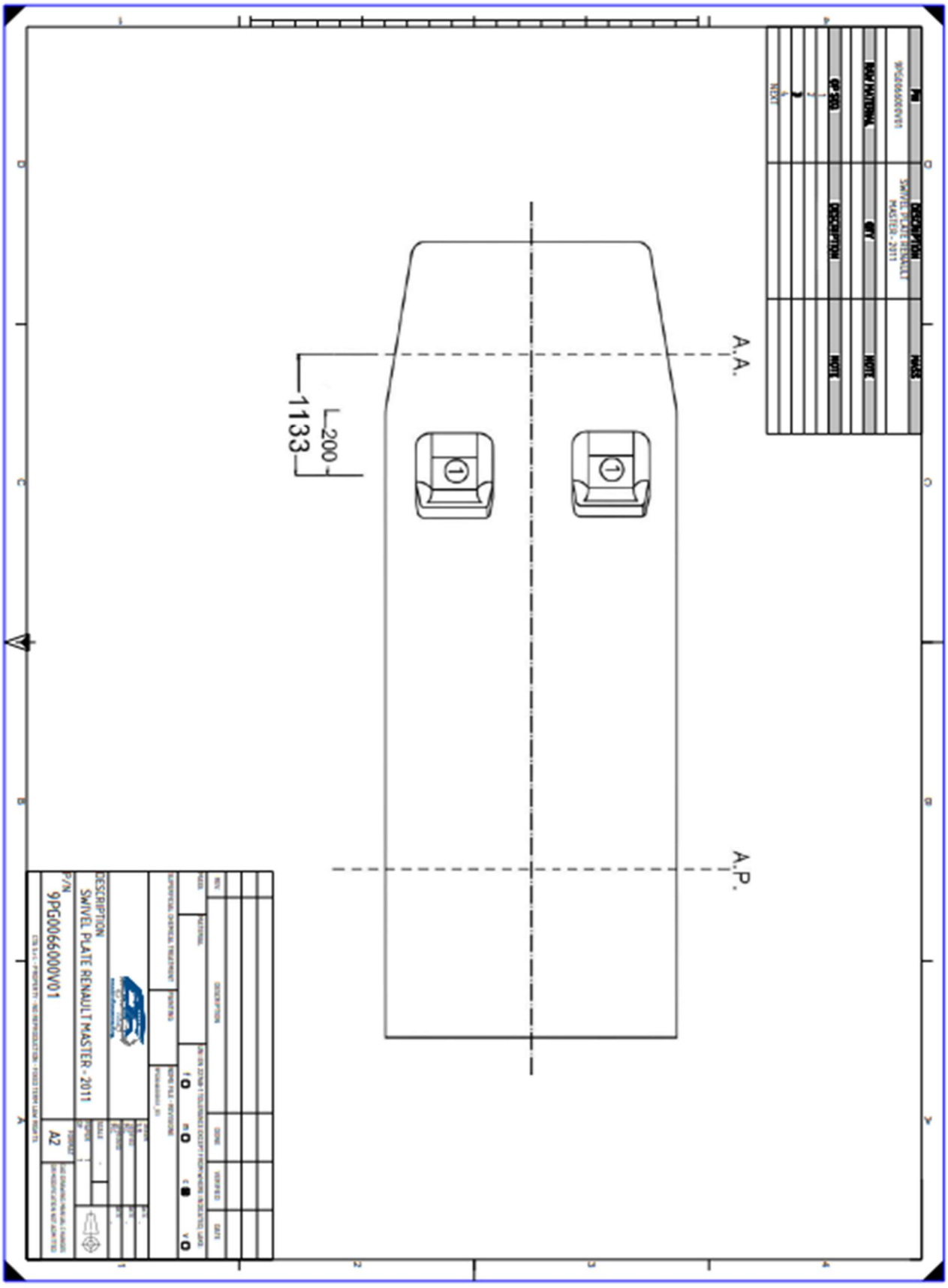
MOTOR VEHICLE

DENOMINAZIONE DEL TIPO

TYPE

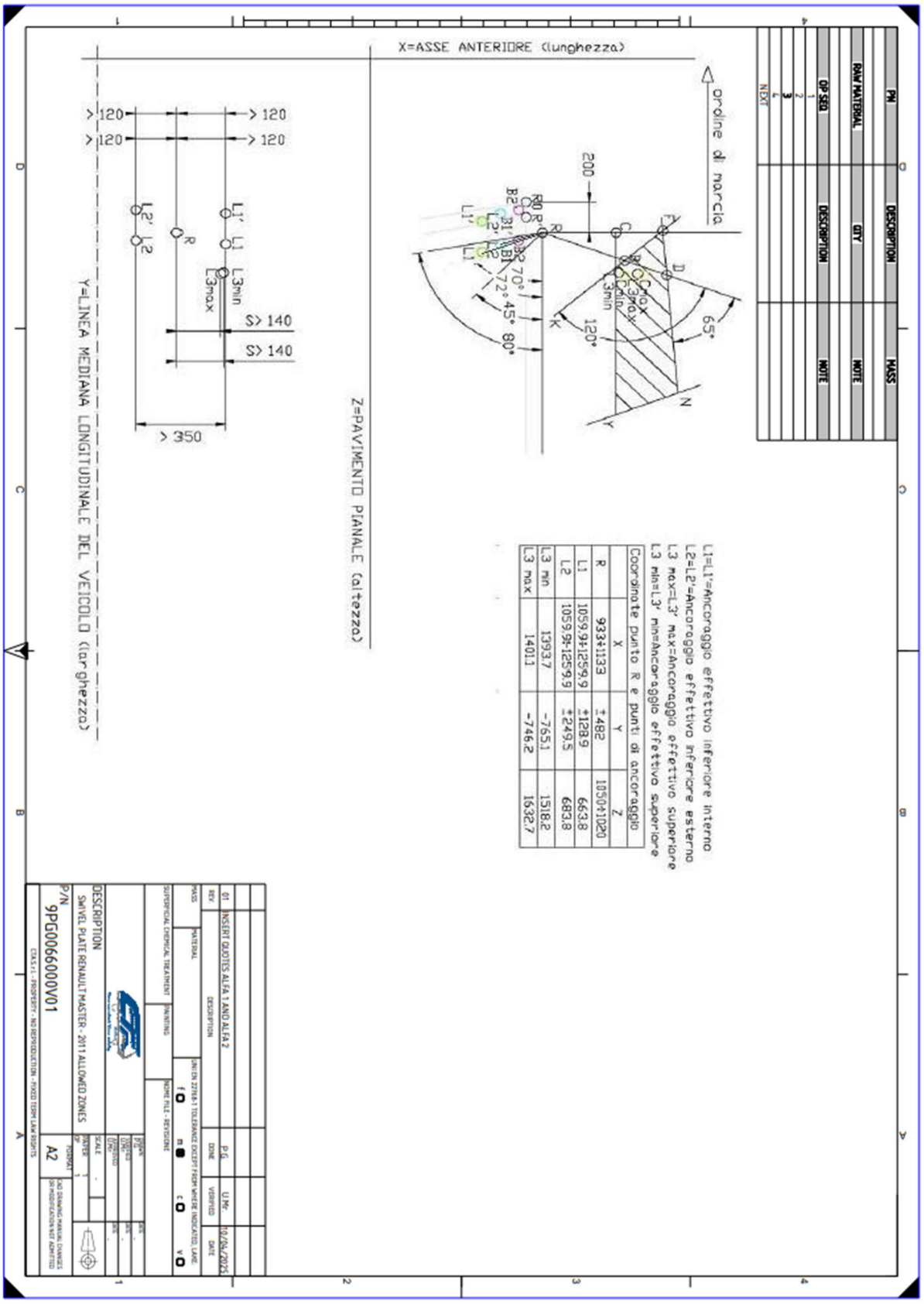
CTARM1-MFRENAULT/S

Your comfort. Your safety.	# ALLEGATO A ANNEX A	Scheda informativa **N°: 0001-2025** Information document: **N°: 0001-2025** Data/ date: 14/03/2025
Vista in pianta del veicolo Plan view of the vehicle		Pagina 1/3 Page 1/3



ALLEGATO A
ANNEX A

Zone autorizzate sedili anteriori con piastra 9PG0066000V01
Authorised front seat areas 9PG0066000V01



since 1977 Your comfort. Your safety.	ALLEGATO A ANNEX A	Scheda informativa **N°: 0001-2025** Information document: **N°: 0001-2025**
		Data/ date: 14/03/2025
Foto del veicolo rappresentativo Photo of representative vehicle		Pagina 3/3 Page 3/3

Your comfort. Your safety. since 1977	ALLEGATO B ANNEX B	Scheda informativa **N°: 0001-2025** Information document: **N°: 0001-2025** Data/ date: 14/03/2025

(ANCORAGGI DELLE CINTURE E DEL SEDILE)

(SAFETY BELTS AND THE SEAT ANCHORAGES)

DENOMINAZIONE COMMERCIALE COSTRUTTORE

TRADE NAME OF MANUFACTURER

CTA

TIPOLOGIA DEL VEICOLO

VEHICLE TYPE

VEICOLO A MOTORE

MOTOR VEHICLE

EVENTUALE FUNZIONE SPECIFICA

EVENTUAL SPECIFIC FUNCTION

AUTOVEICOLO

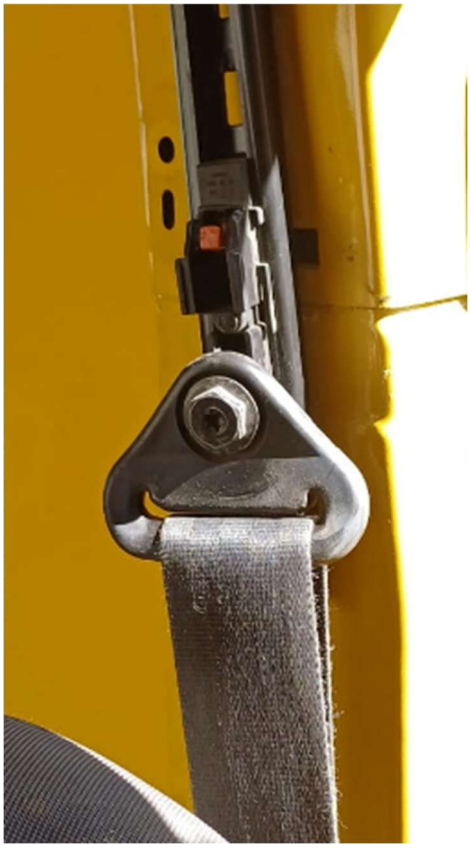
MOTOR VEHICLE

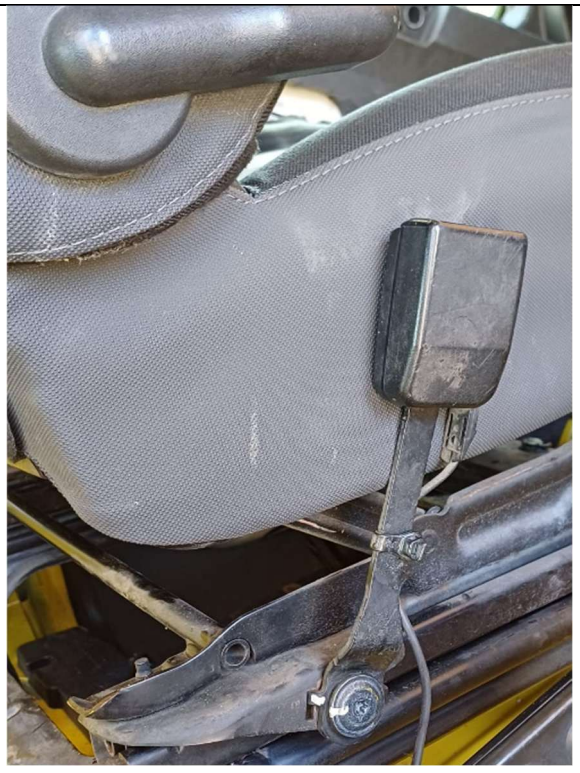
DENOMINAZIONE DEL TIPO

TYPE

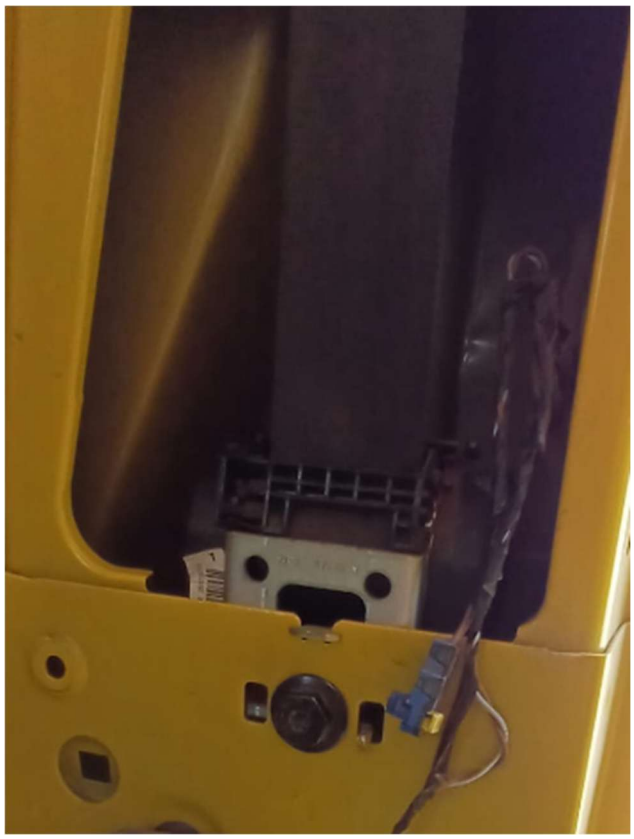
CTARM1-MFRENAULT/S

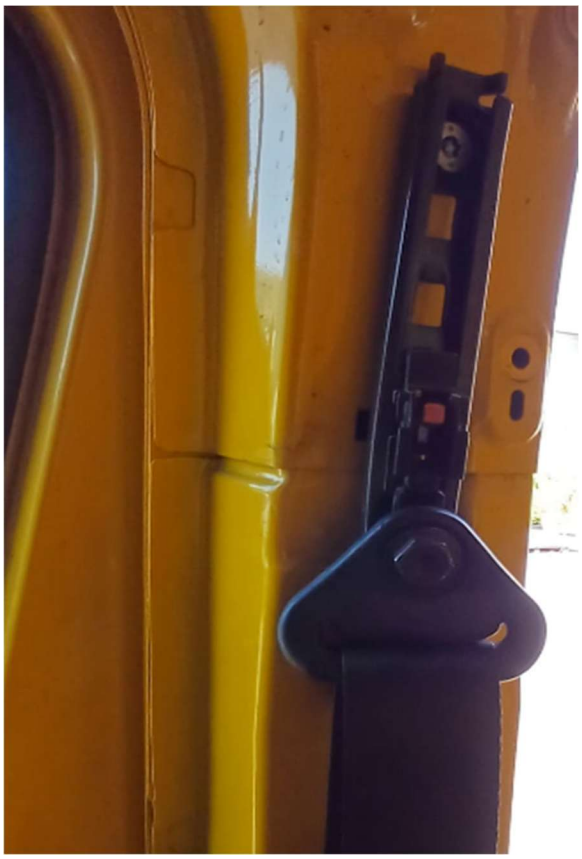
Your comfort. Your safety.	# ALLEGATO B ANNEX B	Scheda informativa **N°: 0001-2025** Information document: **N°: 0001-2025** Data/ date: 14/03/2025
Foto ancoraggi effettivi delle cinture di sicurezza sedile guidatore Photo actual seat belt anchorages driver's sea		Pagina 1/2 Page 1/2

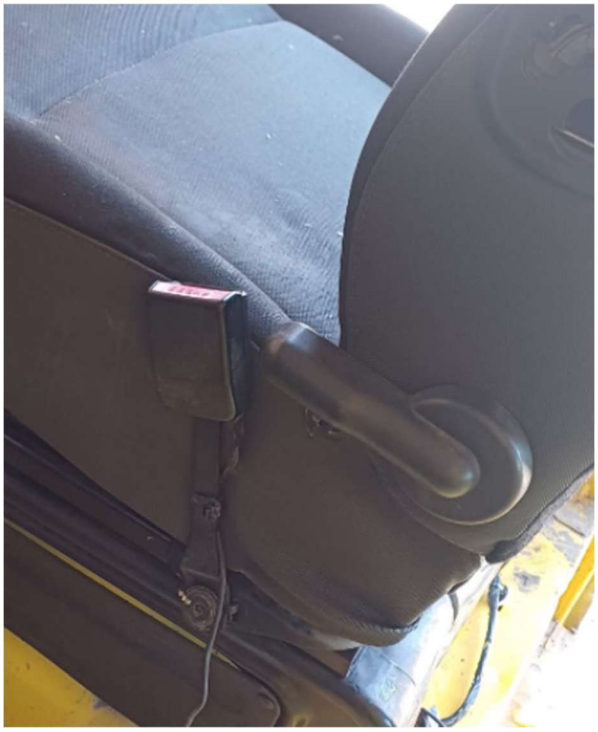


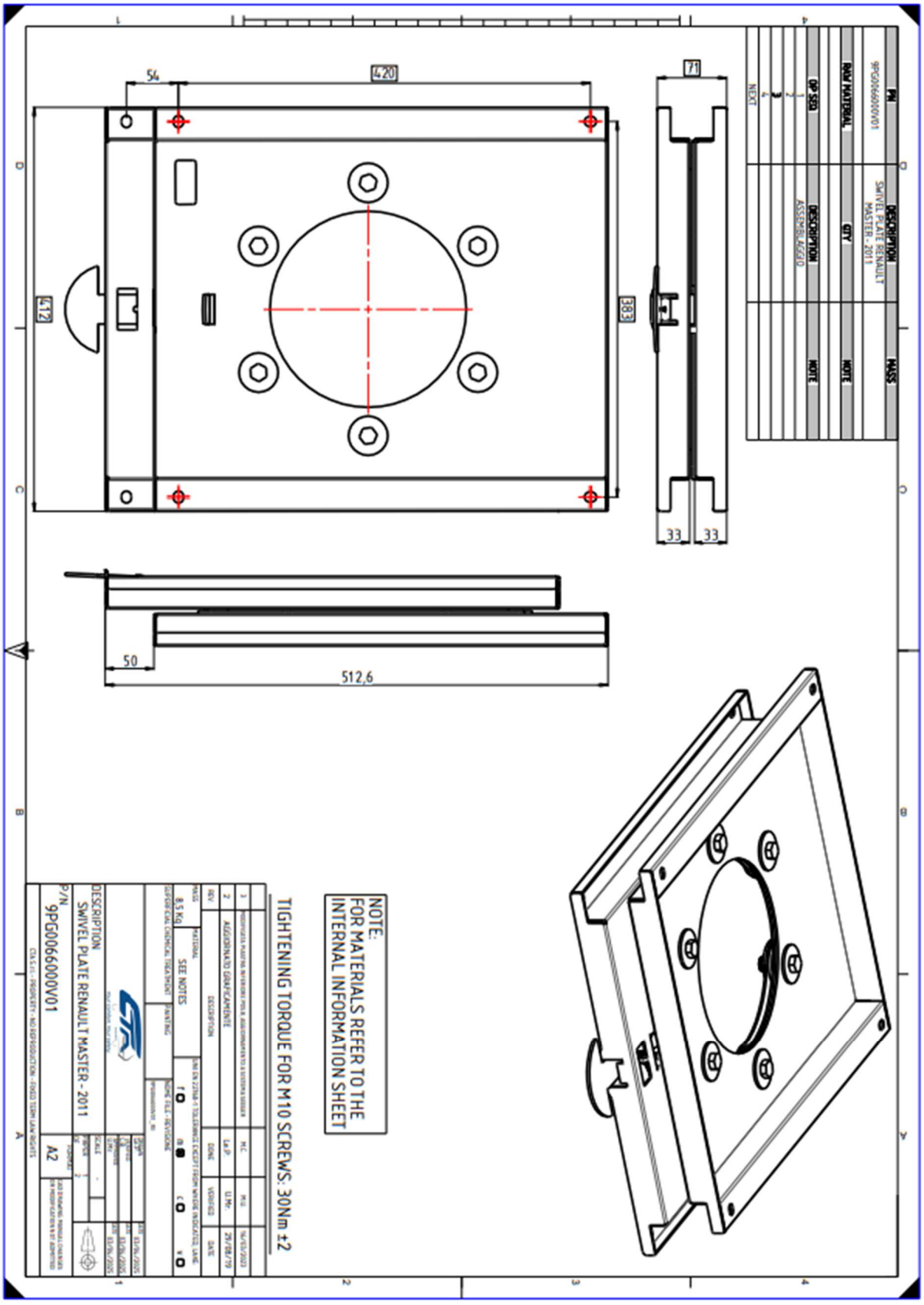


Your comfort. Your safety. since 1977	# ALLEGATO B ANNEX B	Scheda informativa **N°: 0001-2025** Information document: **N°: 0001-2025** Data/ date: 14/03/2025
Foto ancoraggi effettivi delle cinture di sicurezza sedile passeggero Photo actual seat belt anchorages passenger seat		Pagina 2/3 Page 2/3








54
420
71
412
383
33
33
50
512,6
NOTE:
FOR MATERIALS REFER TO THE
INTERNAL INFORMATION SHEET
TIGHTENING TORQUE FOR M10 SCREWS: 30Nm ±2
DESCRIPTION
SWIVEL PLATE RENAULT MASTER - 2011
P/N
9PG0066000V01
A2

VCA Europe S.r.l.
Point - Polo per l'Innovazione Tecnologica
Via Pasubio, 5
24044 Dalmine (BG)
Italy
enquiries@vca-europe.com |
europe.vehicle-certification-agency.gov.uk

Vehicle Certification Agency Europe

Report Number: VCAE022306-1
Issue: 0

Inspection/Test Report: Safety Belt Anchorages

Legislation

UNECE Regulation 14.09 to Supplement 2

Inspection/Test Details

Location of Inspection/Test:	C.T.A. Srl - Via Nicaragua, 4 00071 Pomezia (RM) - Italy
Date of Inspection/Test:	From 25 to 27.03.2025
VCA Representative(s):	Stefano Savarese
Inspectors Home Office Location:	VCA Europe
Manufacturer's Representative(s):	Marco Ubaldi, Andrea Transocchi, Luigi Pesce
Reason for Report:	New Approval

Manufacturer Details

Name and Address:	C.T.A. S.r.l. Via Nicaragua, 4 00071 Pomezia (RM) Italy
Type:	CTARM1-MFRENAULT/S
Commercial Description:	NA
Category:	M1, N1

Conclusion

The above-mentioned vehicle / engine / component was tested in accordance with the above mentioned legislation and was found to comply in all respects. This report relates only to the items tested.

Witness Engineer Signature:	*Insert si*	
Name:	Stefano Savarese	Marco Ramaglia
Position:	Senior Type Approval Engineer	Deputy of Technical Manager
Date:	11 April 2025	18/04/2025

List of Annexes

Annex	No of Pages	Subject
I	1	Set-up photos
II	7	Test results

VCA Europe S.r.l.
Point - Polo per l'Innovazione Tecnologica
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europe.vehicle-certification-agency.gov.uk

Vehicle Certification Agency Europe

Report Number: VCAE022306-1
Issue: 0

Issue Record

Issue 0 is original report

Note: Include reason for reissue, date of reissue, who has reissued.

Worst Case Rationale

Single specification: two swivel plates have been integrated into the Stage 1 seat structures for the two forward-facing seats in the first row.

This report covers also the supplement 3 of the Regulation, because this amendment does not modify the test method.

Note: Include information on variants and versions this report covers, as applicable. Supporting documents may be annexed to this report

Significant Interpretations, Alternative Test Methods, New Technologies

None

Inspection/Tests Required

	Yes, NA, See Report … / Approval … / Annex …
General Requirements:	Yes
Number and Location of Anchorages:	Yes
Anchorage Strength:	Yes

Vehicle Specification

Body Details:	Van (Renault Master)
Seat Details:	Row 1 with two seats
Cross-reference to vehicle R145 test report or approval (if applicable*):	NA

**Note: For ECWVTA, M1 vehicles using R14.08 or later must also be approved to R145 to cover the mandatory fitment of ISOFIX anchorages*

Manufacturer's Documentation

Manufacturer's documentation is complete and reflects the agreed specification for the vehicle / engine / component tested and covers all variants and versions agreed in the worst case rationale.	Yes
Information document uploaded to job folder and identified by job number.	Yes

Facility and Equipment Checks

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europe.vehicle-certification-agency.gov.uk

Vehicle Certification Agency Europe

Report Number: VCAE022306-1
Issue: 0

Facility Appraisal reference and date {OR} Facilities suitable	Facility suitable
Calibration certificates are traceable to national or international standards of measurement, where available:	Yes
Calibration certificates checked and valid, recorded in the following table:	Yes

Equipment (Decision rule)

Description	Make	Model	Serial number	Calibration due date
Dynamometer (load cell)	Metior	TRZ 5000	202107116	10.05.2025
Dynamometer (load cell)	Metior	TRZ 5000	202107114	10.05.2025
Dynamometer (load cell)	---	TRX	20020007	29.07.2025
Dynamometer (load cell)	Metior	TRZ 5000	202313151	30.07.2025
Wire position transducer	GEFRAN	GSFSMS1800HA20000X00	2343QC0016	21.06.2025
Wire position transducer	GEFRAN	GSFSMS1800HA20000X00	2343QC0018	21.06.2025

**Specify calibrated date + (interval) or calibration due date.*

Software used in Testing

Description	Make	Version
Data Collection	Omron	CX-Supervisor V3.2

Inspection/Test Requirements		Complies Yes / NA
General Requirements		
Ann 4	H-point and back angles are within tolerances.	Yes
5.2.1.	Anchorages for safety belts are designed, made and situated as to:	Yes
5.2.1.1.	- Enable the installation of a suitable safety belt. The belt anchorages of the front outboard positions are suitable for safety belts incorporating a retractor and pulley;	
5.2.1.2.	- Reduce to a minimum the risk of the belts slipping when worn correctly;	
5.2.1.3.	- Reduce to a minimum the risk of strap damage.	
Number and Location of Anchorages		
5.3.	Vehicle is fitted with at least the minimum number of anchorages for each seating position, as given in Annex 6 (reproduced below).	Yes

Vehicle Category	Forward facing seating positions				Rearward facing	Side facing
	Outboard		Centre			
	Front	Other	Front	Other		
M_1	3	3	3	3	2	-
$M_2 \leq 3.5$ tonnes	3	3	3	3	2	-
$M_2 > 3.5$ tonnes	3 ⊕	3 or 2 ⫫	3 or 2 ⫫	3 or 2 ⫫	2	-
M_3	3 ⊕	3 or 2 ⫫	3 or 2 ⫫	3 or 2 ⫫	2	2
N_1	3	3 or 2 Ø	3 or 2 *	2	2	-
N_2 & N_3	3	2	3 or 2 *	2	2	-

Key to symbols:

2: Two lower anchorages, which allow the installation of a safety-belt type B, or of safety-belts types Br, Br3, Br4m or Br4Nm, where required by UN Regulation No. 16, Annex 16.

3: Two lower anchorages and one upper anchorage which allow the installation of a three-point safety-belt type A, or of safety-belts types Ar, Ar4m or Ar4Nm, where required by the Consolidated Resolution on the Construction of Vehicles (R.E.3), Annex 13, Appendix 1.

Ø: Refers to paragraph 5.3.3. (Two anchorages permitted if a seat is inboard of a passageway)

**: Refers to paragraph 5.3.4. (Two anchorages permitted if the windscreen is outside reference zone)*

Refers to paragraph 5.3.5. (Two anchorages permitted if nothing is in the reference zone)

⊕: *Refers to paragraph 5.3.7. (Special provision for the upper deck of a vehicle)*

Row 1		Anchorage		Buckle Position
		Vehicle Structure	Seat Structure	
Driver's seat	Lower anchorage outboard	-	Ar	-
	Lower anchorage inboard	-	Ar	-
	Upper anchorage	Ar	-	-
Passenger's seat	Lower anchorage outboard	-	Ar	-
	Lower anchorage inboard	-	Ar	-
	Upper anchorage	Ar	-	-

Remarks:

None

Row 2: NA

Note: Complete tables using the following codes:
- *'A' for a three-point belt;*
- *'B' for lap belts;*
- *'S' or special-type belts; include details under 'Remarks';*
- *'Ar', 'Br' or 'Sr' for belts with retractors.*

In the case of side-facing seats, terms should be modified accordingly, e.g. 'forward' / 'rearward'.
** In the case of rear-facing seats, 'left' and 'right' are in relation to the vehicle, not the seated occupant.*

5.4.2.-5.4.3. Effective upper and lower anchorages are located as required. **Yes**

Note: Some critical measurements are recorded below. In addition to these, the centre planes of the seating positions must be correctly located with respect to the lower anchorages, and the upper anchorages must be correctly located laterally and longitudinally. In the case of M2 or M3 vehicles, the upper anchorage may be adjustable below the minimum height; if this allowance is used, details should be given in the remarks section at the end of this report."

A reduced dimension between effective lower anchorages of 240mm may be applied to the centre seat of M1/N1 vehicles where there are an odd number of seats in the row, and where that centre seat cannot be exchanged with any other seat.

Row	Position	Range of Angles for Effective Anchorage (°)		Range of Heights from H-point to Effective Upper Anchorage (mm)	Separation of Lower Anchorages (mm)
		Non-buckle	Buckle		
1	Driver	70	72	1518,2 ÷ 1632,7	378,4
	Passenger	As driver	As driver	As driver	As driver
2	Left	-	-	-	-
	Centre	-	-	-	-
	Right	-	-	-	-

Note: Table should be modified and/or extended, as necessary, to suit vehicle.

5.5.2.	All anchorages either: - Have a threaded hole of 7/16 inch (20 UNF 2B)* - ~~Are fitted with safety belts by the vehicle manufacturer~~* **Strikethrough, as appropriate.*	Yes
5.5.3.	It is possible to remove the safety belts without damaging the anchorages.	Yes

Anchorage Strength

Test Set-up

6.1.2.	Seats are set to the most adverse 'use position'. Details: Driver seat: belt lowest, seat highest and foremost Passenger seat: belt highest, seat lowest and rearmost	Yes
6.1.2.	Adjustable seat backs are locked, as specified by the manufacturer or, in the absence of any such specification, to 25° for vehicles of categories M_1 and N_1, and to 15° for vehicles of all other categories.	Yes
6.2.	Method used to secure vehicle is satisfactory and does not strengthen or stiffen structure around anchorages. *Note: Refer to paragraphs 6.2.1 to 6.2.3 in case of doubt.*	Yes
6.3.1.	All the belt anchorages of the same group of seats are tested simultaneously. *Note: If there is a risk that non-symmetrical loading of the seats and/or anchorages may lead to failures, an additional test may be carried out with non-symmetrical loading.*	Yes

6.3.2.	Tractive force is applied at an angle of 5 - 15° above the horizontal, in a plane parallel to the median longitudinal plane of the vehicle. This should be measured with a 10 % preload.	Yes
6.3.3.	Full application of the load is achieved as rapidly as possible and within a maximum load application time of 60 seconds.	Yes
6.3.4.	Traction devices are designed in accordance with Annex 5. No belt preload beyond the minimum necessary for correct positioning of the devices is introduced to safety belt anchorages.	Yes
6.3.4.	Traction device of either 254 mm or 406 mm used at each seating position is such that its width is closest to the lower anchorage separation.	Yes
6.3.4.	Positioning of the devices avoids any mutual influences during the test that adversely affect the load and load distribution. *For example, the lower traction device should not act as a 'block' restricting backrest forward movement.*	Yes
VCA & 7.1	Suitable means shall be provided to assess the maximum displacement of the anchorages **during** the test, including both the forward movement and height of the upper anchorage, and the separation of the lower anchorages.	Yes
	Test Loads	
6.4.	Loads applied are appropriate for the belt configuration and vehicle category, according to paragraphs 6.4.1 - 6.4.5.	Yes
6.4.6.	Rear-facing seats are tested using the forces prescribed for M_3/N_3 vehicles, regardless of the actual vehicle category	NA
6.4.7.	Side-facing seats in M_3 vehicles are tested according to the provisions of paragraphs 6.4.7 - 6.4.8. Details attached as Annex.	NA
6.5.	Dynamic test used as alternative to quasi-static tests below. Details attached as Annex.	NA

Test results – Row 1

6.4.4. Where seats have anchorages wholly/partially within their structure, the appropriate additional load is applied according to the vehicle category. — Yes

Method: Inertia force equal to 20 times the mass of the complete seat was applied to the seat centre of gravity.

Seat Position	Seat Mass (kg) [1]	Loading Point	Required Load (daN)	Actual Load Held for 0.2 s (daN)[2]	Ram Angles (°)[3]	
Driver	45	Torso	1350 + 450	1815	10 ± 5	Yes
		Lap	1350 + 450	1800	10 ± 5	
		Seat inertia[3]	-	-	~ 0[4]	
Passenger	45	Torso	1350 + 450	1802	10 ± 5	Yes
		Lap	1350 + 450	1795	10 ± 5	
		Seat inertia[3]	-	-	~ 0[4]	

Notes: [1] Where any anchorages are located on seat structure. | [2] Optional.
[3] Where separate ram used. | [4] 0 ± 5° recommended but not mandatory.

Time to load is maximum of 60 seconds: ~4 s
Time load held minimum of 0.2 seconds: >0,2 s — Yes

7.1. & 7.3. Remarks (condition of anchorages after test):
No failure occurred on seat belts anchorages after test

7.1. Dimensional requirements were maintained during the test (i.e. separation of lower anchorages, height of upper anchorage). — Yes

7.1.1. Forward displacement of the upper anchorages was not greater than allowed for the category of the vehicle. — Yes

Method of verification and measurements, where applicable:
NA

7.2. Seat displacement and locking systems were still operable to permit occupants of all seats to leave the vehicle, where applicable. — NA

Test Results – Row 2: NA

Remarks

Non note needed

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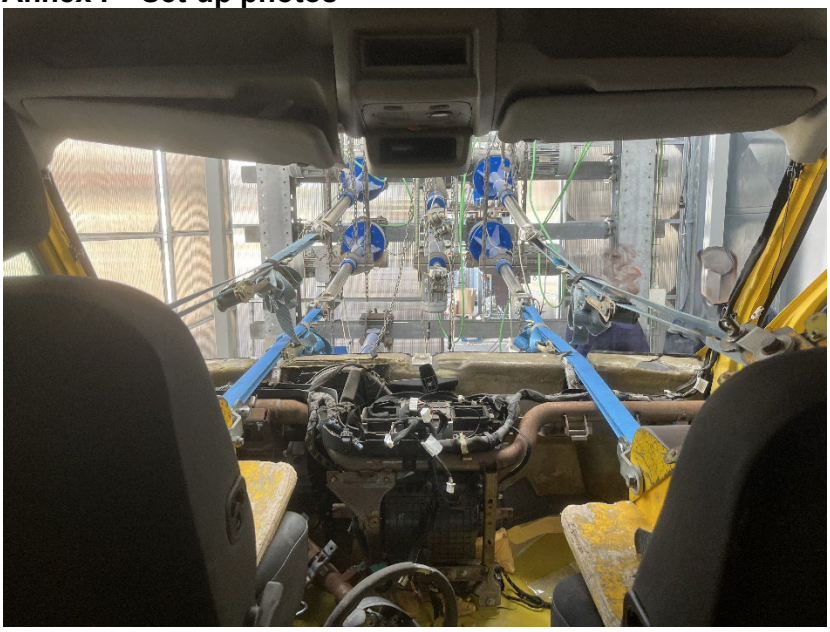
Vehicle Certification Agency Europe

Report Number: VCAE022306-1
Issue: 0

Annex I – Set-up photos



TYPE: CTARM1-MFRENAULT/S (RENAULT MASTER)

CLIENTE CTA srl ORDINE: CF250304

CATEGORIA TEST : ☑ M1/N1 ☐ M2/N2 DATA:26/03/2025 ORA:13:36:54 TEMPERATURA: 17

REG: 1334 CODICE: PG00660C IPOTESI: CTARM1- MFRENAUL KG: 45,00

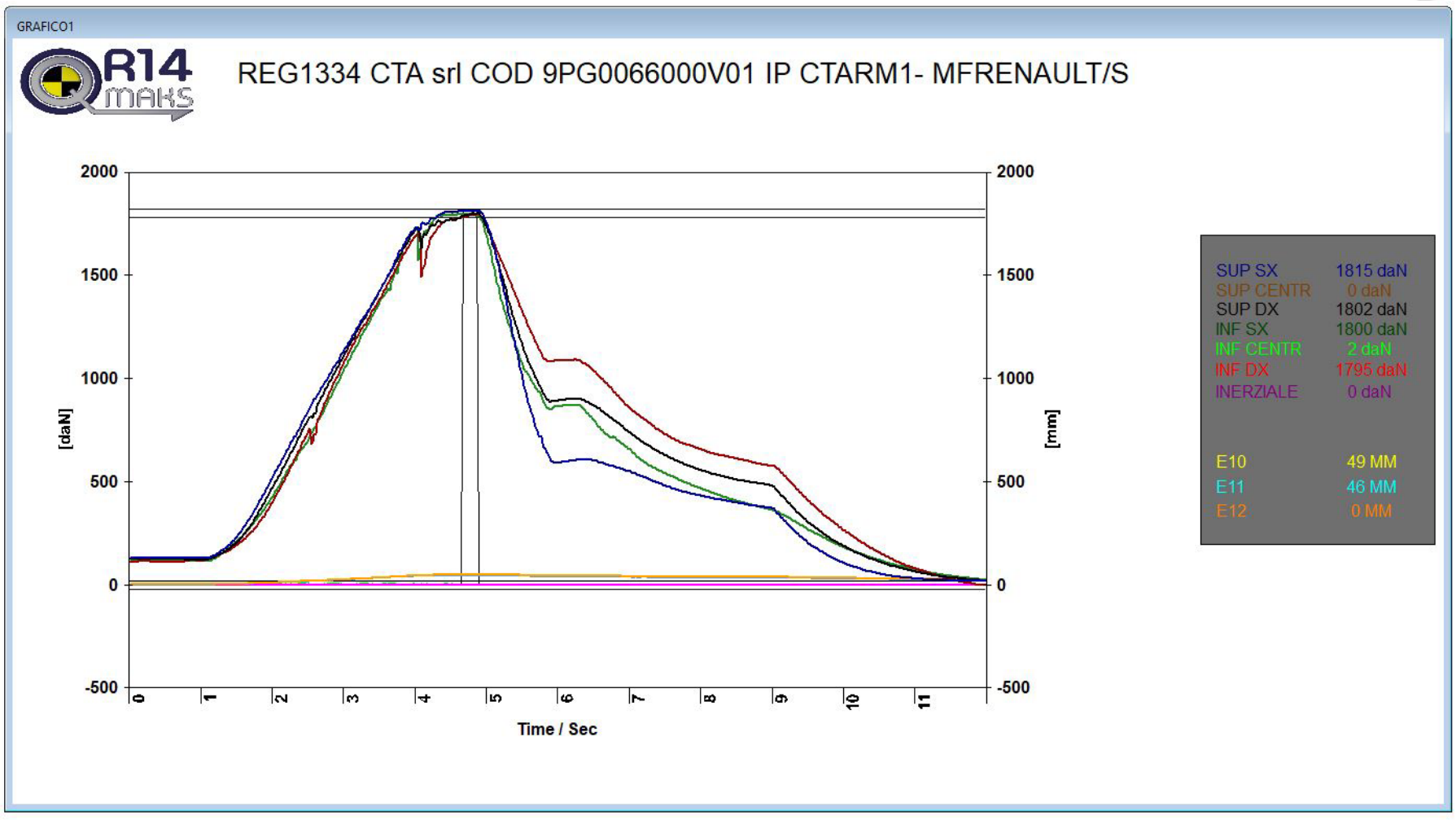
OPERATORE: TRANSOCCHI ANDREA FUNZIONARIO PRESENTE: SAVARESE STEFAN(AMMINISTRAZIONE: VCA europe

INCLINAZIONE ISOFIX 0° INCLINAZIONE TIRANTI 0° ALTEZZA STRUTTURA 0 MM

POSIZIONE	PROGRAMMATA	FORZA MAX RAGGIUNTA	POSIZIONE	PROGRAMMATA	FORZA MAX RAGGIUNTA	POSIZIONE	PROGRAMMATA	FORZA MAX RAGGIUNTA
SUP SX	1800 daN	1815 daN	SUP CENTR	0 daN	0 daN	SUP DX	1800 daN	1802 daN
INF SX	1800 daN	1800 daN	INF CENTR	0 daN	2 daN	INF DX	1800 daN	1795 daN
			INERZIALE	0 daN	0 daN			

DEFORMAZIONE

	AMMESSA:	PROGRAMMATA	RAGGIUNTA
E10 ESTENSIMETRO LINEARE	460 MM	500 MM	49 MM
E11 ESTENSIMETRO LINEARE	260 MM	400 MM	46 MM
E12 ESTENSIMETRO LINEARE	0 MM	0 MM	0 MM



- Dynamometer TRX5000 - 20020007 - Certificate no. 160-24
- Dynamometer TRZ5000 - 202107114- Certificate no. 85-24
- Dynamometer TRZ5000 - 202107116- Certificate no. 84-24
- Dynamometer TRZ5000 - 202313151- Certificate no. 161-24
- Wire position transducer GSFSMS1800HA2 0000X00- 2343QC0016- Z0154-24
- Wire position transducer GSFSMS1800HA2 0000X00- 2343QC0018- Z0155-24

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RENAULT MASTER

Driver seat photos before test	Driver seat photos after test
	

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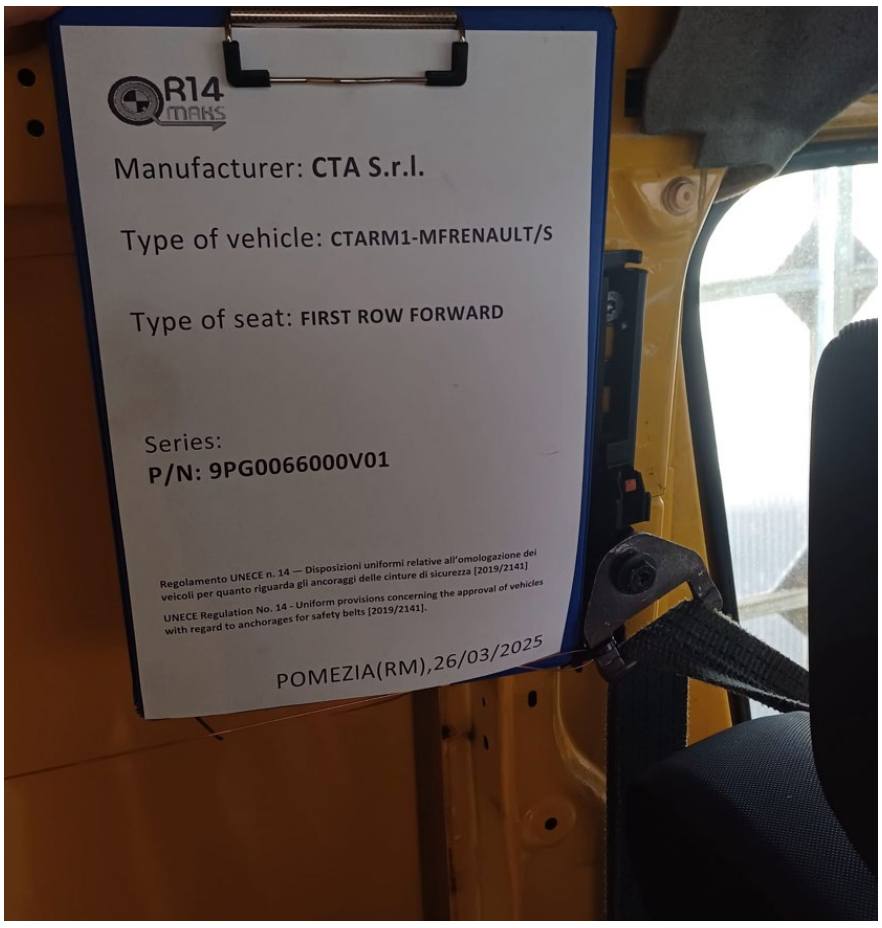

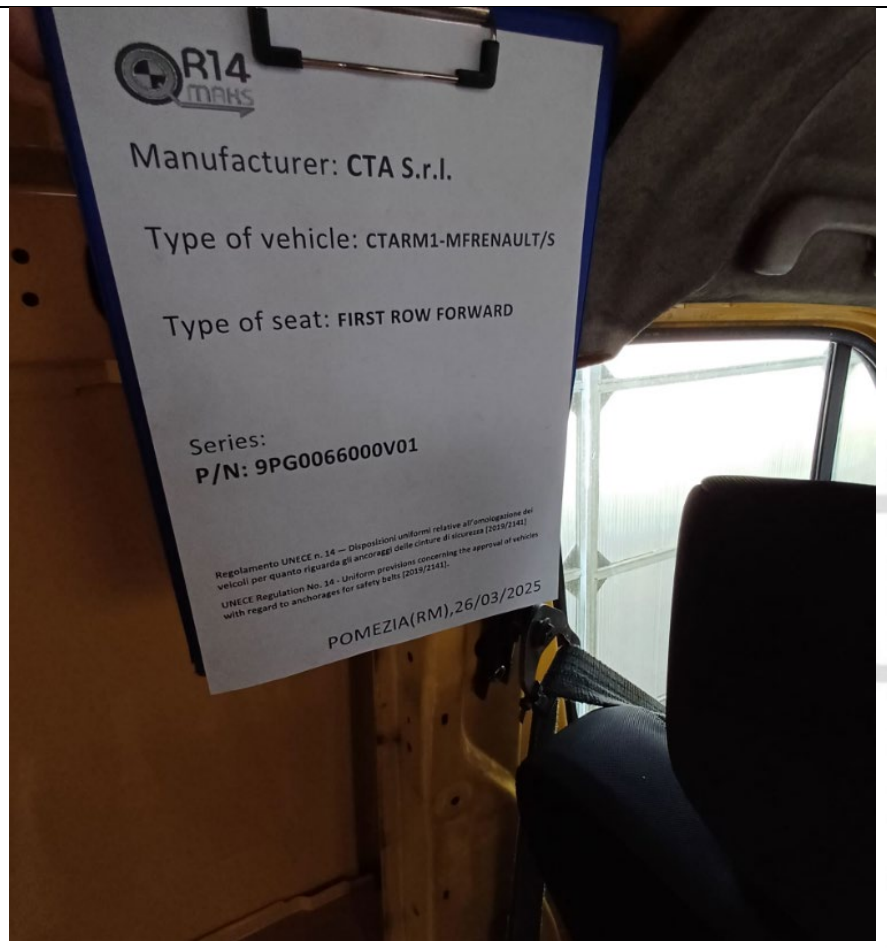

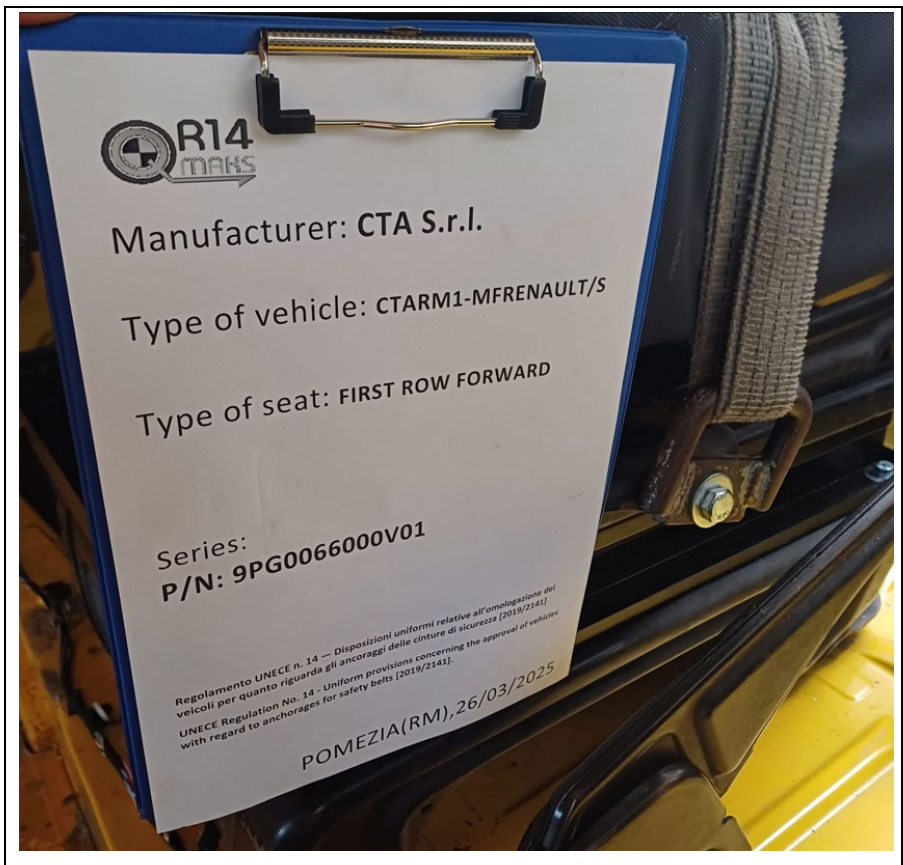

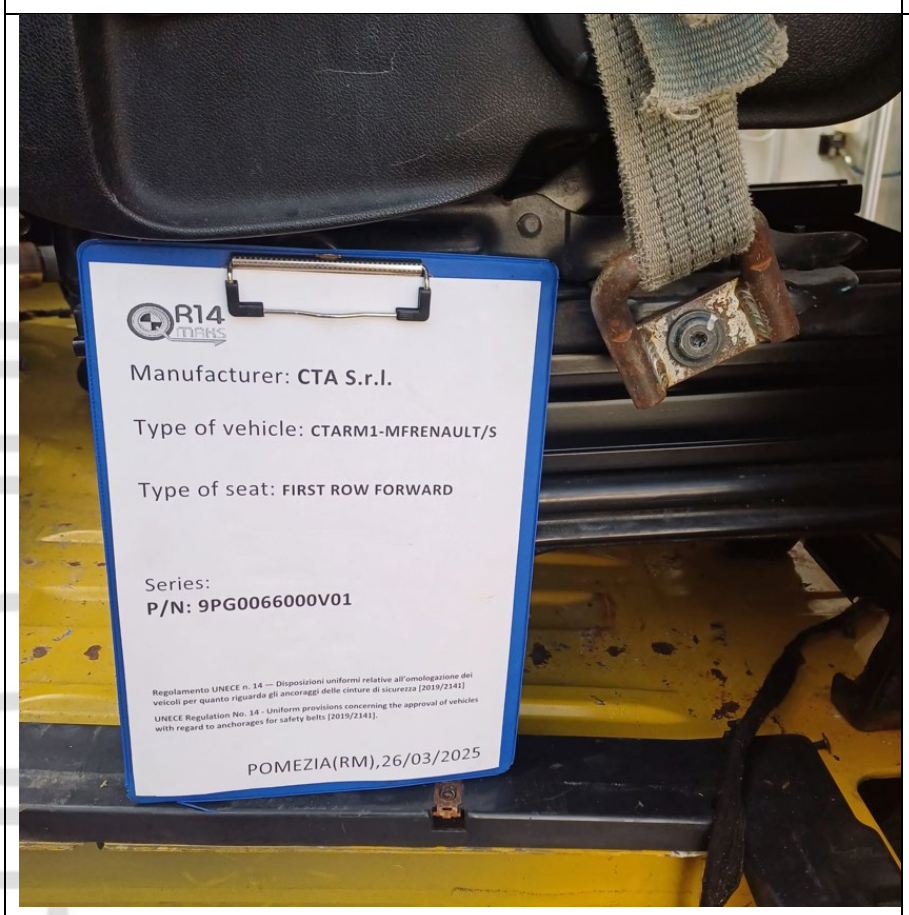

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Passenger seat photos before test	Passenger seat photos after test
	
	

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18-Apr-25

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