INFORMATION REDACTED PURSUANT TOTHE FREEDOM
OF INFORMATION ACT (FOIA), 5 U.S.C.552(B)(6)

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		Source segment	Target segment
		Page 1	Page 1
		Messprotokoll	Measurement log
		Seite	Page
		Auswerte Intervall	Evaluation interval
		Diva - Digitale Versuchsauswertung	Diva - Digital test evaluation
		Volkswagen AG – ISDATA GmbH	Volkswagen AG – ISDATA GmbH
		EKSE – DIVA	EKSE – DIVA
		Versuch	Test
		Versuchsart	Test type
		Frontalsimulation	Frontal simulation
		Datum	Date
		Versuchsingenieur	Test engineer
		EA-Nr.	EA no.
		V-Nr.	Test no.
		VW-V-Nr.	VW test no.
		Kennwort	Password
		Absicherungsversuche	Validation tests
		Versuchsobjekt	Test object
		Typ	Type
		Ident.-Nr.	ID no.
		Masse	Mass
		V-Null	V-Null
		Delta-v obj-winkel	Delta-v object angle
		Grad	Degree
		Versuchsbeschreibung	Test description
		Sollkurven-File	Target curve file
		Pos1	Position1
		Dummy	Dummy
		ZZPA	ZZPA
		ZZPG	ZZPG
		ZZP-KB	ZZP-KB
		ZZP-EBSS	ZZP-EBSS
		Kommentar zum Versuch	Comment on test
		Kommentar zur Messung	Comment on measurement
		Bemerkungen zum Versuch	Notes on test
		Bemerkungen zum Versuchsobjekt 1	Notes on test object 1
		Auswerteintervall	Evaluation interval

Einh.	Unit
CFC	CFC
Min	Min
t(min)	t(min)
Max	Max
3-ms-Wert	3-ms value
(kontinuierlich/kumuliert)	(continual/cumulative)
Messstellen für S:	Measurement points for S:
Schlitten vorn	Slide forward
T-Null	T-Null
Kopf	Head
Resultierende:	Results:
Head Injury Criterion:	Head Injury Criterion:
Hic	HIC
BrIC	BrIC
Page 2	Page 2
Hals oben	Neck up
EuroNCAP-Punkte (Scherung, positiv)	EuroNCAP points (shearing, positive)
Nackenkriterium (Nkm)	Neck criterion (Nkm)
Nfa=xxx bei xxx ms; Fint; Mint; Hebelarm	Nfa=xxx at xxx ms; Fint; Mint; Lever
Nea	Nea
Nfp	Nfp
Nep	Nep
NIC (front impact EuroNcap) für negative Scherkräfte	NIC (front impact EuroNcap) for negative shearing forces
NIC (front impact EuroNcap) für positive Scherkräfte	NIC (front impact EuroNcap) for positive shearing forces
NIC (front impact ECE) für negative Scherkräfte	NIC (front impact ECE) for negative shearing forces
NIC (front impact IIHS) für negative Scherkräfte	NIC (front impact IIHS) for negative shearing forces
Stauchung, positiv	Compression, positive
NIC (front impact EuroNcap) für Zugkräfte	NIC (front impact EuroNcap) for tensile forces
NIC (front impact ECE) für Druckkräfte	NIC (front impact ECE) for compressive forces
NIC (front impact ECE) für Zugkräfte	NIC (front impact ECE) for tensile forces
NIC (front impact IIHS) für Druckkräfte	NIC (front impact IIHS) for compressive forces
NIC (front impact IIHS) für Zugkräfte	NIC (front impact IIHS) for tensile forces
NIC (FMVSS) für Druckkräfte	NIC (FMVSS) for tensile forces
NIC (FMVSS) für Zugkräfte	NIC (FMVSS) for compressive forces
Normalized Neck Injury Criterion (Nij); NFC=xxx bei xxx ms; NTE; NCF; NCE	Normalized Neck Injury Criterion (Nij); NFC=xxx at xxx ms; NTE; NCF; NCE
mit den Kennwerten:	with parameters:

		Fzc, Myc, Hebelarm, Intervall	Fzc, Myc, Lever, Interval
		effektive Momente	Effective torques
		Brust	Chest
		Severity Index	Severity Index
		SAE	SAE
		ECE	ECE
		VC {ext, max, min}	VC {ext, max, min}
		Eindruckgeschwindigkeit {ext}	Velocity of compression {ext}
		IIHS Deflection Rate	IIHS Deflection Rate
		Page 3	Page 3
		Brustpolynomkalibrierung	Chest polynomial calibration
		Brustbein Mitte	Sternum center
		Becken	Pelvis
		Oberschenkel links	Femur left
		Druck, negativ	Pressure, negative
		Oberschenkel rechts	Femur right
		Gurt Schulter außen	Seatbelt shoulder outside
		Seatbelt Force Smooth	Seatbelt Force Smooth
		Gurt Becken außen	Seatbelt pelvis outside
		Gurtretraktor (Timer)	Belt retractor (timer)
		Gurtretraktor Kraftbegrenzer (Timer)	Belt retractor force limiter (timer)
		Endbeschlagsstraffer Beckengurt (Timer)	End fitting tightener lap belt (timer)
		Airbag 1. Stufe (Timer)	Airbag - first stage (timer)
		Ende.	End.
		Page 4	Page 4
		Kopfbeschleunigung SP 1 als Funktion der Zeit	Head acceleration SP 1 as a function of time
		Versuchstermin	Test date
		Kopfbeschleunigung [g]	Head acceleration [g]
		Resultierende [g]	Results [g]
		Zeit seit Aufprall [ms]	Time from impact [ms]
		HIC	HIC
		Kum	Cumulative
		Kon	Continual
		EXT	EXT
		CFC	CFC
		Page 5	Page 5
		Kopf-X SP 1:	Head-X SP 1:
		Beschleunigung Geschwindigkeit und Weg als Funktion der Zeit	Acceleration, velocity and path as a function of time

		Beschleunigung [g]	Acceleration [g]
		Geschwindigkeit [m/s]	Velocity [m/s]
		Page 6	Page 6
		Kopfbeschleunigung SP 1 über Kopfvorverlagerung	Head acceleration SP 1 over forward head displacement
		Weg aus (xxx - yyy) [mm]	Path from (xxx - yyy) [mm]
		Page 7	Page 7
		Kopfvorverlagerung:	Forward head displacement:
		Beschleunigung, Geschwindigkeit und Weg	Acceleration, velocity and path
		Beschleunigung der Kopfvorverlagerung	Acceleration of the forward head displacement
		Weg [mm]	Path [mm]
		Page 8	Page 8
		Halskraft SP 1 R als Funktion der Zeit	Neck force SP 1 R as a function of time
		Hals oben Res(X;Y;Z)	Neck up Res(X;Y;Z)
		Kraft [kN]	Force [kN]
		Page 9	Page 9
		Halskraft SP 1 *<716>*X*</716>* als Funktion der Zeit	Neck force SP 1 X as a function of time
		Page 10	Page 10
		Halskraft SP 1 *<728>*Y*</728>* als Funktion der Zeit	Neck force SP 1 Y as a function of time
		Page 11	Page 11
		Halskraft SP 1 *<740>*Z*</740>* als Funktion der Zeit	Neck force SP 1 Z as a function of time
		Page 12	Page 12
		Halsmoment SP 1 R über der Zeit	Neck torque SP 1 R over time
		Moment [Nm]	Torque [Nm]
		Page 16	Page 16
		NIC-Berechnung SP 1 Frontalaufprall nach EuroNCAP	NIC calculation SP 1 frontal impact in acc. with EuroNCAP
		Scherkraft [kN]	Shearing force [kN]
		Zugkraft [kN]	Tensile force [kN]
		Belastungsdauer [ms]	Duration of load [ms]
		Page 17	Page 17
		Effektives Halsmoment SP 1 als Funktion der Zeit	Effective neck torque SP 1 as a function of time
		Halskraft X [kN]	Neck force X [kN]
		Effekt. Moment [Nm]	Effective torque [Nm]
		Page 18	Page 18
		Nij Berechnung SP 1	Nij calculation SP 1
		Ntf	Ntf
		Nte	Nte
		Ncf	Ncf
		Nce	Nce

Page 19	Page 19
(Anteile)	(portions)
Dummytyp	Dummy type
Nij-Verlauf	Nij progression
Anteil am Nij-Wert	Portion of Nij value
Totales Moment Y [Nm]	Total torque Y [Nm]
Nackenkraft Z [kN]	Neck force Z [kN]
Page 20	Page 20
Brustbeschleunigung SP 1 als Funktion der Zeit	Chest acceleration SP 1 as a function of time
Brust	Chest
Brustbeschleunigung [g]	Chest acceleration [g]
Page 21	Page 21
Brusteindrückung SP 1 als Funktion der Zeit	Chest compression SP 1 as a function of time
Brusteindrückung [mm]	Chest compression [mm]
Page 22	Page 22
Brustbeschleunigung SP 1 über Brustvorverlagerung	Chest acceleration SP 1 over forward chest displacement
Page 23	Page 23
Brustvorverlagerung SP 1:	Forward chest displacement SP 1:
Beschleunigung, Geschwindigkeit und Weg	Acceleration, velocity and path
Beschleunigung der Brustvorverlagerung	Acceleration of the forward chest displacement
Weg [mm]	Path [mm]
Page 25	Page 25
Viskosität SP 1 frontal (ECE)	Viscosity SP 1 frontal (ECE)
Brusteindrückgeschwindigkeit [m/s]	Chest compression velocity [m/s]
Brustkompression [1]	Chest compression [1]
Viskosität [m/s]	Viscosity [m/s]
Page 27	Page 27
Beckenbeschleunigung SP 1 als Funktion der Zeit	Pelvis acceleration SP 1 as a function of time
Beckenbeschleunigung [g]	Pelvis acceleration [g]
Page 28	Page 28
Beckenbeschleunigung SP 1 über Beckenvorverlagerung	Pelvis acceleration SP 1 over forward pelvis displacement
Becken	Pelvis
Page 29	Page 29
Beckenvorverlagerung:	Forward pelvis displacement:
Beschleunigung, Geschwindigkeit und Weg	Acceleration, velocity and path
Beschleunigung der Beckenvorverlagerung	Acceleration of forward pelvis displacement
Page 30	Page 30
Oberschenkelkräfte SP 1 als Funktion der Zeit	Femur forces SP 1 as a function of time

		Oberschenkel links	Femur left
		Oberschenkelkraft links [kN]	Femur left [kN]
		Oberschenkelkraft rechts [kN]	Femur right [kN]
		Page 31	Page 31
		Gurtkraft SP 1 als Funktion der Zeit	Seatbelt force SP 1 as a function of time
		Gurtkräfte Schulter [kN]	Seatbelt forces - shoulder [kN]
		Gurtkräfte Becken [kN]	Seatbelt forces - pelvis [kN]
		Page 32	Page 32
		Schlittenbeschleunigung, Geschwindigkeit und Weg aus Funktion der Zeit (ohne Anfangsgeschwindigkeit)	Slide acceleration, velocity and path as a function of time (without initial velocity)
		Page 33	Page 33
		(mit V-Null)	(with V-Null)
		Page 34	Page 34
		(mit Delta-V)	(with Delta-V)
		Page 35	Page 35
		Kontaktzustand	Contact condition
		Page 39	Page 39
		Beschleunigung als Funktion der Zeit	Acceleration as a function of time
		Page 40	Page 40
		Sonstige Messstelle über der Zeit	Other measurement point over time
		elektr. Stromstärke [mA]	Strength of electrical current [mA]
		Page 41	Page 41
		Ereignis [1]	Event [1]
		Page 42	Page 42
		Brust Res(X;Y;Z)	Chest Res(X;Y;Z)
		Winkelgeschwindigkeit [Grad/s]	Angular velocity [degree/s]
		Page 47	Page 47
		Kopf Res(X;Y;Z)	Head Res(X;Y;Z)

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VWAG
5NN 857 756 A MNB
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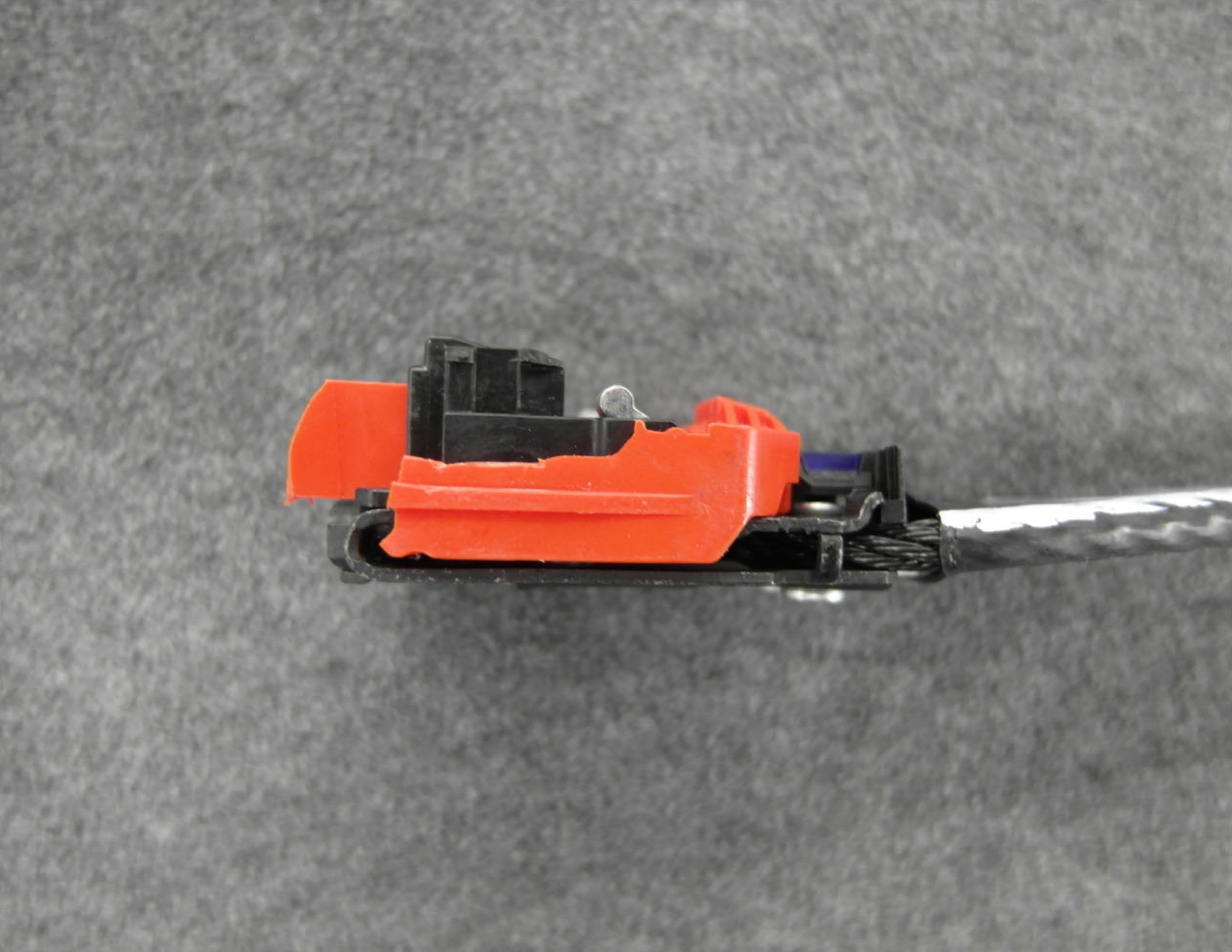

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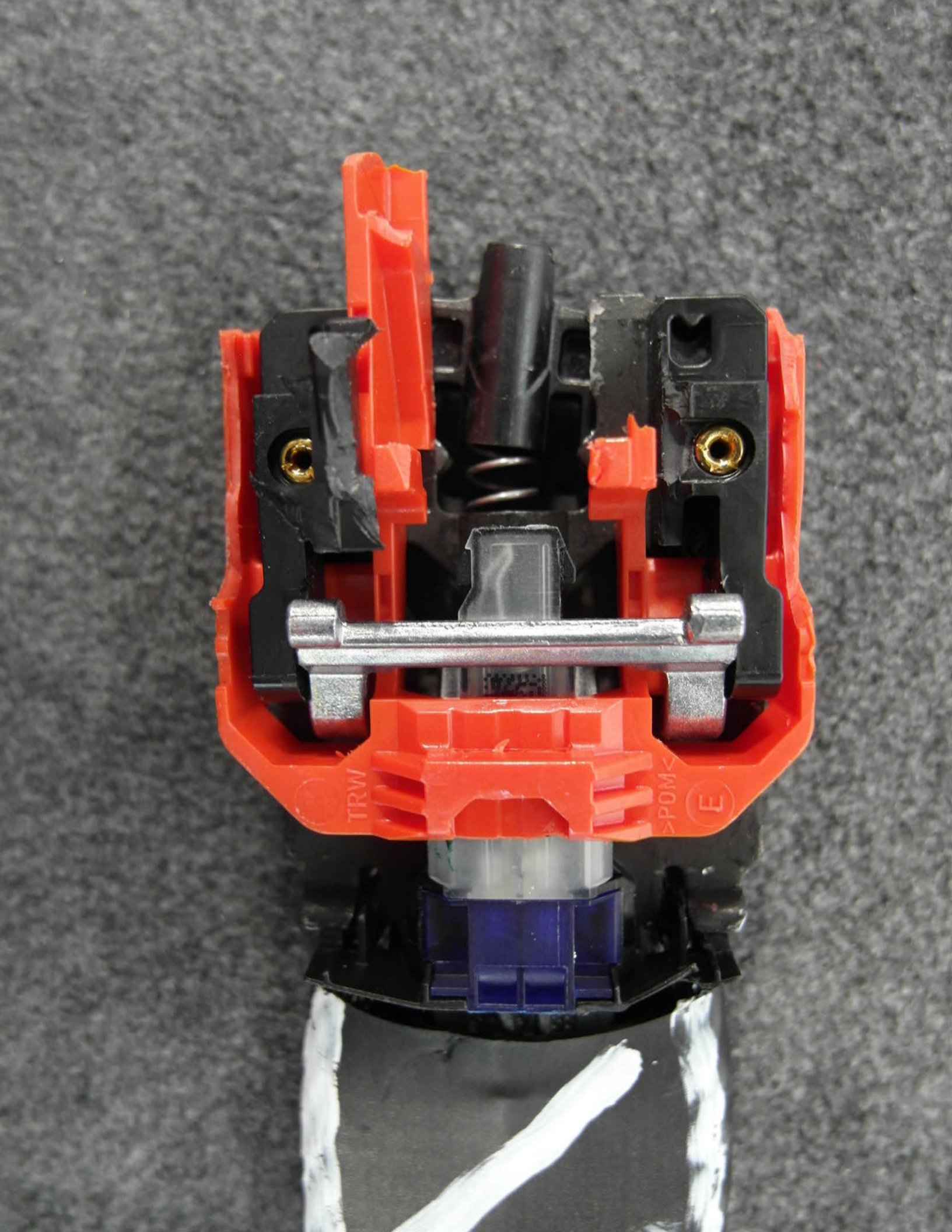
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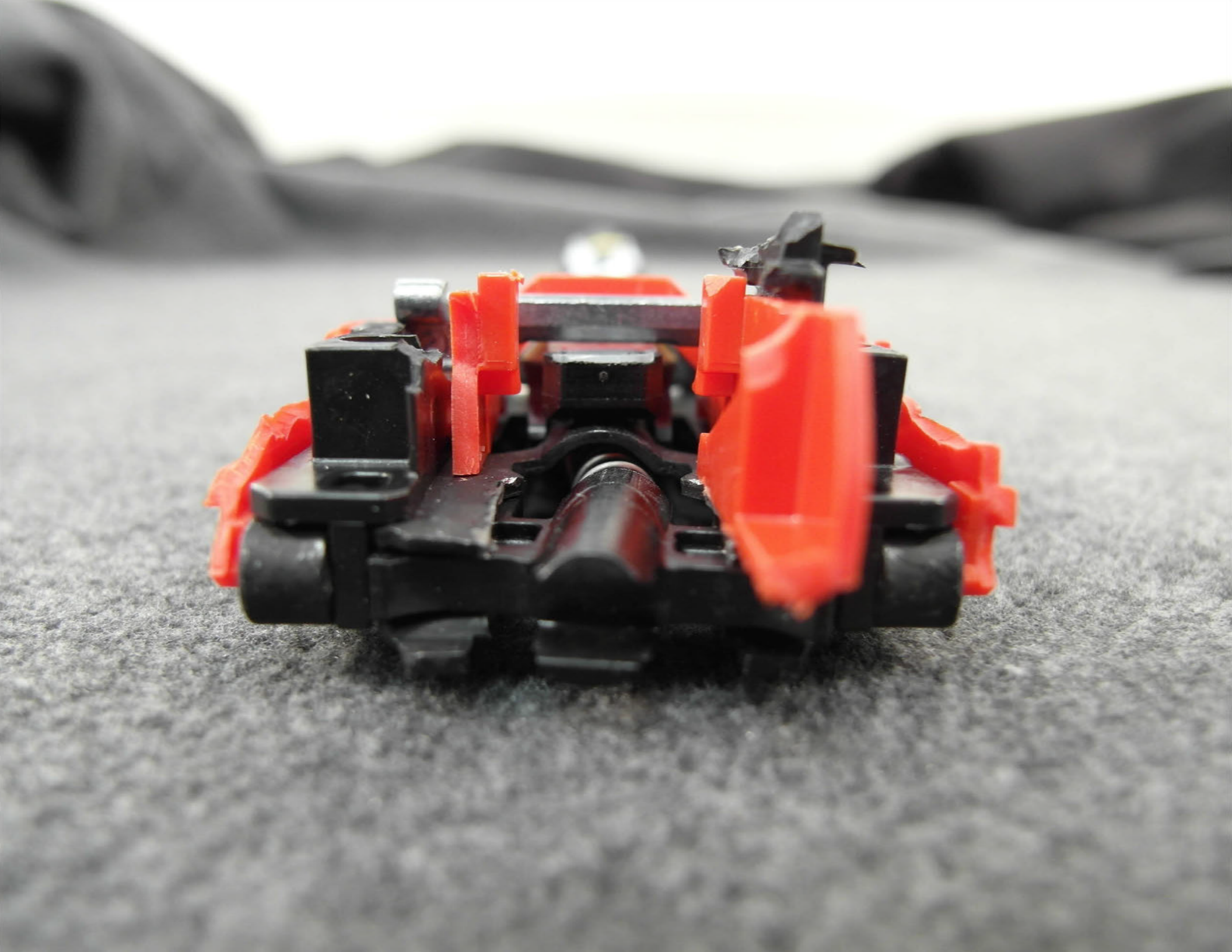

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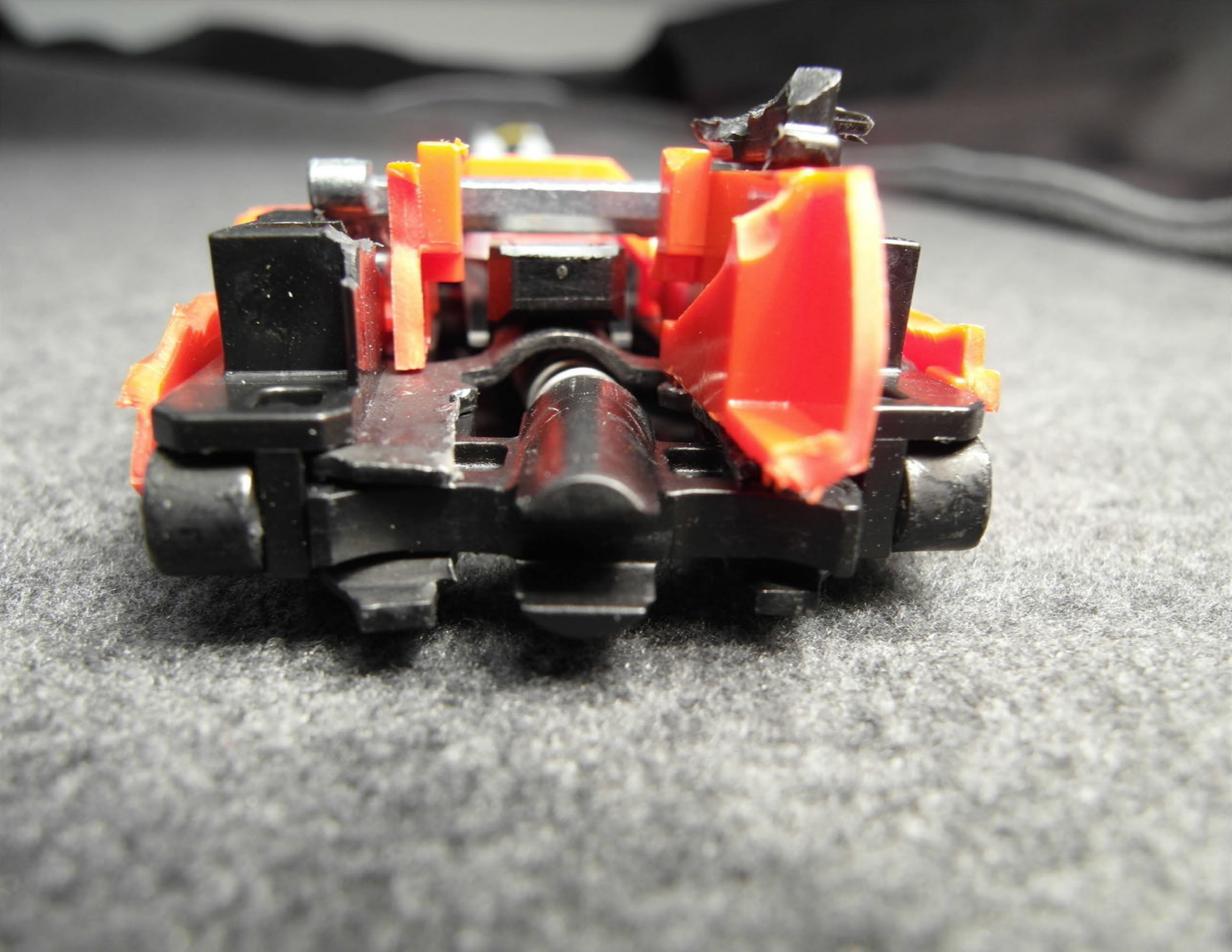

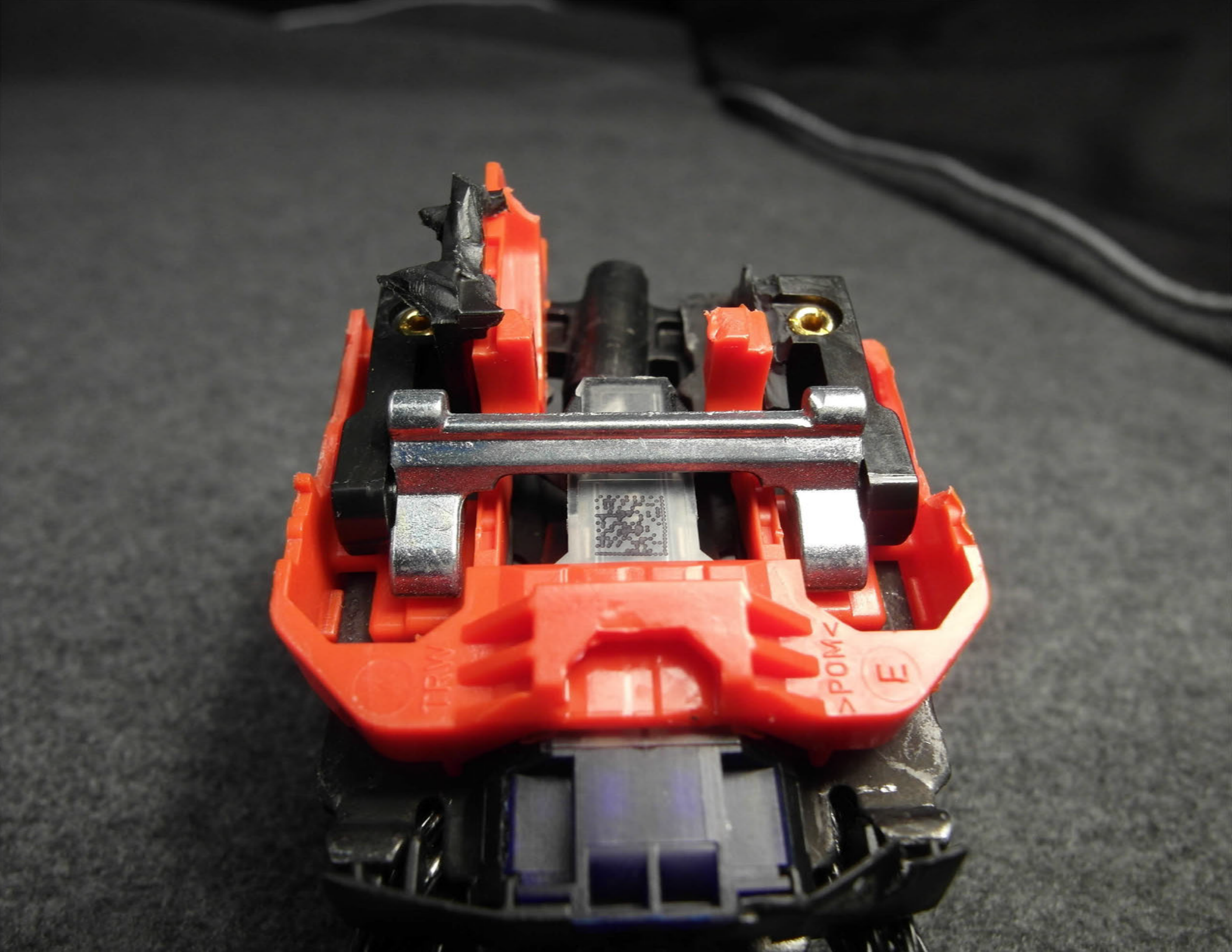
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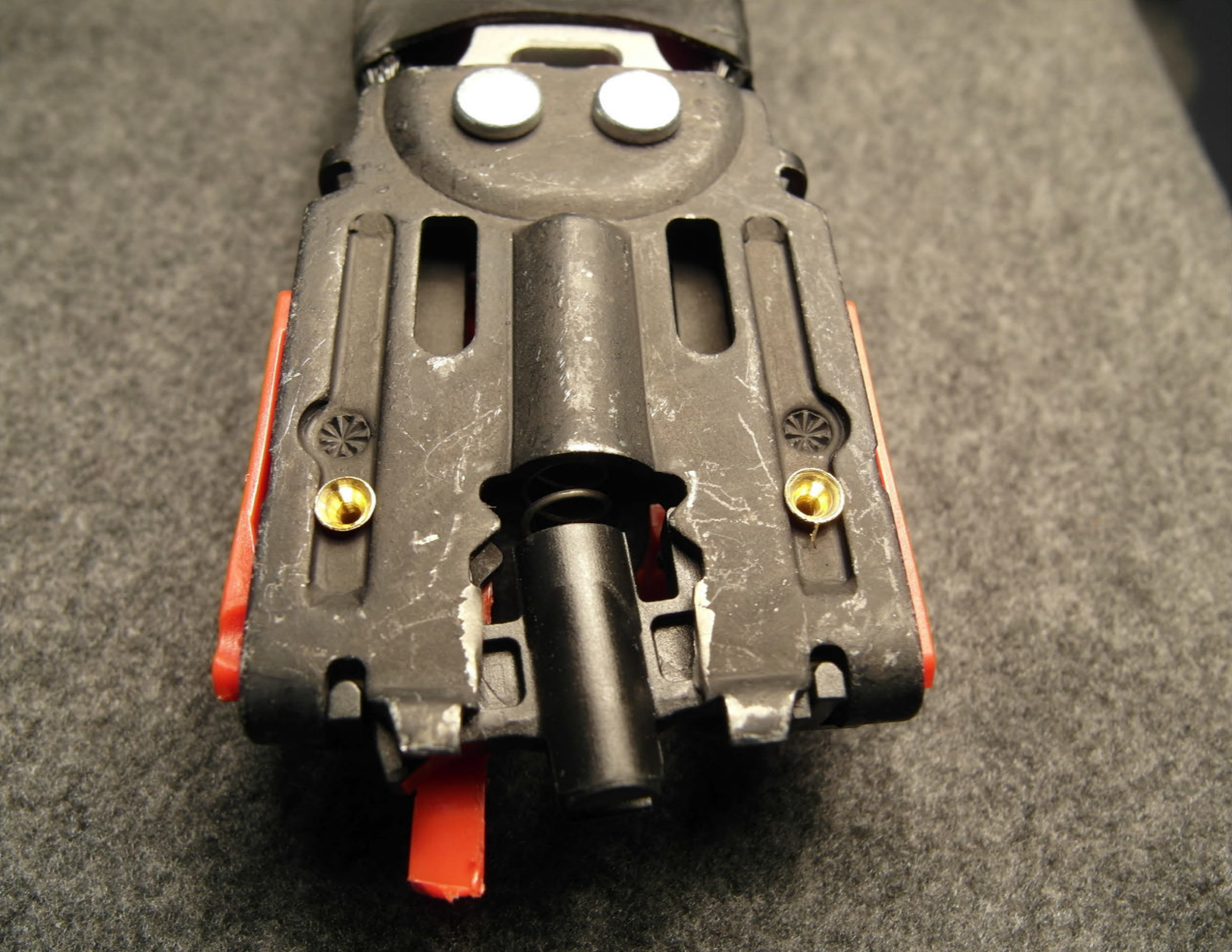

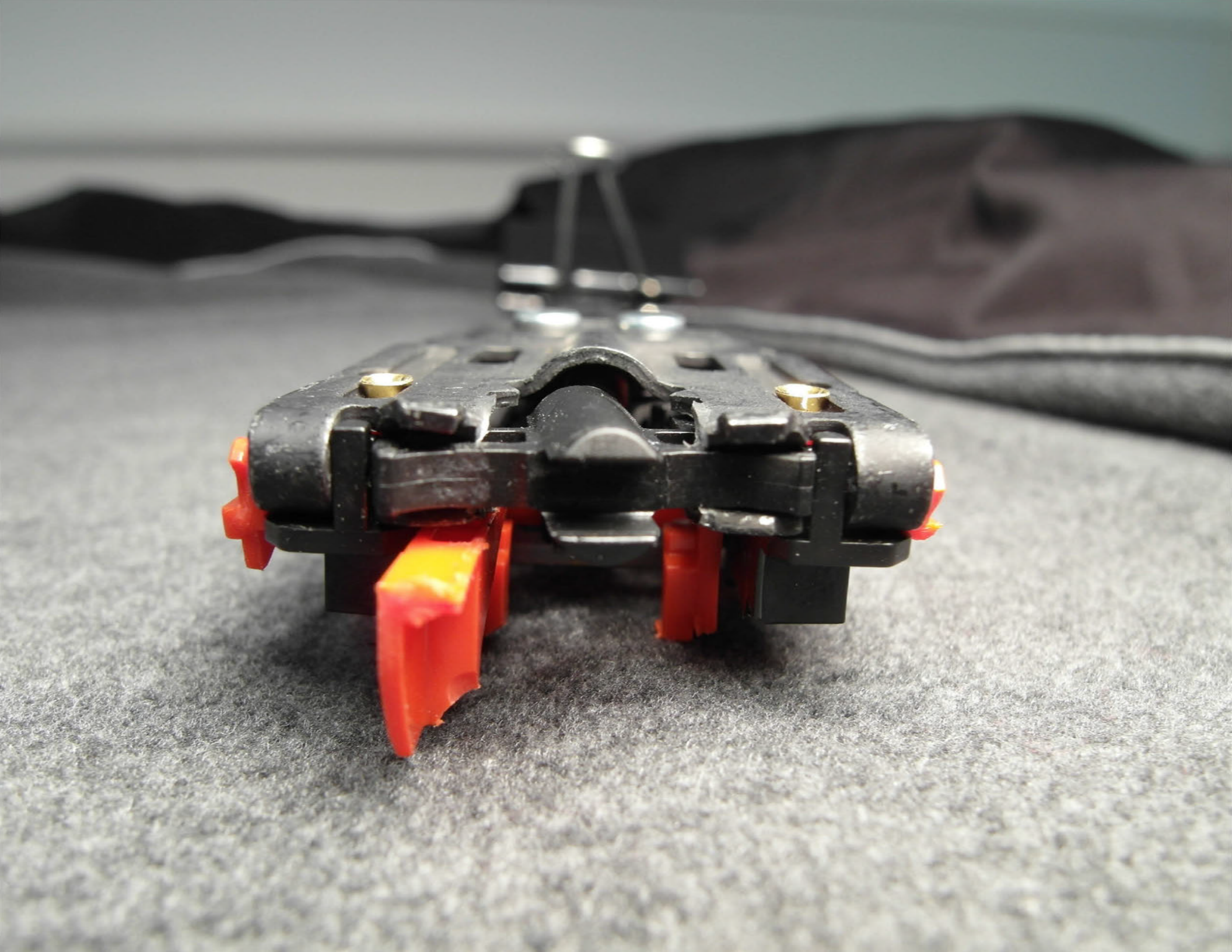

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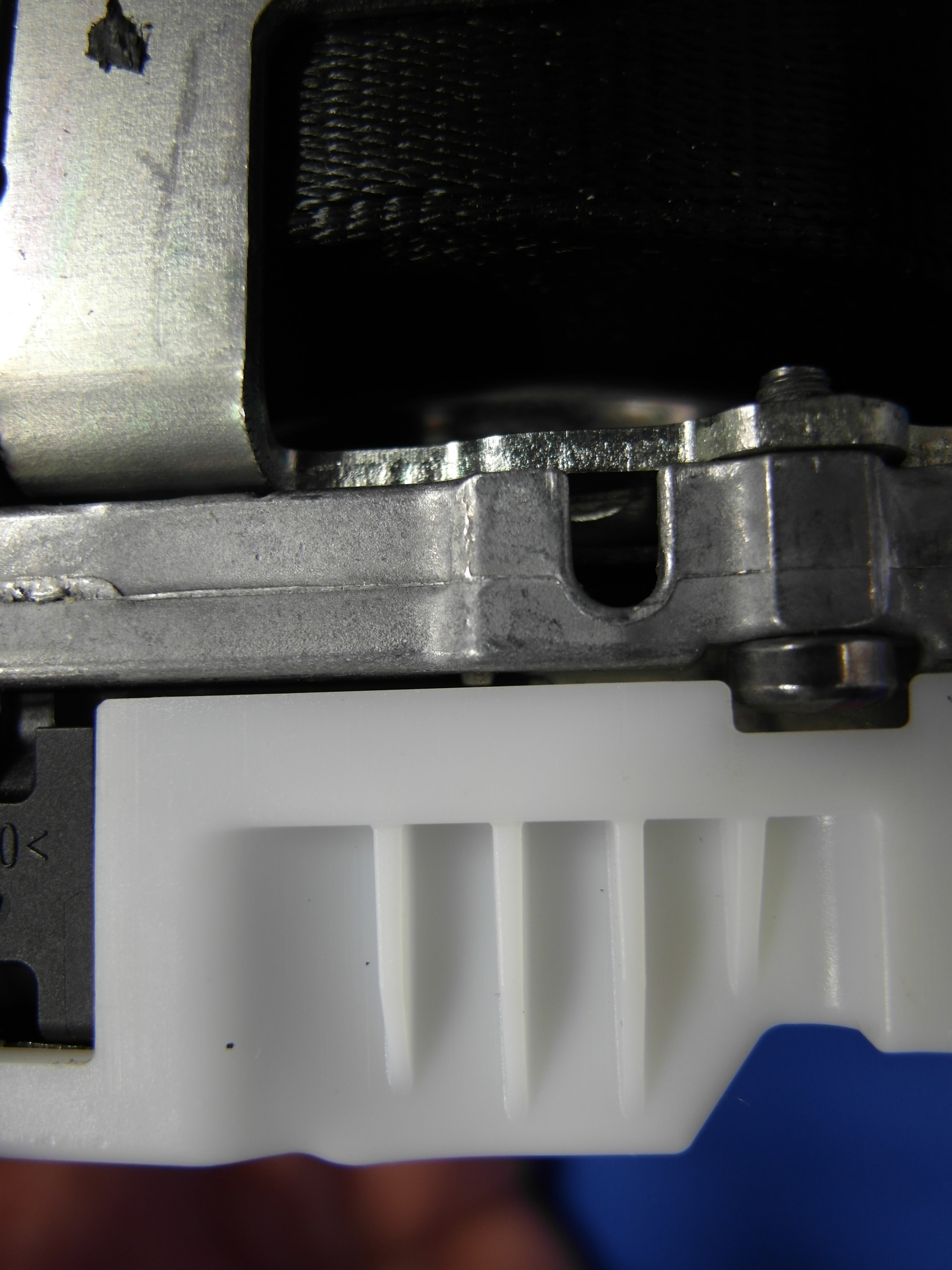

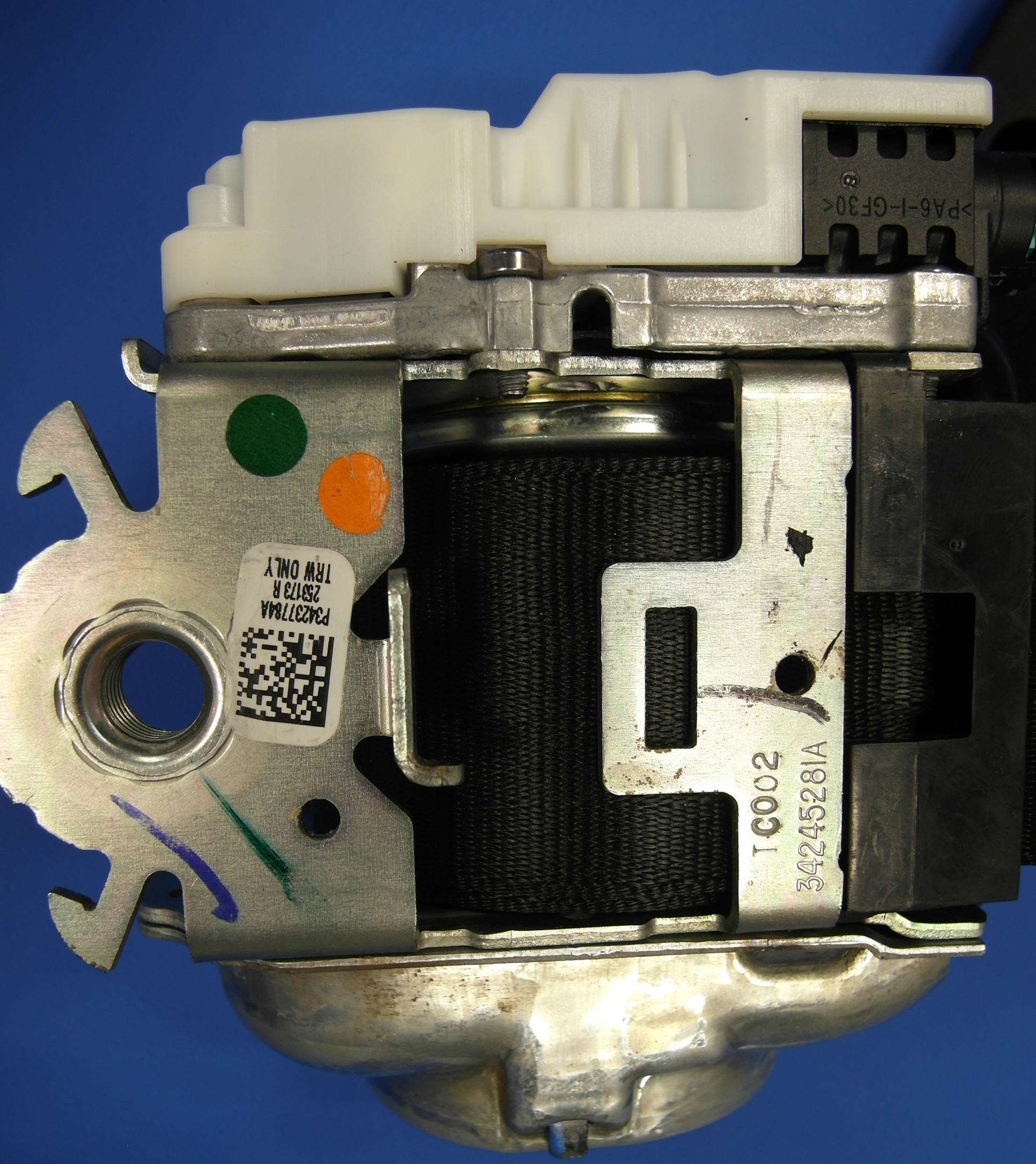
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210 YVW1000MHUA 5NN 857 706 RAA

Mod. H18-03

MADE IN MEXICO

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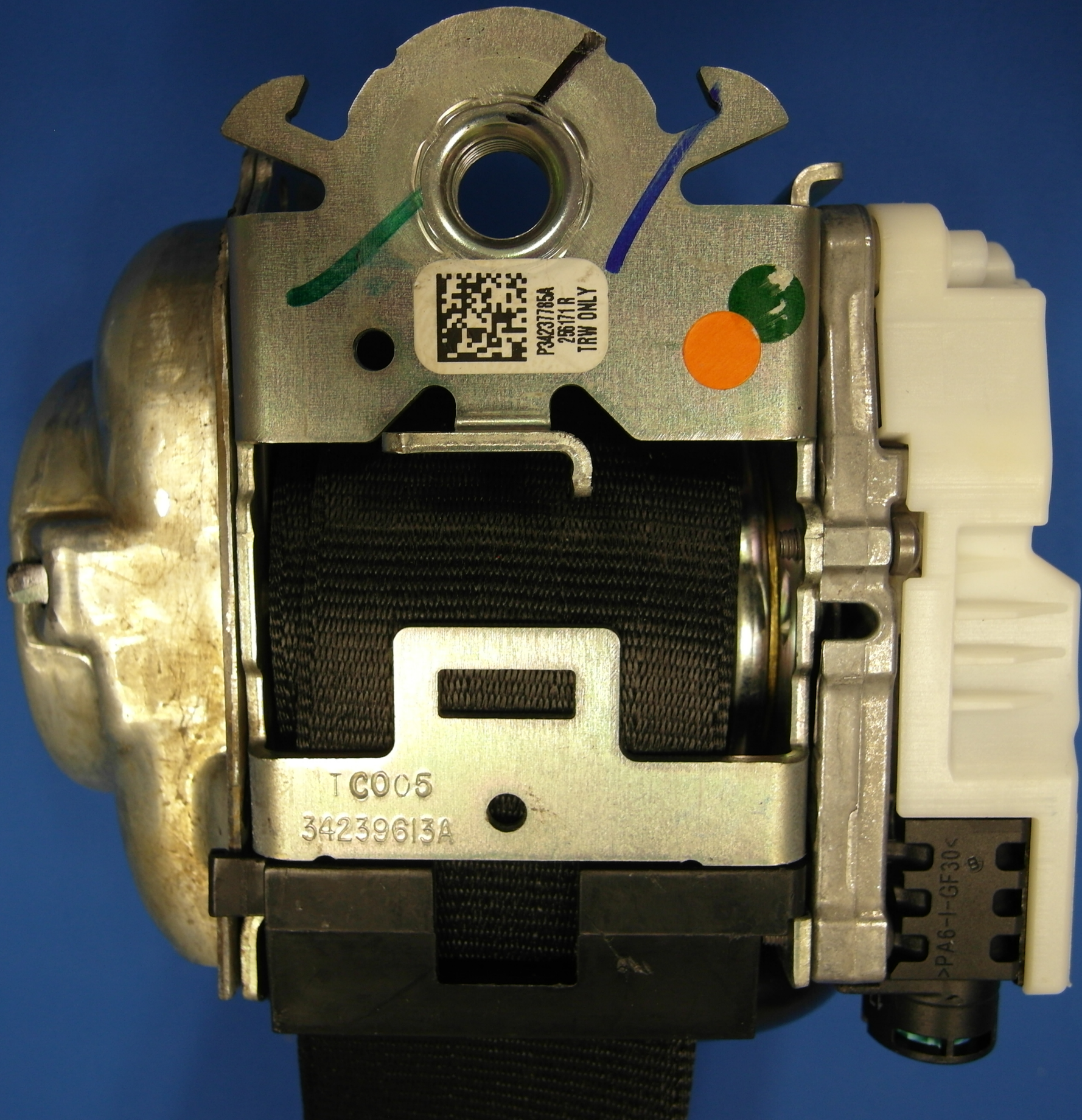
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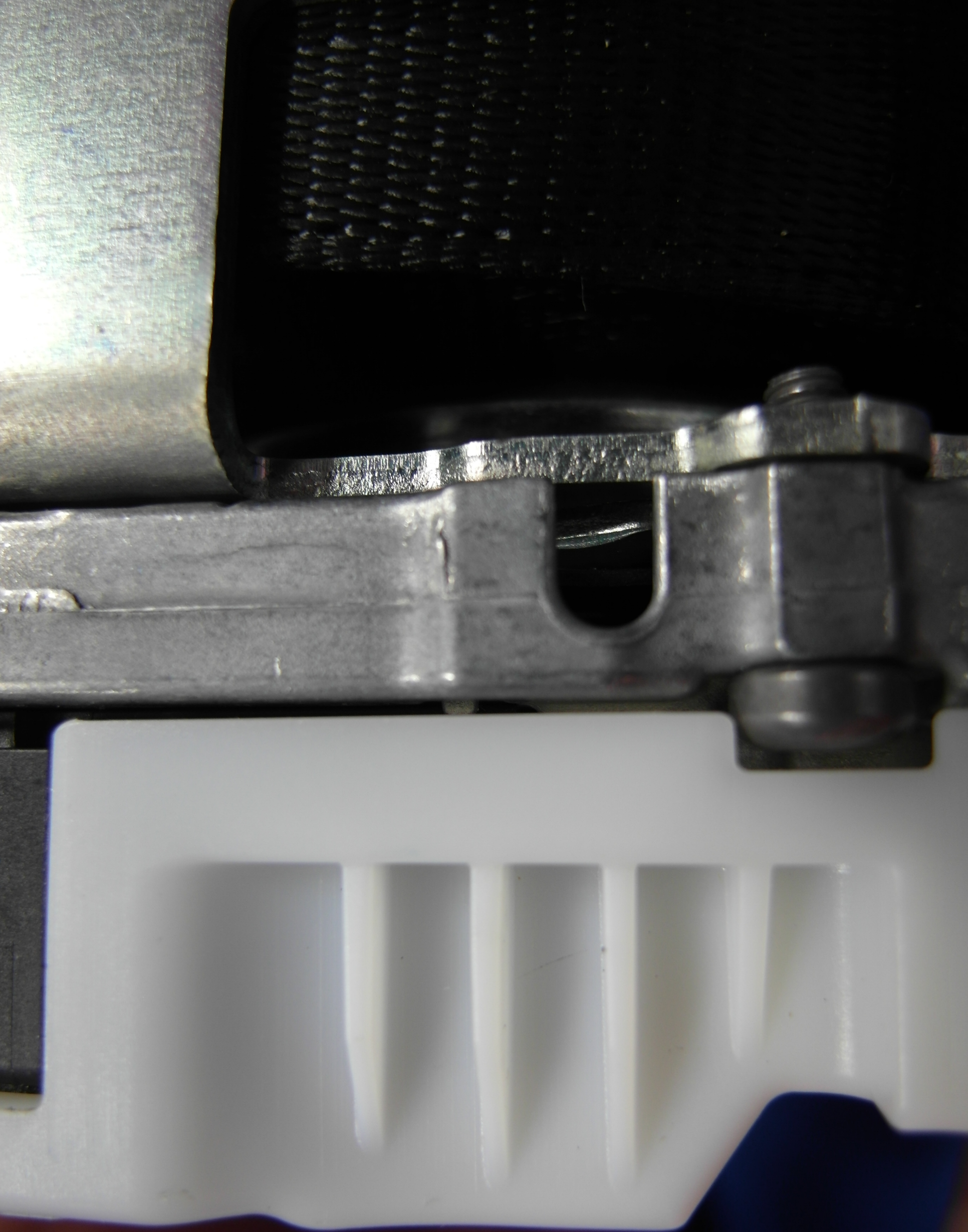



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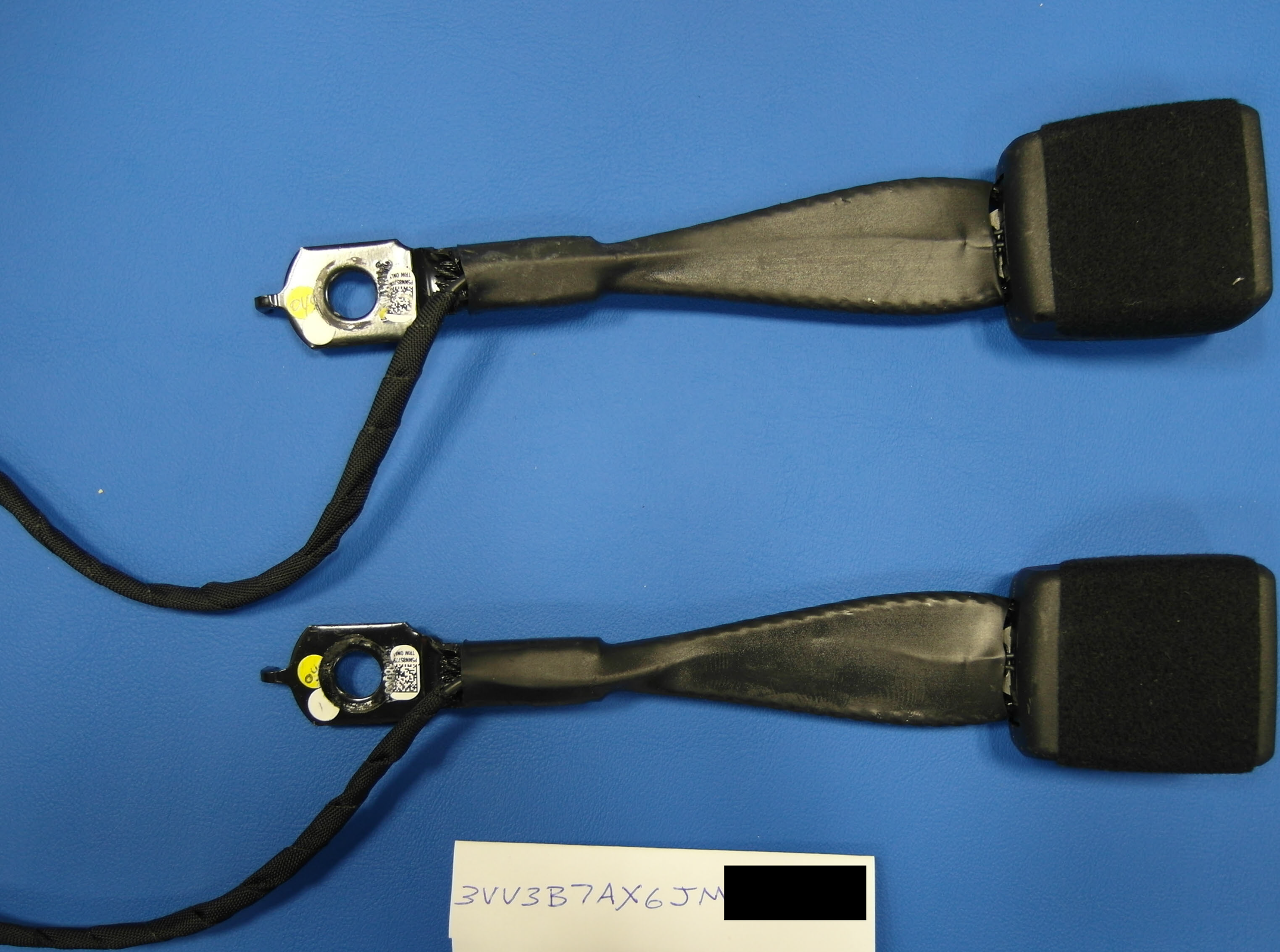

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Car Group PC Volkswagen

Port Charlotte FL

Internal / Service Contract / Warranty Invoice

[redacted]nternal

Sold To
Port Charlotte Honda VW
1252 Tamiami Trail
Port Charlotte, FL 33953

Phone (H):
Phone (W):
Cell Phone:
Email Addr

A/R Number:
Customer Number:
PO Number:
Auth Number:

Service Writer: Amy Updike
Estimate Amount: $
Terms & Conditions:
Type of Sale: Internal

Invoice Number
[redacted]

Printed: 01/11/2018 9:00 AM
Copy # 0
Date Opened: 01/10/18
Date Notified:
Date Delivered:
Date Complete:

Year/Make/Model: 2018 Volkswagen tiguan
VIN: 3VV3B7AX6 JM[redacted]
License Number:
Color: Platinum Gray Metallic
Stock Number: 14540
Tag Number: [redacted]
Mileage In: 11
Mileage Out: 0

Customer Signature

DESCRIPTION	HRS or QTY	LIST or LABOR	EXT TOTAL	GRAND TOTAL
1. Customer statement of problem — SvcWtr: Amy Updike — Job Added: 01/10/18 10:37 AM				
I/ Customer Request Body Trim Repair - Per VW (see attached email) - remove and replace both front seatbelts (retractor side and buckle side)				
1 -- Cause / Action to Take				
Repair				
1 -- Correction / Action Taken				0.00
Iop Part Number Failed Description				
1 5NN857705 RAA SEAT BELT	1	308.00	308.00	
1 5NN857706 RAA SEAT BELT	1	308.00	308.00	
1 5NN857756A MNB BUCKLE	2	80.00	160.00	
Sub Total Parts				776.00
SubTotal Job # 1				**776.00**
Miscellaneous Charges and Deductions For All Jobs			0.00	39.78
Environmental/shop supplies:				

Payment Notes

Internal		Service Contract		Warranty		Customer Pay	
Description	Retail	Description	Retail	Description	Retail	Description	Retail
Labor	0.00	Labor	0.00	Labor	0.00	Labor	0.00
Parts	776.00	Parts	0.00	Parts	0.00	Parts	0.00
Sublet	0.00	Sublet	0.00	Sublet	0.00	Sublet	0.00
Freight	0.00	Freight	0.00	Freight	0.00		
Car Rental	0.00	Car Rental	0.00	Car Rental	0.00	Freight	0.00
Spec Tax	0.00	Deductible	0.00	Deductible	0.00	Car Rental	0.00
HazMat	0.00	Spec Tax	0.00	Spec Tax	0.00	Deductible	0.00
Tax	0.00	Haz Mat	0.00	Haz Mat	0.00	Spec Tax	0.00
Co-pay	0.00	Tax	0.00	SlsTax	0.00	Haz Mat	0.00
Charge $	815.78	Charge $	0.00	Charge $	0.00	Sls Tax	0.00
Misc	39.78	Misc	0.00	Misc	0.00	Misc	0.00
Balance	815.78	Balance	0.00	Balance	0.00	Amt Due	0.00

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209 YVW1000LVWX 5NN 857 705 RAA

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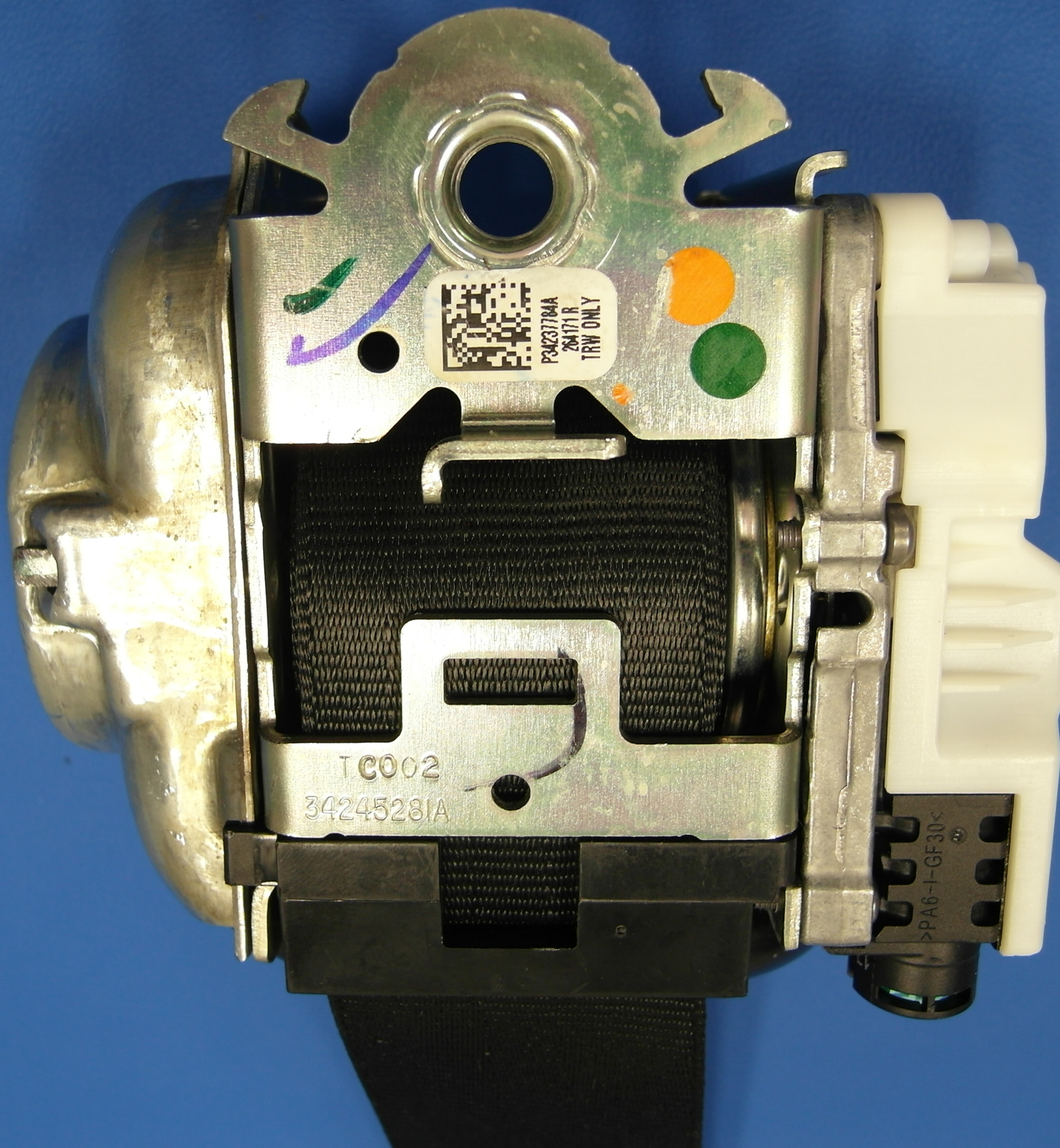
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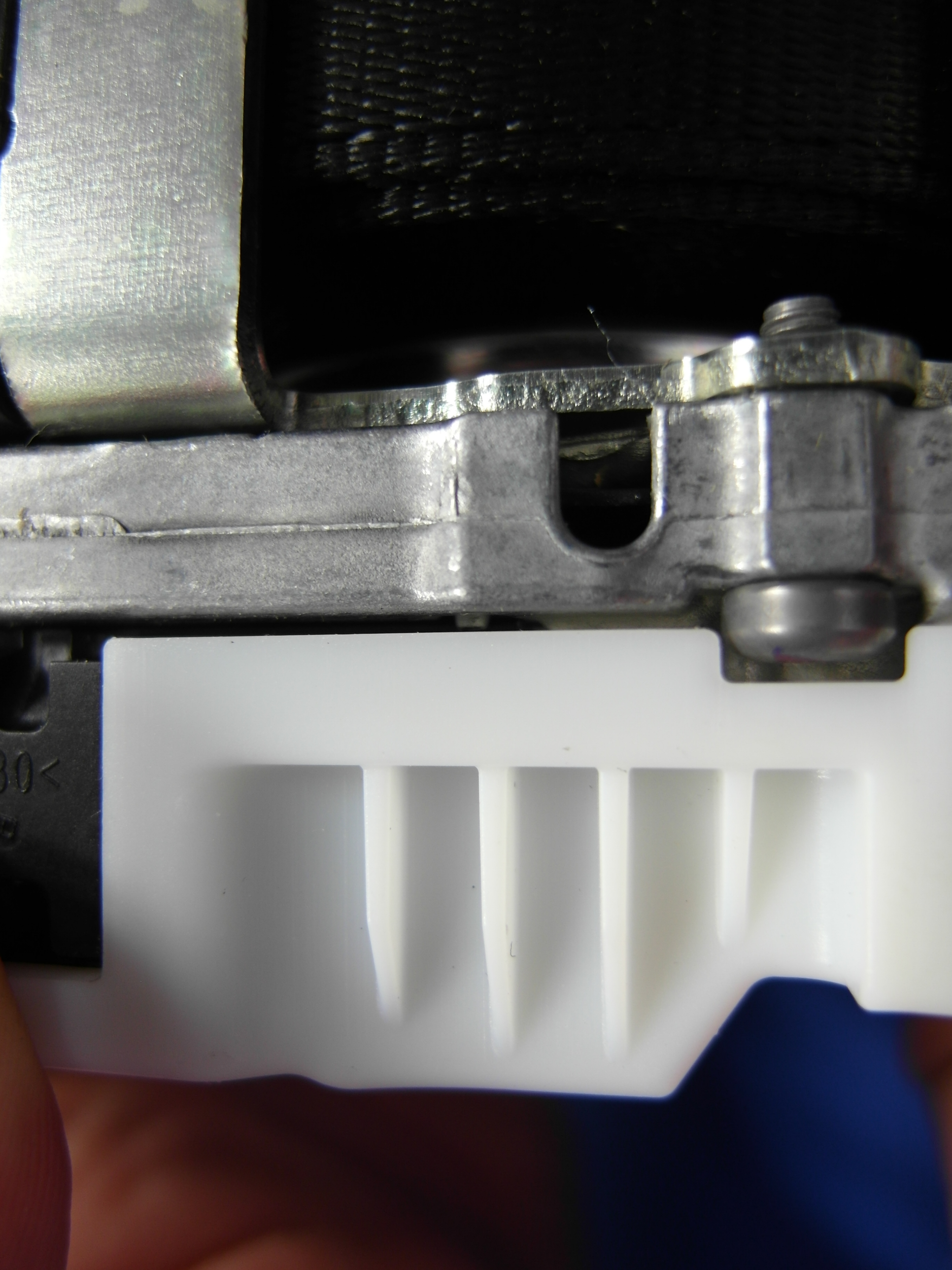

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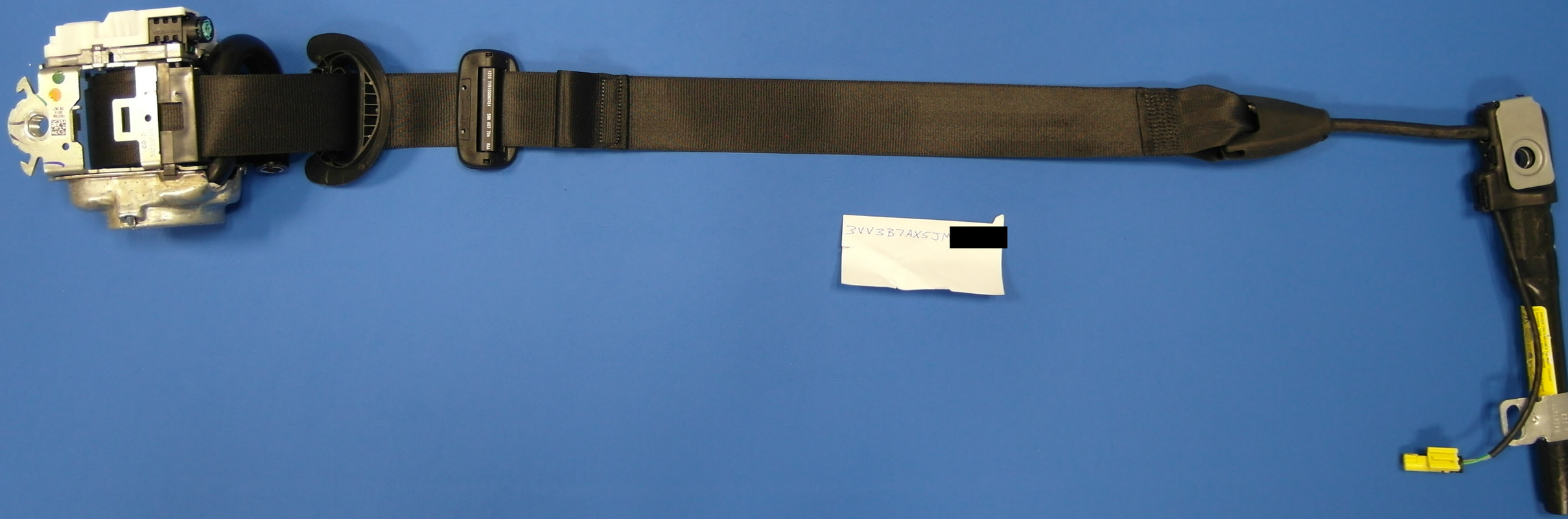
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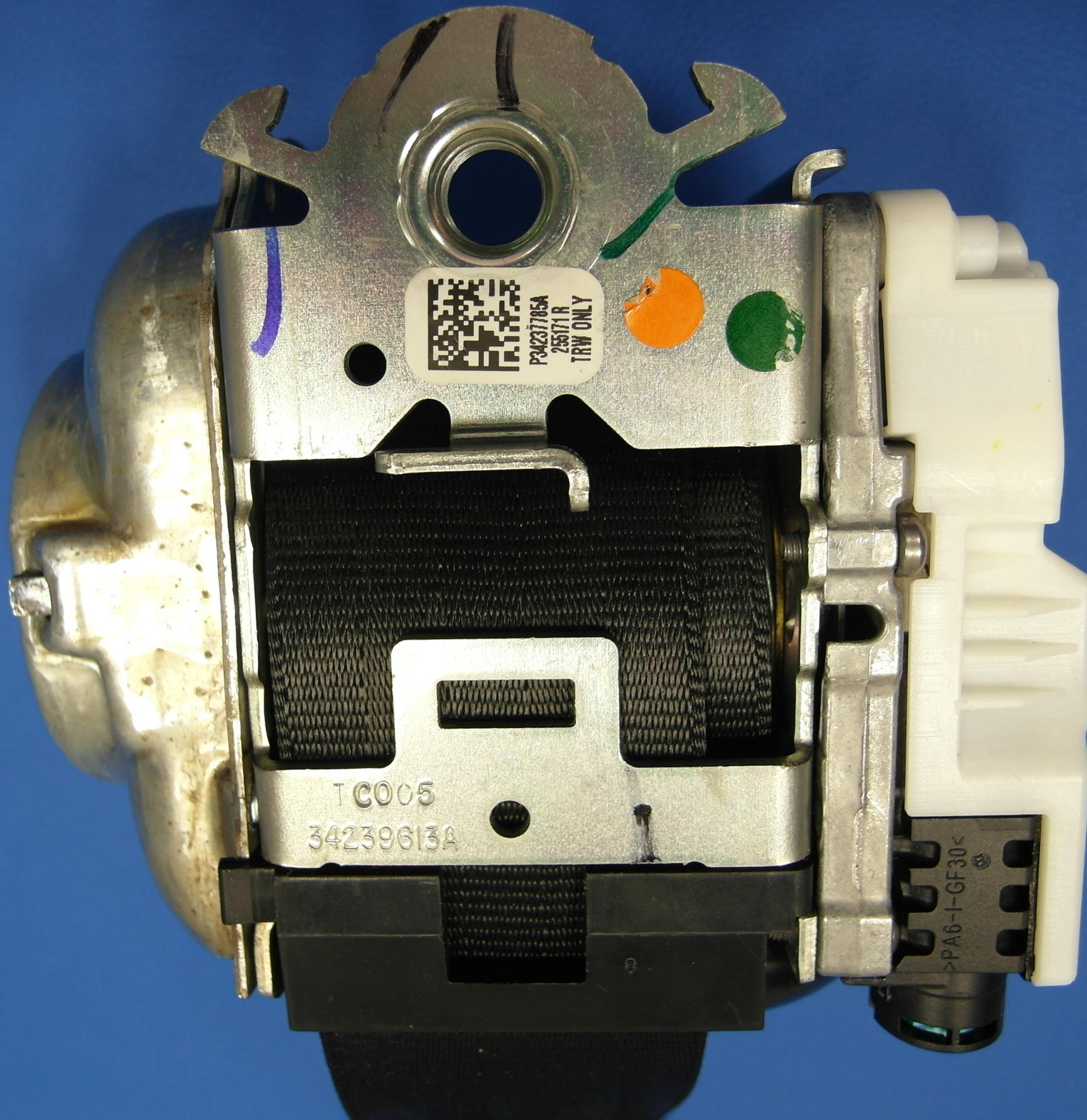
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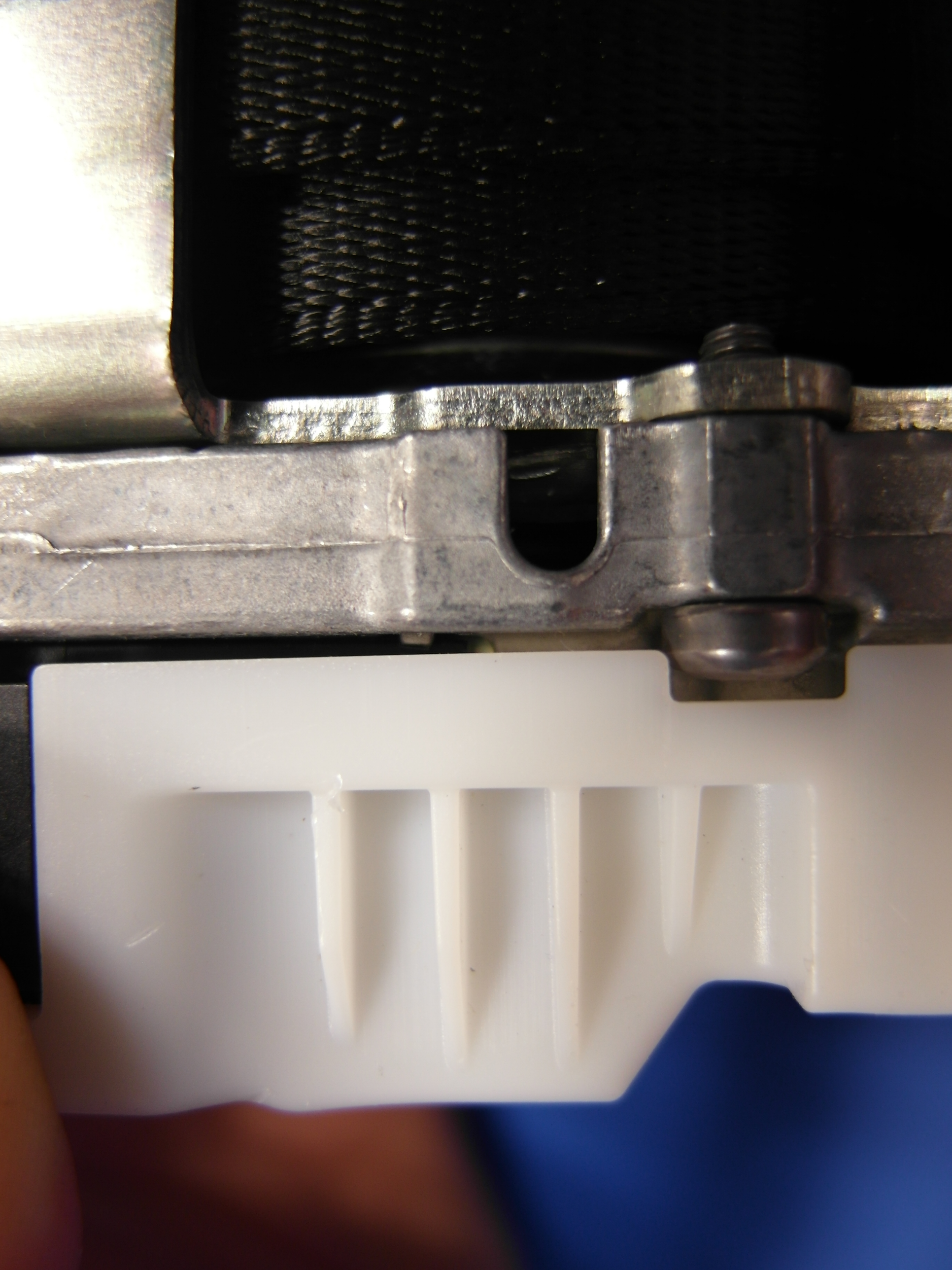


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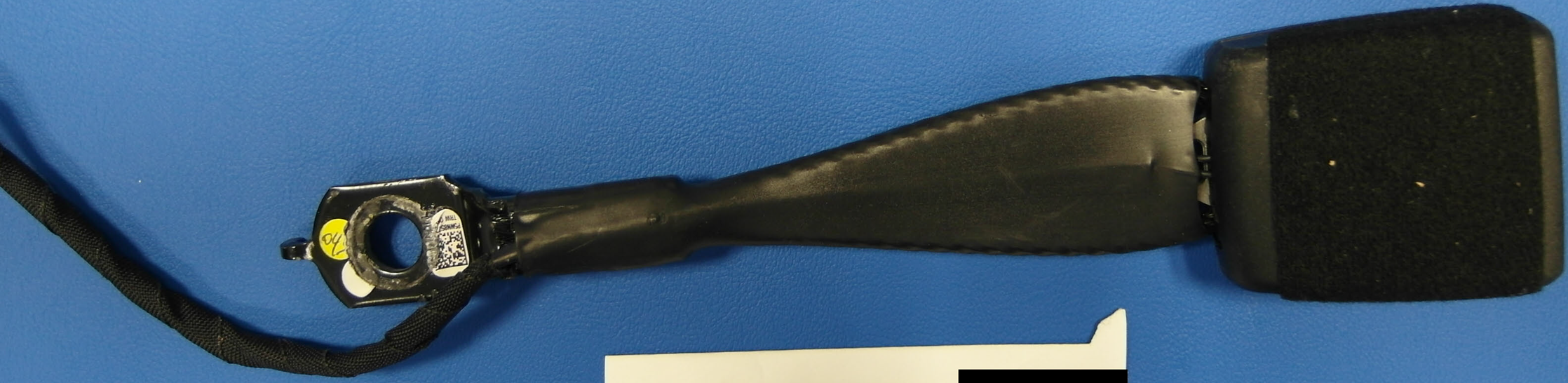

3VV3B7AX5JM[redacted]



CUSTOMER #: [redacted]

INTERNAL

AUTOBAHN MOTORCAR GROUP FORT WORTH
3000 White Settlement Road
Fort Worth, TX 76107
(817) 336-0885

HOME:
BUS:
CONT:N/A
CELL:

SERVICE ADVISOR: 637 ERICA A CASTRO

COLOR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN / OUT	TAG
2R2R/Gray	18	VOLKSWAGEN TIGUAN	3VV3B7AX5JM[redacted]		11/11	[redacted]

DEL. DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT	INV. DATE
IS DD			18:00 10JAN18			CASH	11JAN18

R.O. OPENED	READY	OPTIONS: STK[redacted] ENG:2.0_Liter_TSFI TRN:8_Speed_Automat
09:30 10JAN18	15:55 11JAN18	

LINE OPCODE TECH TYPE HOURS	LIST	NET	TOTAL
A REPLAE DRIVERS SIDE AND PASS FRONT SEAT ASEMBLIES PER VW ENGENEERING			
FOR FURTHER INSPECTION			
80 BODY EXTERIOR			
848 INC 2.20		275.00	275.00
1 5NN-857-705-RAA SEAT BELT	308.00	308.00	308.00
1 5NN-857-706-RAA SEAT BELT	308.00	308.00	308.00
2 5NN-857-756-A-MNB BUCKLE	80.00	80.00	160.00
2 N-989-236-02 SCREW	3.40	3.40	6.80
2 WHT-003-682 BOLT	2.20	2.20	4.40
PARTS: 787.20 LABOR: 275.00 OTHER: 0.00		TOTAL LINE A:	1062.20
**********			
INTERNAL PAY SHOP CHARGE FOR REPAIR ORDER			17.25

COST, SALE, & COMP TOTALS 56500 106220 0

NOT RESPONSIBLE FOR LOSS OR DAMAGE TO CARS OR ARTICLES LEFT IN CARS IN CASE OF FIRE, THEFT OR ANY OTHER CAUSE BEYOND OUR CONTROL OR FOR ANY DELAYS CAUSED BY UNAVAILIBLITYOF PARTS OR DELAYS IN PARTS SHIPMENTS BY THE SUPPLIER OR TRANSPORTER.

DISCLAIMER OF WARRANTIES

ANY WARRANTIES ON THE PRODUCT SOLD HEREBY ARE THOSE MADE BY THE MANUFACTURER. THE SELLER, AUTOBAHN MOTORCARS, HREBY EXPRESSLY DISCLAIMS ALL WARRATIES, EITHER EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MECHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND AUTBAHN MOTORCARS NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY LIABILITY IN CONNECTION WITH THE SALE OF SAID PRODUCTS.

I hereby authorize the repair work hereinafter to be done along with the necessary material and hereby grant you and/or your employees permission to operate the car of truck herein described on streets, highways or elsewhere for the purpose of testing and/or inspection. An expressed mechanic's lien is hereby acknowledged on above car or truck to secure the amount of repairs thereto. I hereby agree to the charges as outlined on this receipt and acknowledge receipt of copy thereof.

NOTICE PURSUANT TO §70.001. Texas Property Code

I AM THE PERSON OR AGENT ACTING ON BEHALF OF THE PERSON, WHO IS OBLIGATED TO PAY FOR THE REPAIR OF THE MOTOR VEHICLE SUBJECT TO THE REPAIR CONTRACT. I UNDERSTAND THAT THIS VEHICLE IS SUBJECT TO REPOSSESSION IN ACCORDANCE WITH §9.609, Texas Business and Commerce Code. IF PAYMENT FOR THE REPAIR OF THE MOTOR VEHICLE BY A CHECK, MONEY ORDER, OR A CREDIT CARD TRANSACTION IS STOPPED, DISHONORED BECAUSE OF INSUFFICIENT FUNDS, NO FUNDS, OR BECAUSE THE MAKER OR DRAWER OF THE ORDER OR THE CREDIT CARD HOLDER HAS NO ACCOUNT OR THE ACCOUNT UPON WHICH IT IS DRAWN OR THE CREDIT CARD ACCOUNT HAS BEEN CLOSED.

X _____
SIGNATURE OF PERSON RESPONSIBLE OR AGENT RESPONSIBLE FOR PAYMENT

DESCRIPTION	TOTALS
LABOR AMOUNT	275.00
PARTS AMOUNT	787.20
GAS, OIL, LUBE	0.00
SUBLET AMOUNT	0.00
MISC. CHARGES	17.25
TOTAL CHARGES	1079.45
LESS INSURANCE	0.00
SALES TAX	0.00
PLEASE PAY THIS AMOUNT	1079.45

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