



Overview

February 20, 2025

Overview (1/3)



Structure

Company founded: **1951** (73 years)

Joined stock: **1991**

Listed in **Bucharest Stock Exchange** (2007)

Shares: **65% One Individual**

Capabilities

- Land: **≈68.000 sqm**
 - Buildings: **41.500 sqm**
 - Production: **≈34.000 sqm** (3 production areas)
 - Non-Production: **7.500 sqm** (offices, hotel, canteen)
 - Other Land: **26.500** (Parkings, Access Roads etc)
- Green Energy: **1MWh + 2x100KWh**
- Product lifecycle capabilities
- Main segments: **Automotive***
- People: **100**

Technologies

- **Metal Processing**
 - Metal Stamping, Cold Pressing (sheets)
 - Precision Cutting & Bending - CNC
 - Cutting & Chamfering (tubes) - CNC
 - Forming & Bending (tubes) - CNC
 - Metal Welding
 - Surface Treatments
- **Plastics Processing**
 - Plastic Injection Moulding
 - Plastic Welding
- **Assembly**
- **Measurements & Tests**

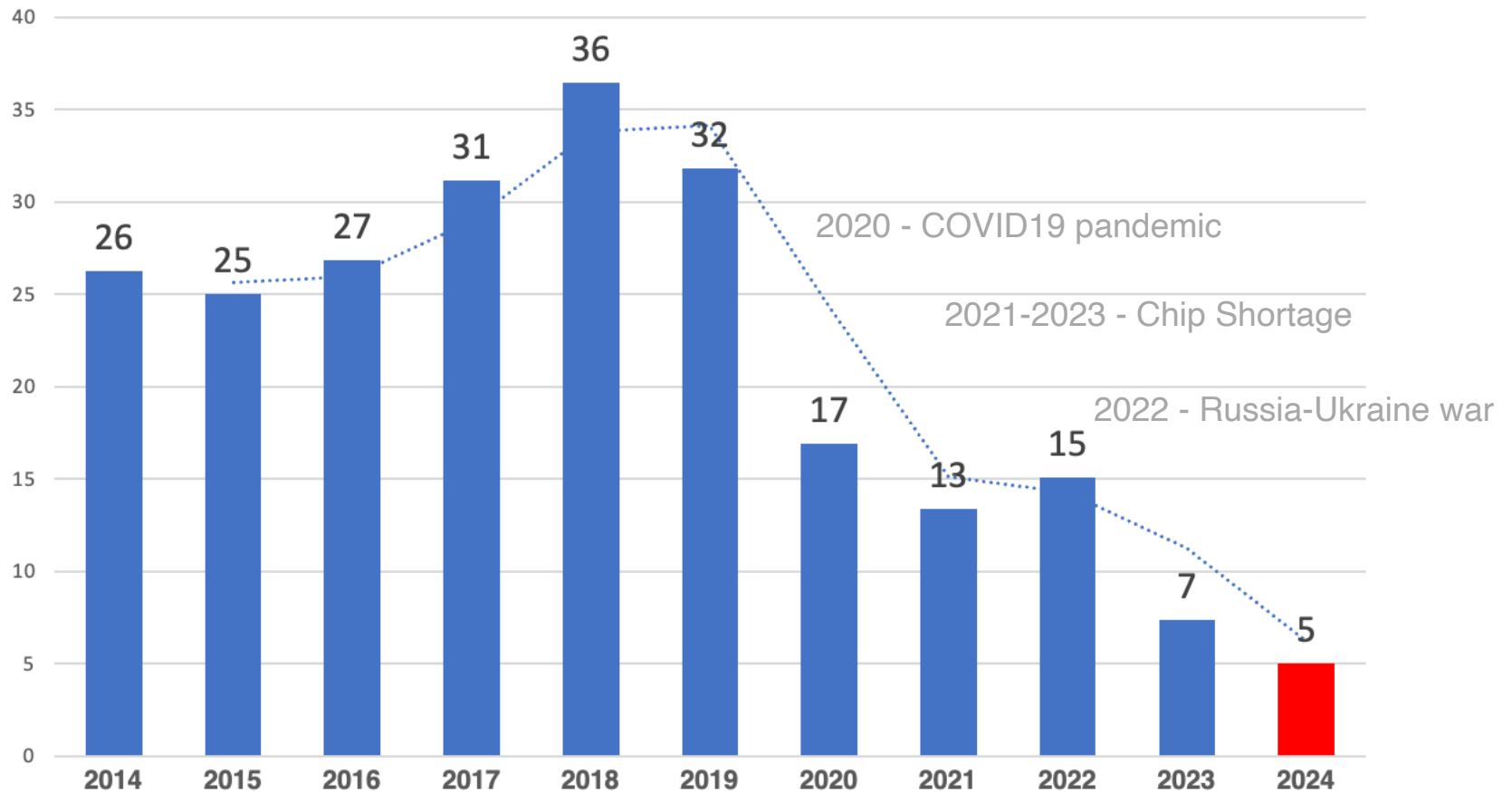
Certifications

- IATF 16949:2016
- ISO 14001
- ISO 45001
- Ecovadis

* Lately, new segments have been added to the portfolio:
Military, Consumer, Aero

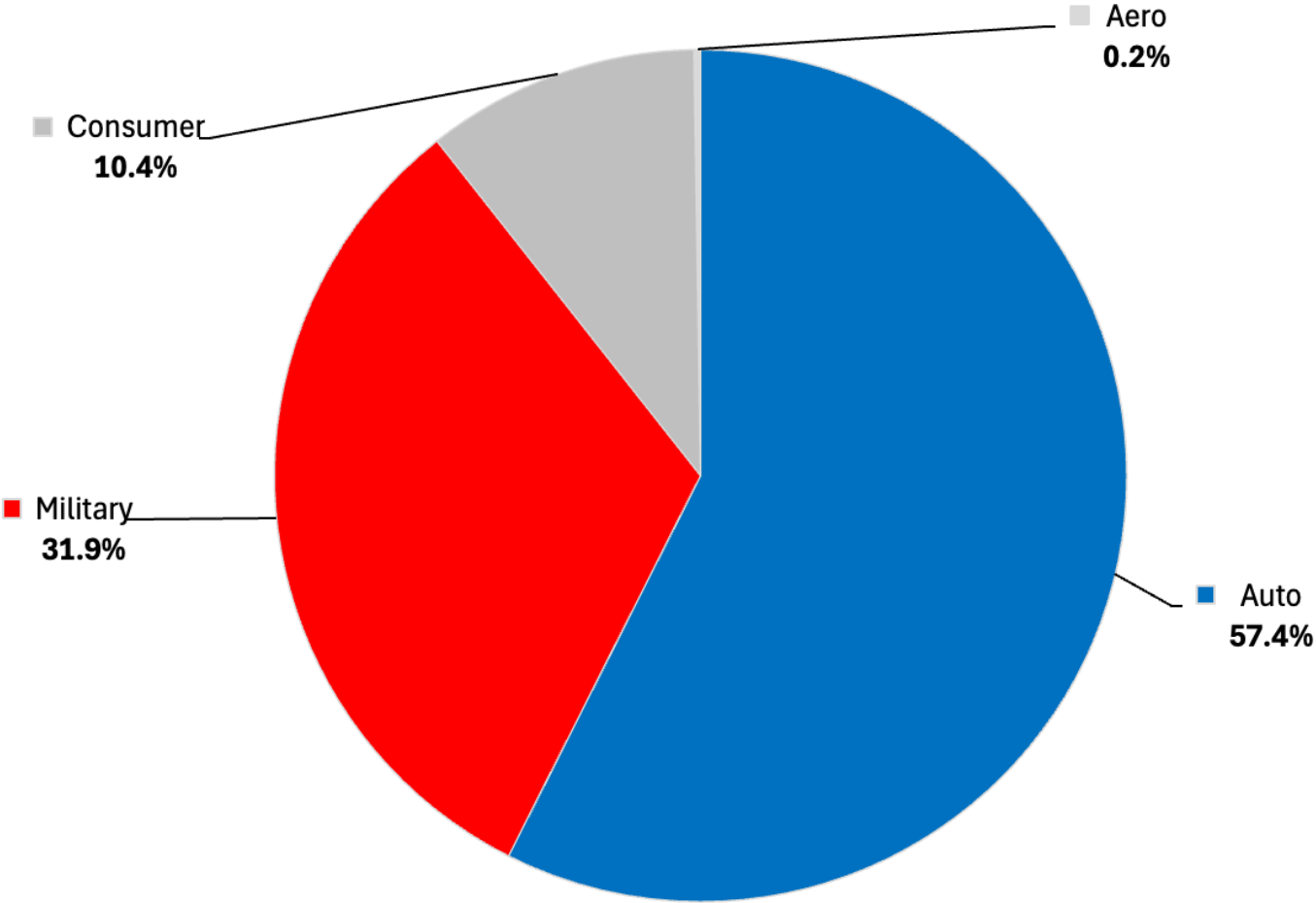


Turnover [Mil EUR]





Product volumes / industry (Feb 2025)



Customers



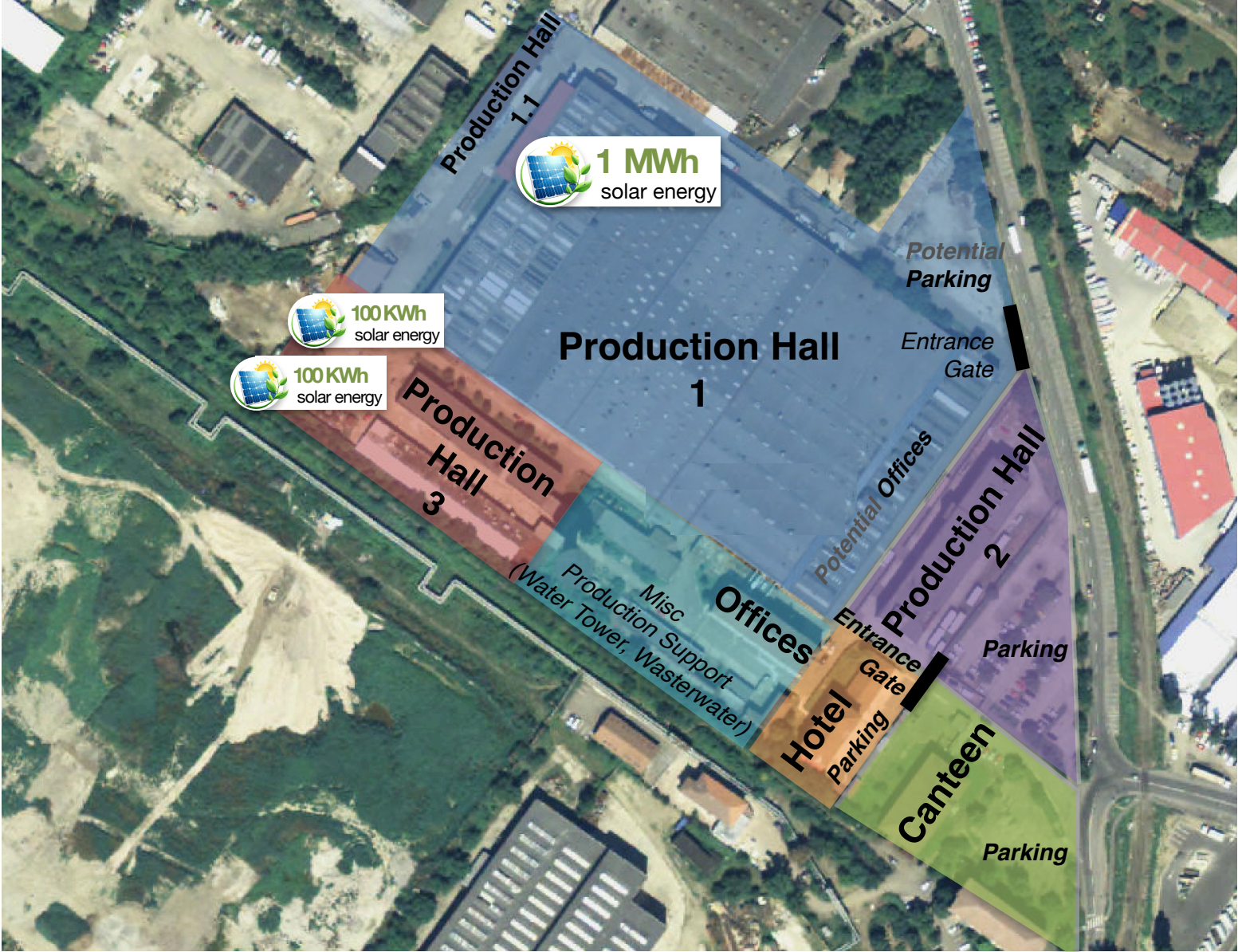
STABILUS



Assets - Land & Buildings



Buildings: ≈ 41.500 sqm Land: ≈ 68.000 sqm



Assets - Equipments



100+ equipments (for entire product lifecycle)

Metal Processing



Plastic Processing



Metal & Plastic Welding



Surface Treatments



Assembly



Measurements & Tests

Technologies - Metal Processing

Stamping, cold pressing



Materials: steel sheet of 0,4 - 8 mm, steel grades:

- S235JR
- S275JR
- S315MC
- S355M
- S420MC
- S500MC
- C15

Technology: progressive with **SERVO DIRECT**



Stamping machines

Type	Size [Tons]	Qty	Technology
HP EMANUEL	640	2	
MP ROVETA	500	1	Progressive
MP SANGIACOMO	500	1	Progressive
MP IMV	420	1	Progressive
HP EMANUEL	400	1	
MP SCHULER	400	2	Progressive - servo
MP SCHULER	300	1	Progressive
MP SANGIACOMO	160	1	Progressive
HP	40-160	14	
MP	25-160	30	



Technologies - Metal Processing

Bending (wires)



Materials: Steel wire diameters: \varnothing 2,5 - 13 mm

Technology: CNC Wire Bending Machine (4 Pcs)



CNC Wire Bending



CNC Wire Bending

Bending – Curving the wires into precise angles or radii without compromising its structural integrity.

Technologies - Metal Processing

Cutting, Chamfering, Forming, Bending (tubes)



Materials: Tubes \varnothing 6 – 25 mm

Technology: CNC Tube Cutting, Chamfering, Forming & Bending



CNC Tube Cutting & Chamfering



**CNC Tube Forming & Bending
(for key socket)**

Cutting – Reducing a metal tube to the desired length using methods like laser, saw, or rotary cutting.

Chamfering – Creating a beveled edge on the tube's end for smoother joints or welding preparation.

Forming – Shaping the tube's ends or body (e.g., flaring, expanding, or reducing) to fit specific applications.

Bending – Curving the tube into precise angles or radii without compromising its structural integrity.

Technologies - Metal Processing

Precision Cutting (sheets, tubes) & **Bending** (sheets)



Materials:

• Characteristics:

- Sheets of 0,4 - 20 mm
- Pipes Ø 20 - 220 mm

• Composition:

- stainless steel,
- carbon steel,
- aluminum
- copper
- brass



Biella Dual M3015T3 (CNC - Laser Cutting Machine)

Technology: **CNC - Laser Cutting Machine***

(Max cutting area: 1500 × 3000 mm)

Materials:

• Characteristics:

- Sheets of 6 - 10 mm

• Composition:

- stainless steel,
- carbon steel,
- aluminum
- copper

Technology: **CNC - Bending Machine****

(110 Tone, Max bending length: 3200mm)



Abkant Biella BA110-3200 (CNC Bending Machine)

* Cuts metal sheets and pipes into precise designs

** Bends metal sheets into specific angles and shapes

Technologies - Metal Processing

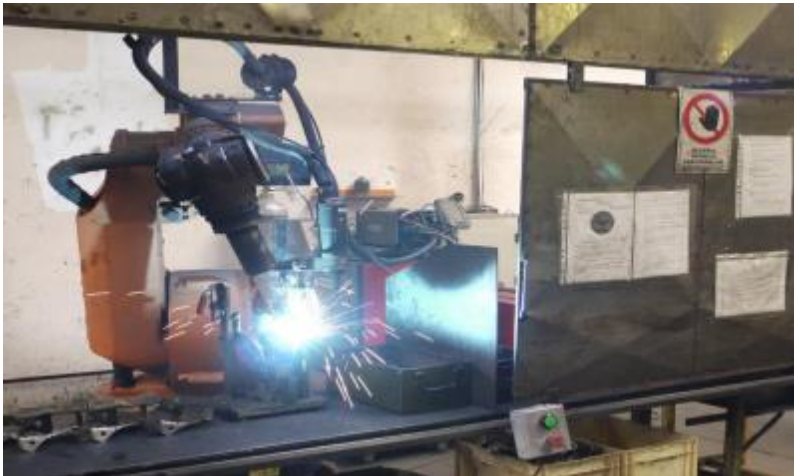
Metal Welding



Metal welding

Spot welding, in protective medium with robot

Robot KUKA (12 Pcs)



Technologies - Metal Processing

Surface Treatment



CATAPHORESIS Painting (2300X800X1300)



Zn - Electroplating (3000X850X1200)

Technologies - Plastic Processing

Plastic injection moulding



Materials: thermo stabilised, UV resistant:

- PE (Polyethylene)
- PP (Polypropylene)
- PA6 / PA6.6 (Polyamide 6/ 6.6 (Nylon 6 / 6.6))
- PBT (Polybutylene Terephthalate)
- ABS (Acrylonitrile Butadiene Styrene)
- PUR (Polyurethane)
- Variants:
 - simple and
 - reinforced with glass fibre or minerals

Technology: multi-cavity injection moulds, with or without hot runner, thermostatic moulds, injection with robots



Injection machines

Type	Size [Tons]	Qty
ARBURG	40-500	13
ENGEL	250-600	4
ENGEL with robot	180-350	4
ENGEL with robot + special automatisation	450	1
RIPRESS	320	1
Plastic Injection Machine*	1.000	1



* New

Technologies - Plastic Processing

Plastic Welding



Plastic welding

Technology: Ultrasonic welding



Technologies - Assembly

Assembly



Automatic Assembly Lines
Hand Brake



Assembly Stage
Break Pedal



Assembly Lines
Break Pedal, Hand Brake, Outside Mirror

Technologies - Measurements & Testing

Measurements & Tests



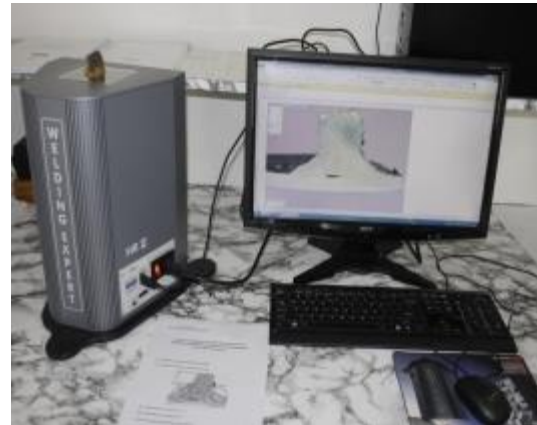
Mechanical tests
Zwick/Roell Z250



Emission spectrometric analysis
FOUNDRY - MASTER



Welding conformity
WELDING EXPERT HR II



Zinc-coating thickness measurement
NAMICON



Thermo gravimetric & DSC analysis

SHIMADZU



3D - ZEISS - VISTA



3D - NIKON DE742SA



Thank you!



Thank you!



Backup slides

Product lifecycle capabilities



Efficient from Design to Mass Production

- competence in **development**, working closely with our partners
- many years of experience in the using CAD/ CAM systems (especially in automotive industry)
- **Laboratory Tests** in collaboration with:
 - **RTR Titu,**
 - **UTAC CERAM GROUPE,**
 - **CSA GROUP AstonWay Lelyland,**
 - **CSI SpA**
- efficient mass production
- good customer relations

Products (1/7)



Rear-view Mirrors

Products (2/7)

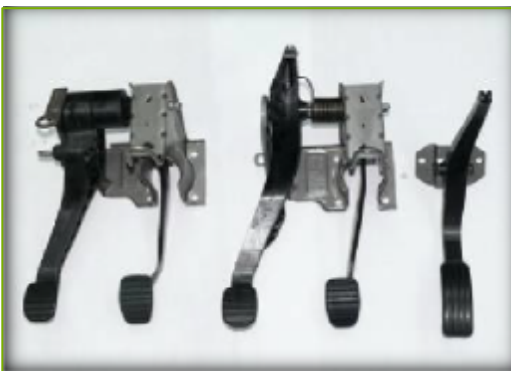


Outside Mirrors HJD



Upper shell HJD

Products (3/7)



Pedal Systems; Hand Brake; Key Wheel

Products (4/7)



BPedal HJD DAG



BPedal HJD DAD



Command rods HJD



Anti-intrusion X52

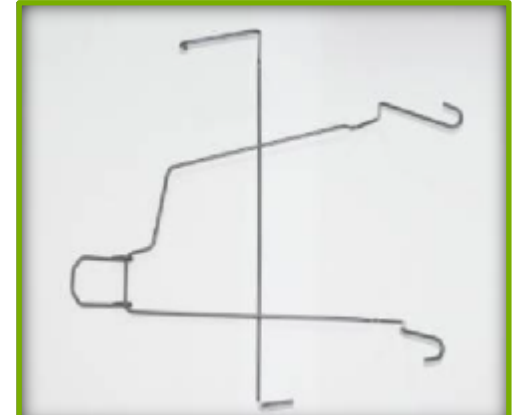


Anti-intrusion HJD



Command rods NISSAN

Products (5/7)



**Hand Brake; Command cables; Command rods;
Spare wheel support; Wire parts; Stamped parts**

Products (6/7)



Jack



Door and Steering Column Lock System



Door engine hood and rear hood latches and outside/inside mechanisms; Door stop



Wipersystem



**Car back seats
Wire structure**

**Front car seats
Wire structure**

