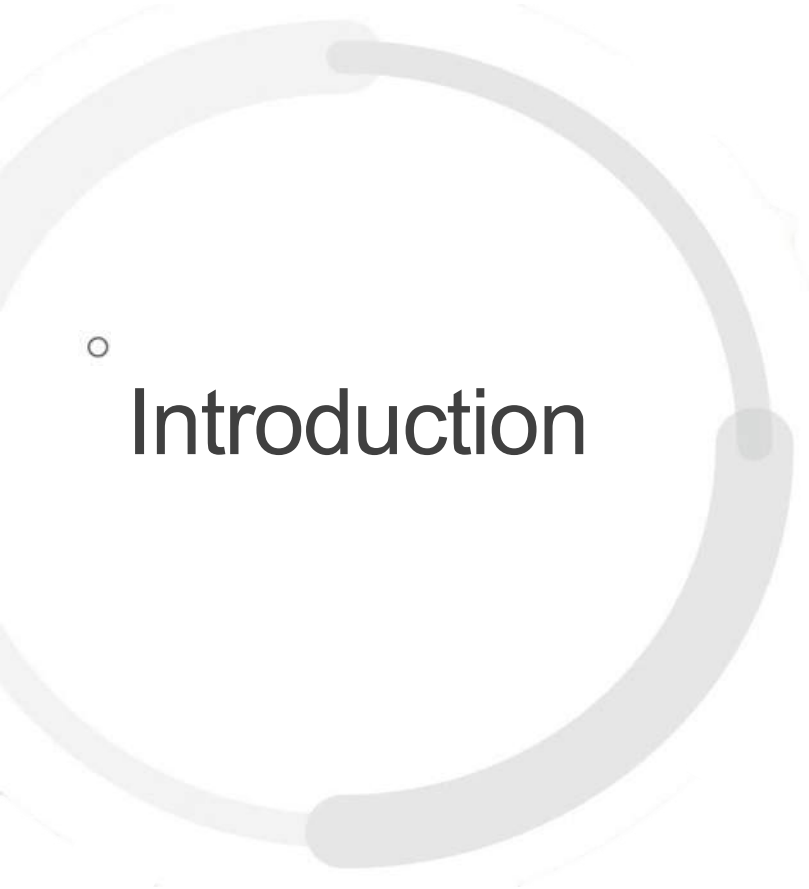






○

Introduction

Order

1. Company Overview & History
2. Production Points
3. Production Status
4. Major Test and Inspection Equipment
5. Components Specification
6. Technologies
 - Manufacturing
 - Developing
 - Studying

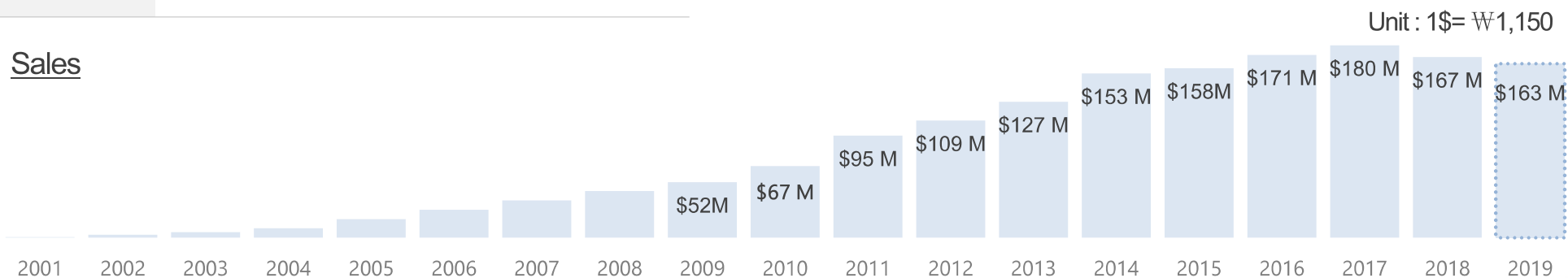
General Status

Company	DAYOU AP Co., Ltd.
CEO	Seokgeun Lee
Established	2001
Capital Stock	\$ 3.5 M / ₩4 B
Employees	299
Business	Auto Parts Manufacturing Business
Product	Steering Wheel
Location	Headquarters : 66 Wanjusandan 8-ro, Bongdong-eup, Wanju-gun, Jeollabuk-do R&D Center : 509 Dunchon-daero, Jungwon- gu, Seongnam-si, Gyeonggi-do
Homepage	www.dayouap.co.kr

Major History

- 2001 Established DAYOU S-Tech
(Started steering wheel business)
- 2003 Completed Integrated R & D Center
- 2005 Domestic Market Share No. 1
of Steering wheel
- 2014 DAYOU AP Wanju Plant Expansion
- 2017. 01 Completed Plant relocation
- 2018. 01 Acquired ISO22301
International Standard Certification
- 2018. 12 Listed on the KOSDAQ market

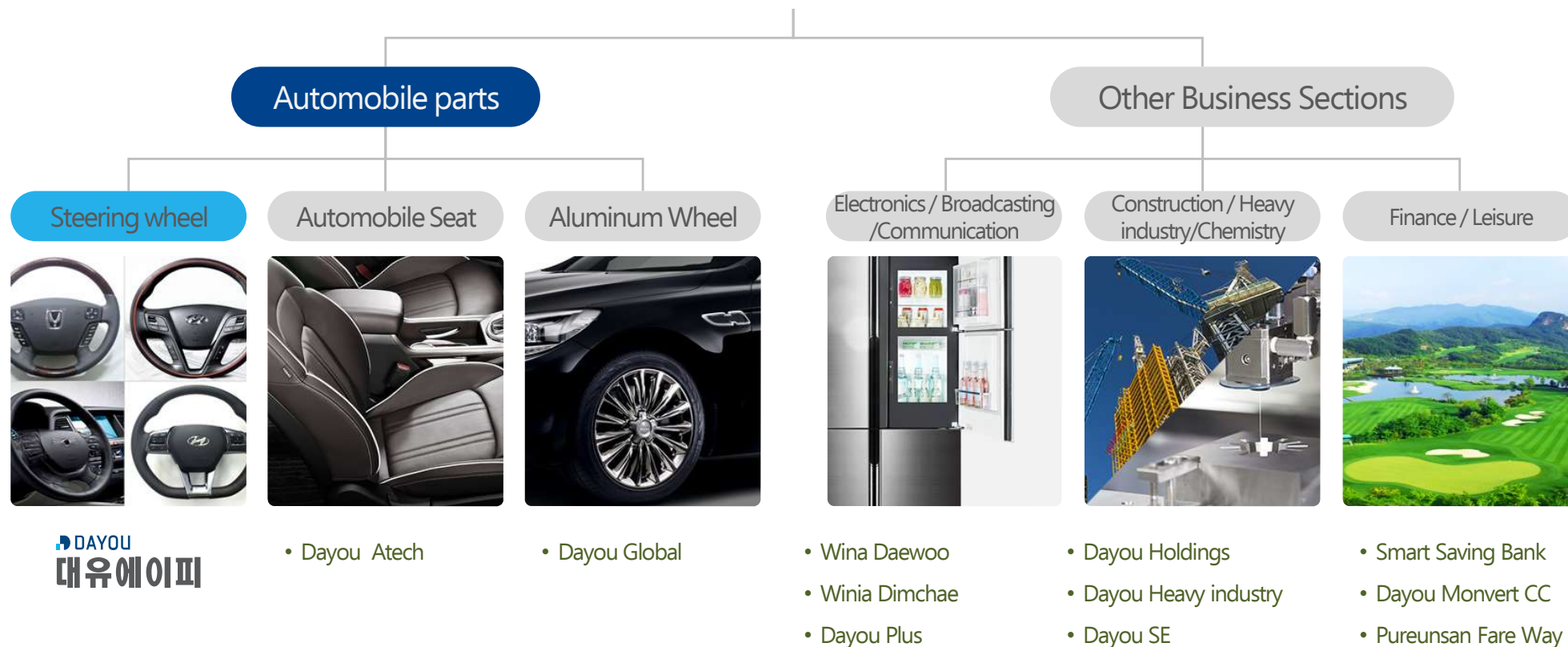
Sales



Core Affiliate of DAYOU Group, DAYOU AP

Business section of DAYOU group and major affiliates

DAYOU Group





Status		D/C	Forming	Mold Carrier	Assembly	Inspection	CAPA (Forming)	Set Process (JAN, 2020)
Produce	Wanju	5	6	52	44	28	3.8M	All
	China	Beijing	-	-	8	5	-	Assembly
		Yancheng	3	3	24	6	1.8M	All
	Mexico	-	-	-	8	3	-	Wrapping+ Assembly
Sub Total		8	9	76	72	42	5.6M	
Plan	Slovakia	-	-	-	9	4	-	Ass'y, W/house
Sub Total					9	4		
Grand Total		8	9	76	81	46	5.6M	

Production Status

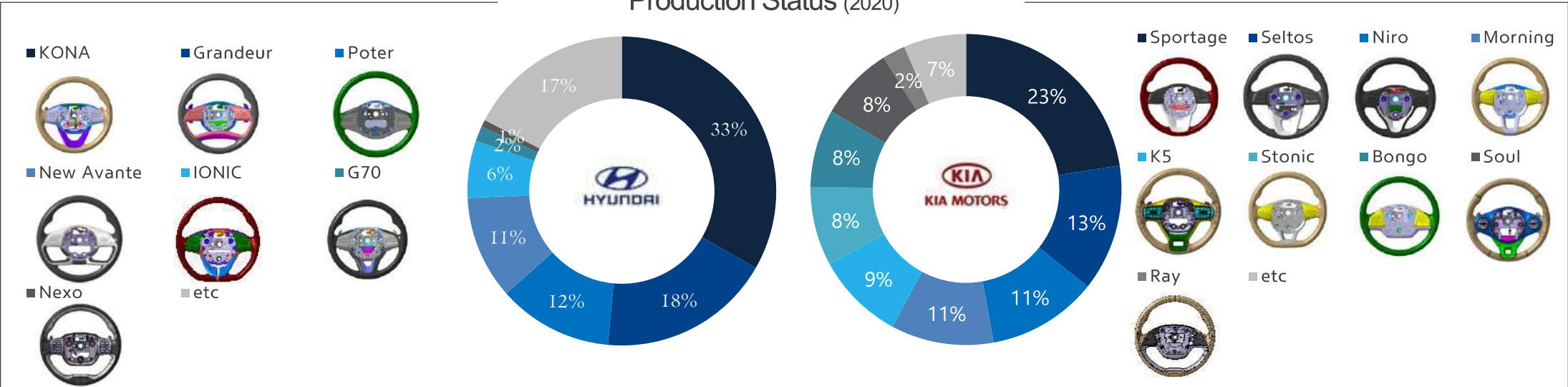
One- Stop Shop



Models Portfolio



Production Status (2020)



PREMIUM



G70

PASSENGER



Grandeur and 16 Models

COMMERCIAL



Megatruck and 13 Models

Major Test and Inspection Equipment

Test Equipment



Torsion / Bending
Durability



System Rotation
Durability



Autoclave



Light-resistance
tester



Thermal shock
tester



Dead Room

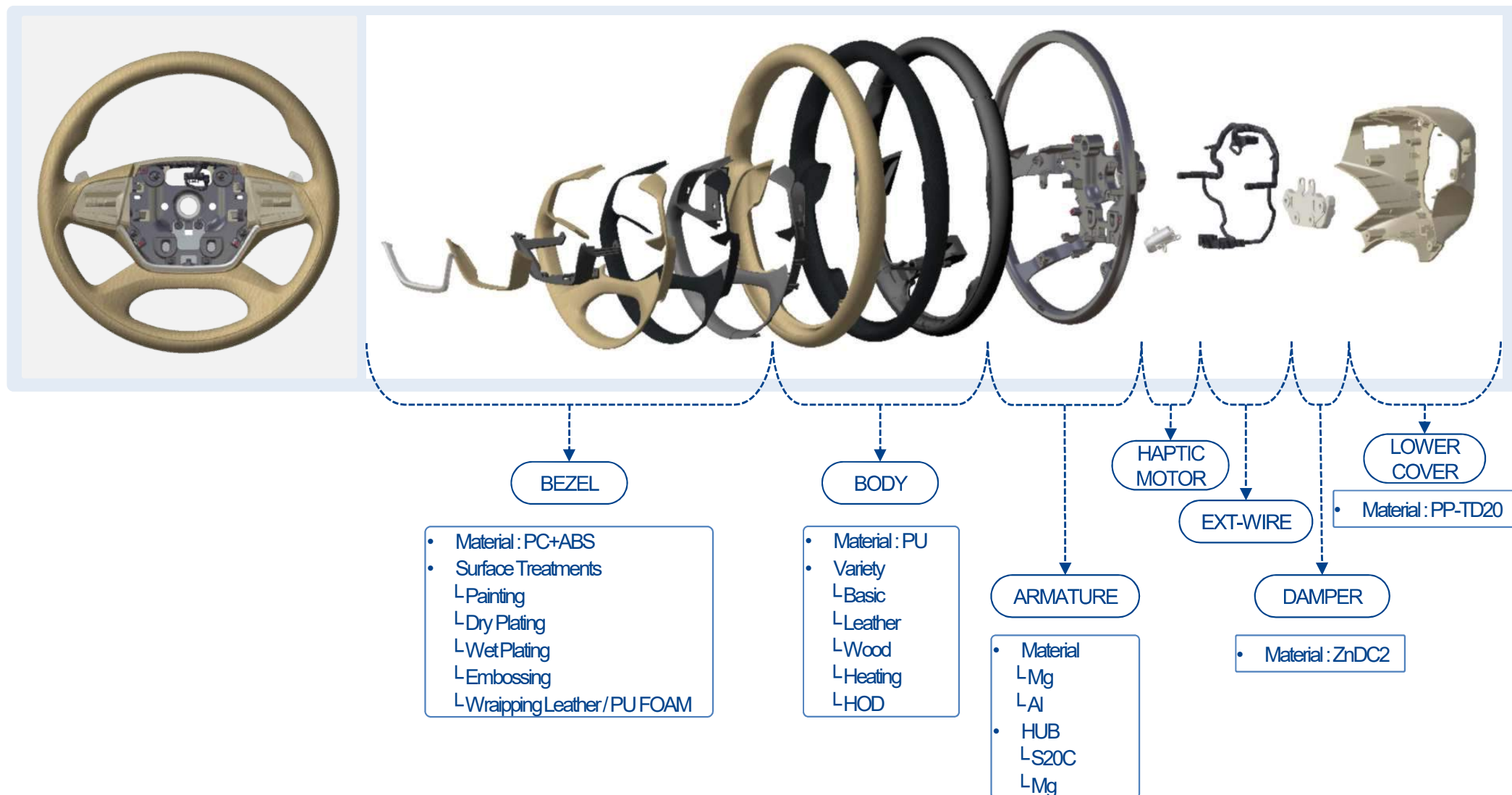
Inspection Equipment

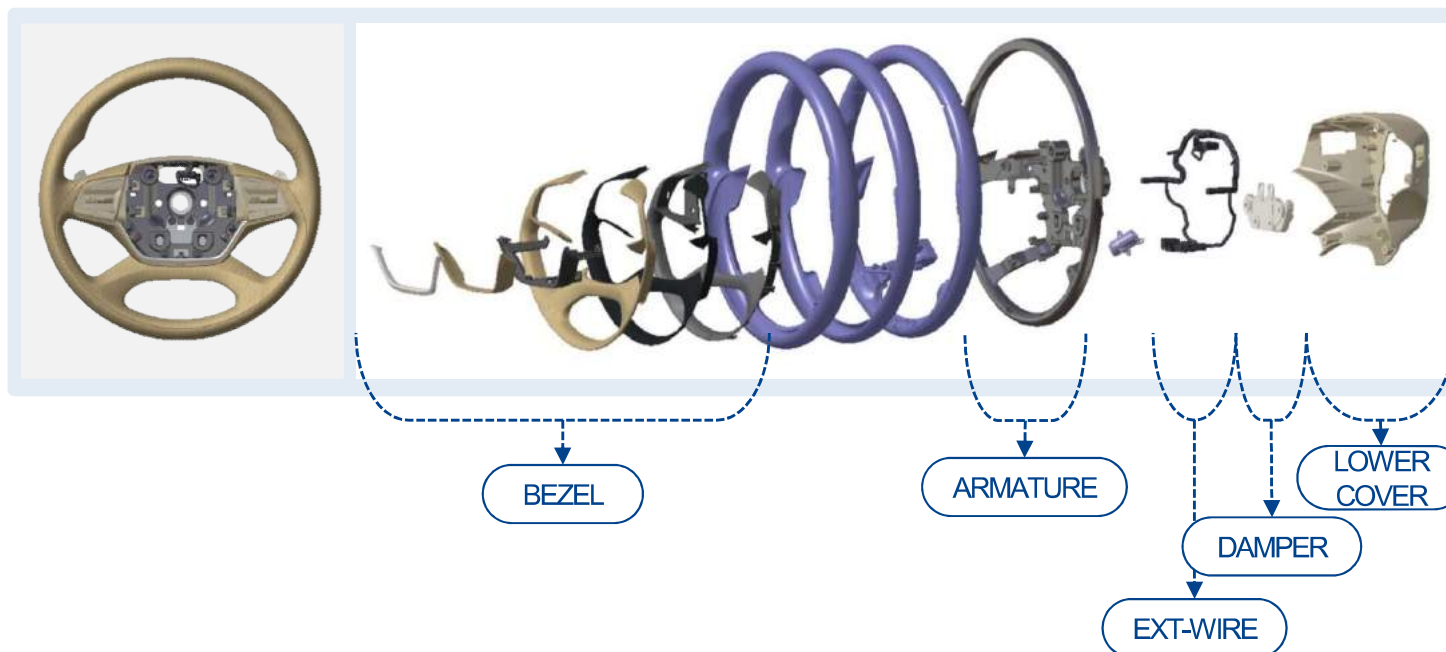


Heavy Metal Analyzer



X-RAY





Component	Material	Surface Treatment	Status	Location	Remark
BEZEL	PC+ABS	Painting	Outsourcing	KOR / CHN	Local supplier for Chinese projects
		Wet plating	Outsourcing	KOR / CHN	Local supplier for Chinese projects
		Dry plating	Outsourcing	KOR	-
		Embossing	Outsourcing	KOR	-
		Wrapping leather	Outsourcing	KOR / ITA	3 Domestics / PASUBIO
		Wrapping PU FOAM	Outsourcing	KOR	-
ARMATURE	Mg / Al	-	MIP / Outsourcing	KOR / CHN	-
EXT-WIRE	-	-	Outsourcing	KOR / CHN	Local supplier for Chinese projects
DAMPER	ZnDC2, ETC	-	Outsourcing	KOR	-
LOWER COVER	PP-TD20	-/Painting	Outsourcing	KOR / CHN	Local supplier for Chinese projects

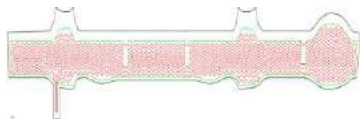
Components Specification



Component	Variety	Material	Status	Location	Remark
BODY	BASIC	PU	MIP	KOR / CHN	-
	LEATHER	TOP (TYPE-A)	3 Domestics / PASUBIO	KOR / CHN / ITA	-
		TOP (TYPE-B)	3 Domestics / PASUBIO	KOR / ITA	-
		Split	DANI	ITA	-
		Artificial	3 Domestics	KOR	-
	WOOD	Water transfer printing (Wood grain)	2 Domestics	KOR	-
		REAL WOOD	CAVALLI	ITA	-
	HEATING	FELT	3 Domestics	KOR / CHN	-
		PU FOAM	Domestic	KOR	-
	HOD	PU FOAM	IEE	SVK	-
		CONTROLLER		LUX	-

PU-FOAM PAD

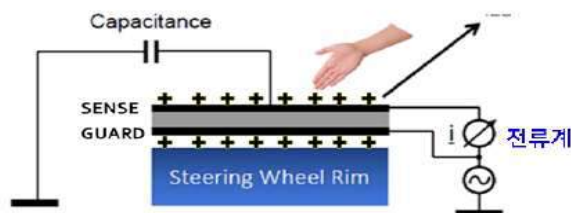
Applied : 2015 ~

	Feature	FELT	EPDM	PU – Foam	Remark
PIC					

	Weight (g/m ²)	Density (g/cm ³)	Tensile(kg/2.54cm)		Elongation(%)		Tear(Kg)		Odor		Cost (\$/m ²) Unit: 1\$ = ₩1,150	Remark
			MD	TD	MD	TD	MD	TD	Wet	Dry		
Felt	273	0.175	32.0	35.9	69.7	76.1	10.4	8.0	2	3	2.0	
EPDM	229	0.149	1.6	1.0	249.3	171.1	0.10	0.09	4	4	4.7	Water bubble
PU Foam	150	0.107	1.8	2.1	145.4	155.3	0.3	0.3	2	3	3.9	
Test standard	ASTM D 1910	ASTM D 1778	ASTM D 1682		ASTM D 1682		ASTM D 2262		HKMC		-	

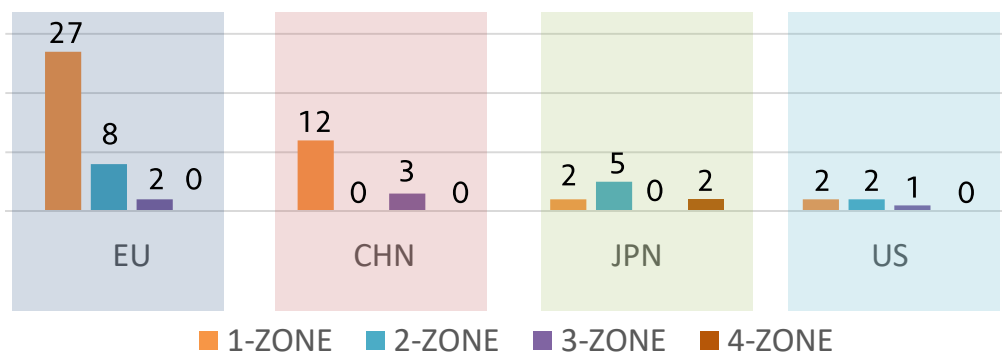
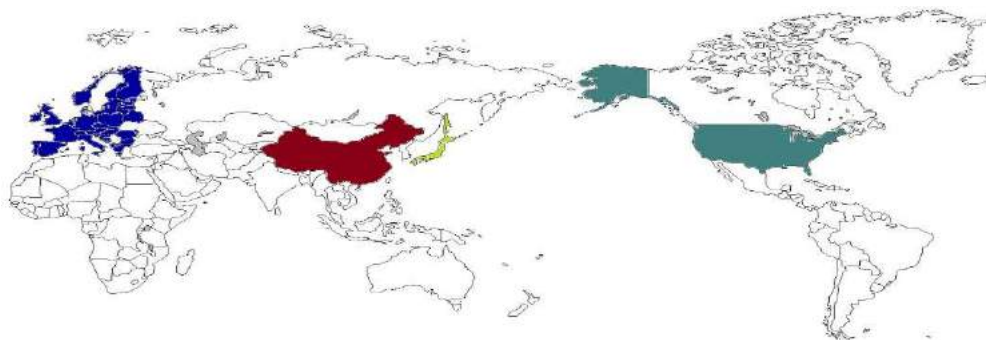
HOD
with IEE

TARGET : ~2021



Change Current Value by Grip Status

Market Trend

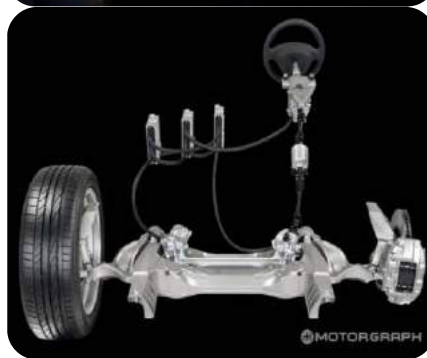
MFD SPEAKER
with S-TECH

TARGET : ~2021

	Haptic Motor	MFD Speaker	Remark
PIC (Structure)			
Size (mm)	70 X 22 X 45	70 X 27 X 15	
Weight (g)	65	40	
Power	DC (Direct Current)	AC (Alternative Current)	
Strength	Cost 10% ↓ 40% ↓ (Without Inverter)	Weight 38% ↓	Performance 38% ↑ - Vibration tuning - Vibration + Sounds

Retractable Steering Wheel by Self

TARGET : ~2025

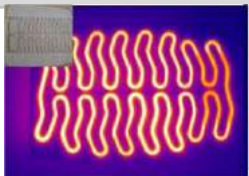
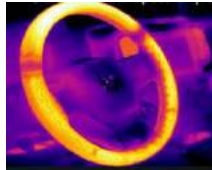
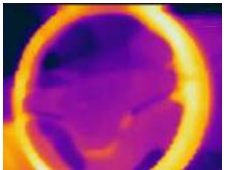


- Change Air-Bag : Steering wheel → Dash Board
↳ Under development with DAB on steering wheel removing displayer
- Apply SBW (Steer By Wire)

Carbon Face Heating with DAYOU PLUS

TARGET : ~2025

Heating comparison / Unit area

	Cu WIRE	Carbon face Heating	Remark
PIC	 	 	• World First • Possess Patents
Temperature Raising Speed -20°C ~ 40°C	15 MIN	5 MIN	• 3 times ↓
Heating Type	Line (Unequal)	Face (Equal)	• Face heating
Disconnection	Impossible	Possible	• Unless being cut perfectly
Power Consumption	3.5V	1.8V	• Double ↓ • Strength for EV
Heat Loss	72W	24W	• 15% ↓



Thank you