

## Sinjin Plastics Co., Ltd.

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# A WORLD-CLASS **AUTOMOTIVE PARTS SUPPLIER**

Sinjin Plastics has vigorously pushed forward in the automobile components industry for more than 30 years since its establishment in 1987.

We have worked diligently toward providing innovative, sustainable solutions that meet the specific needs of our customers producing state of the art automotive parts. Sinjin's commitment to our customers, employees, and the community, is what has enabled us to thrive in the automotive industry even during difficult times.

We are incredibly grateful for our customers' support. Thank you for your encouragement and patronage which has allowed us to establish a global presence. With the continued support of our customers and employees, we will remain successful.

**CEO Changho Moon** 



Sinjin Plastics HQ & Technical Center (Incheon)





Sinjin Mold Shop (Incheon)

Sinjin Chrome Plating Plant (Eumseong)



Sinjin 1st Injection Molding Plant (Eumseong)



Sinjin Grille Plant: 2nd Injection Molding Plant & 2nd Painting Plant (Eumseong)



Sinjin 3rd Injection Molding Plant (Gunsan)



Sinjin Sales & Engineering Office (Troy, MI)



Sinjin Texas Plant (Arlington, TX)

# **History**

### 2014~2020

2018. March - Built Sinjin grille plant in Eumseong, Korea December - Established Sinjin Texas plant in Arlington, TX 2014. July - Acquired Safety and Health certificate from KOSHA



Sinjin Texas Plant

### 2006~2013

- 2013. February Started direct plating operation at chrome plating plant
- 2010. August Acquired SQ certificate for HYUNDAI/KIA
- 2007. August Built chrome plating plant in Eumseong, Korea September - Built injection molding plant in Eumseong, Korea



Sinjin Chrome Plating Plant

### 1987~2005

- 2005. June Acquired ISO/TS 16949 Built second painting plant in Incheon, Korea
- 2002. October Registered as a tier 1 supplier for Ssangyong Motor
- 1997. July Built mold shop in Incheon, Korea
- 1996. July Built first painting plant in Incheon, Korea December - Built injection molding plant in Gunsan, Korea
- 1989. February Registered as a tier 1 supplier for GM
- 1987. October Established SINJIN Plastics



# **Certificates & Awards**

CERTIFICATES	PATENTS

IATF 16949

ISO 14001

**AWARDS** 

FUEL DOOR PUSH SWITCH

2014, 2015, 2016 **GM SUPPLIER OF YEAR** 

AIAG CQI-11 FUEL DOOR ACTUATOR

2015, 2017, 2018 **GM SUPPLIER QUALITY EXCELLENCE** 

SQ (HYUNDAI/KIA)

BIQS (GM)

FUEL TANK ASSEMBLY DESIGN

2014, 2016 SSANGYONG MOTOR SUPPLIER OF YEAR

# INTEGRATED IN-HOUSE SYSTEM

Sinjin Plastics produces automotive plastic parts from design, development, tooling, injection molding, high and low gloss plastics painting, hexavalent and trivalent chrome plating, and assembly. Our integrated in-house system gives us the advantage to prevent potential risks during each step of the manufacturing process which allows us to proactively respond to any quality or supply issues.



**INSPECTION** 



INJECTION MOLDING



**VALIDATION** 

**INTEGRATED IN-HOUSE SYSTEM** 



**CHROME PLATING** 



**ASSEMBLY** 



**COLOR PAINTING** 

# **Engineering and Manufacturing Capabilities**

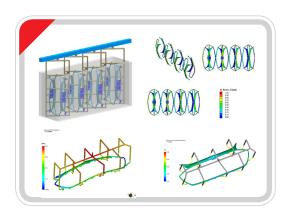
Sinjin designs, develops and manufactures automotive interior and exterior plastic trim parts including radiator grilles, fuel filler door modules, license plate appliques, outside handles, wheel caps, and other decorative molded parts. We provide customers comprehensive solutions for product engineering, program management, tooling, injection molding, painting, chrome plating, assembly, and shipping. At Sinjin, we exceed the needs of our customers by providing technical expertise and a proven track record.



Design Programs: UG, NX11 & CATIA V5



DEVELOPMENT Program Management Develop Product, Process, Tooling & Fixtures



SIMULATION ENGINEERING Moldflow Analysis Chrome Plating Simulation (Elsyca) Parts Construction Analysis



VALIDATION According to International Standards Validation & Durability Testing

# **Products**



# **Main Products**

### **Radiator Grille**



#### Customer

- GM North America

#### **Production Process**

- Mesh Grille : Black Painting (High Gloss)
- Surround : Bright Chrome Plating



#### Customer

- GM South America

#### **Production Process**

- Mesh Grille & Surround
- : Black Painting ( High Gloss )



#### Customer

- SSANGYONG Motor

#### **Production Process**

- Mesh Grille : Black Chrome **Plating**
- Surround : Satin Chrome Plating - Insert Molding: Black Painting



#### Customer

SSANGYONG Motor

#### **Production Process**

- Mesh Grille: Dark Silver Painting (Low Gloss)
- Surround: Satin Chrome Plating

# | Fuel Tank Door & Housing



#### Customer

**GM North America** 

#### **Production Process**

- Housing: 2K Injection Part



#### Customer

- GM Korea

#### **Production Process**

- Housing: 2K Injection Part
- Proprietary Sinjin Push Switch

# License Plate Applique



#### Customer

- GM North America

#### **Production Process**

- Black Painting (Low Gloss)
- License Lamp
- Rear View Camera
- Touch Pad



#### Customer

GM North America

#### **Production Process**

- Chrome Plating
- License Lamp
- Rear View Camera

# **Molding Parts**



#### Customer

- SSANGYONG Motor

#### **Production Process**

- Chrome Plating



#### Customer

SSANGYONG Motor

#### **Production Process**

- Chrome Plating