



HUSHAN



HUSHAN AUTOPARTS INC.

www.huhandle.com

Factory Profile



- Year Established: 1972 – Public Company since 2025
- Factory Area: 1,200,000 sqft (Taiwan)
- Employees: 300

Largest Door Handles & Cameras & Fasteners AM Supplier (Over 30,000 SKU):

- The first and only CAPA Certified Camera/ Parking sensor supplier in the world. [\(Click here for video\)](#)
- Main Product: Handle/ Camera/ Parking Sensor/ Fastener/ Windows Regulator/ Cable
- New Product line: Headlamps/Wheel Cap/Valve Cover/Impact Sensor/AC Control Module/Switches





Headlamp

卡車頭燈



Top Lamp

車頂燈



Side Marker Lamp

側邊標誌燈



Fog Lamp

霧燈



Engine Valve Cover

引擎閥蓋



Timing Cover

正時鍵蓋



Hood Latch

引擎蓋鎖



Door Latch

車門鎖



Tailgate Latch

尾門鎖



Trunk Latch

後行李箱鎖



Window Regulator

車窗升降機



Hood Hinge

引擎蓋鉸角器



Door Hinge

車門鉸鏈



Tailgate Hinge

尾門鉸鏈



Door Check

車門限位器



Striker

車門止



Headlamp Switch

頭燈開關



Power Mirror Switch

後視鏡開關



Power Window Switch

電動車窗開關



Warning Light Switch

警告燈開關



Multifunction Switch

多功能開關



Brake Light Switch

煞車燈開關

Engines

Hinges. Locks. Checks

Lamp

Electronics

Handles

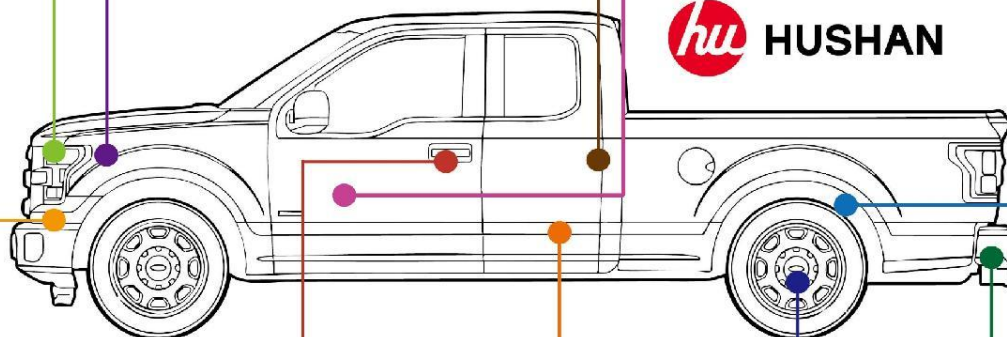
Clips

Wheels

Switch

Cables

Others



Climate Control Module

溫度控制模塊



Impact Sensor

碰撞傳感器



Parking Sensor & Bezel

導車雷達



Tailgate Handle

尾門把手



Window Handle

車窗扶手



Interior Door Handle

車門內把手



Roof Grab Handle

車頂扶手



Glove Box Latch

手套箱把手



Center Console Latch

中央扶手把手



Seat Adjust Handle

座椅調整把手



Exterior Door Handle

車門外把手



Plastic Fasteners

車用扣件



Metal Fasteners

金屬扣件



Blister

泡殼



Tech Tray

車用扣件組



Wheel Center Cap

輪圈中心蓋



Wheel Cover

輪圈蓋



Wheel Nut

輪圈螺絲



Wheel Nut Cover

輪圈螺絲蓋



A/B Pillars

A/B柱蓋



Step Bumper

踏步保險桿



License Lamp

牌照燈



License Plate Bracket

牌照底座



Tailgate Moulding

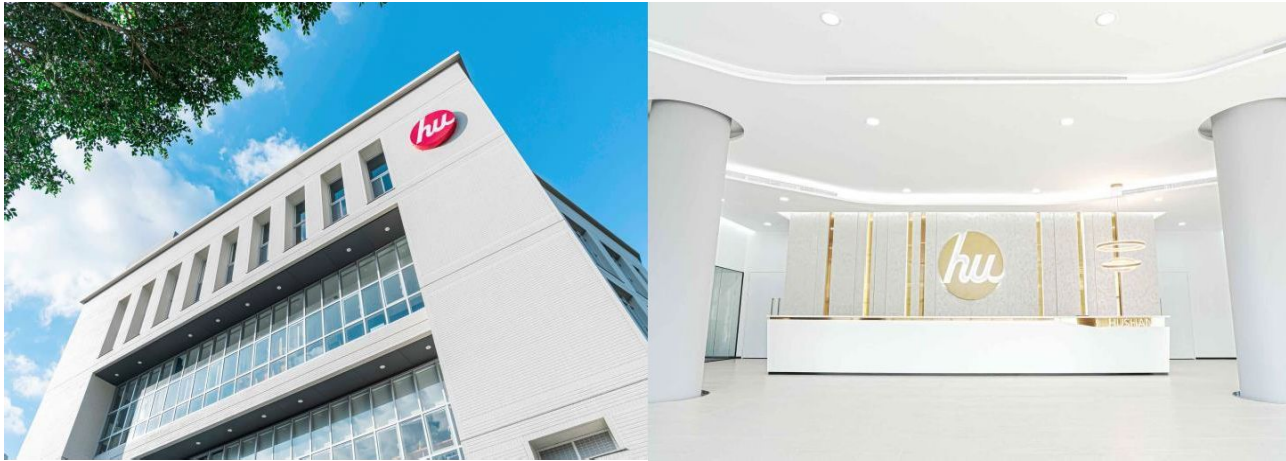
尾門保膠帶



Trailer Hitch Cover

拖車掛鉤蓋

Hushan in Taiwan



Headquarters- Office, R&D Center



Camera, Sensor Factory



Warehouse



Handle Factory

Hushan New Taiwan Plant Ready in Aug- 2026

Doubling our capacity to support future growth!



HUSHAN

CAPA Certified Lab

- **ISO/IEC 17025 Certification:**

- Ensures competent and valid results

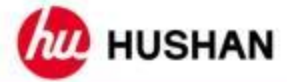
- **Hushan Lab Certification:**

- First and only CAPA certified lab for Camera/Sensor testing CAPA 702/703



HUSHAN

Hushan in CA- VTF & RD Office



Hushan sets up a CAPA certified VTF & RD office in CA in 2022

Address: 318 Carhart Ave. Fullerton CA 92833

- Focus on the development for the Camera/Parking **Sensor/Electronic**



Hushan Group Companies

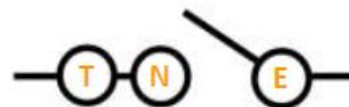


In 2026, Hushan integrated two specialist OE-quality manufacturers into the group, extending its range into vehicle lighting and switch electronics.



TBM / Giant Autoparts Ltd.

- Heavy-duty truck & performance lighting; expansion tanks
- Established 2002 · Europe & U.S. markets
- Vertical integration: tooling, injection, PC-coating, assembly
- Strong photometry & LED module design
- ECE / SAE homologation · ISO 9001 · E-Mark · COP



TNE / Taiyang Naili Electronic

- Automotive switches & electrical modules
- Successor to Niles CTE (Japan Niles JV) · est. 2015
- In-house injection molding & laser engraving
- IATF 16949 certified manufacturing
- Customers: GM, Suzuki, Subaru, Mitsubishi, UD, Luxgen, CMC

OTS Product – Truck Lighting – 1,000+ SKUS



Category	Segment	Share (%)
By Revenue	Headlights	51.8%
	Others	48.2%
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By Volume	Turn Signals	27.9%
	Headlights	17.7%
	Small Lights	16.4%

3574388C93
3574387C93
 HU-IN40510UR
 HU-IN40510UL
 INTERNATIONAL TRUCK
 4100, 4200, 4300, 44000, 8500, 8600
 For Year Version 2003-2009
 Head Lamp
 RH LH
 OE# RH:3574388C93
 LH:3574387C93



HU-IN40510UR

A06-51908-000
A06-51908-000
 HU-FL10530AR
 HU-FL10530AL
 FREIGHTLINER
 Cascadia 2008-C
 (Without dust cover)
 Fog Lamp
 RH LH
 OE# RHA06-51908-001
 LHA06-51908-000



HU-FL10530AR

HU-FL10530AL

P54-1059-100R
P54-1059-100
 HU-KW66510AR
 HU-KW66510AL
 KENWORTH
 T660 2008-2018
 Head Lamp
 RH LH
 OE# RHP54-1059-100R
 LHP54-1059-100



HU-KW66510AL

HU-KW66510A1CR
 HU-KW66510A1CL
 KENWORTH
 T660 2008-2018
 Chrome
 Head Lamp Styling
 RH LH
 OE# RHP54-1059-100R
 LHP54-1059-100
 HU-KW66510A2CR
 HU-KW66510A2CL
 KENWORTH
 T660 2008-2018
 Black
 Head Lamp Styling
 RH LH
 OE# RHP54-1059-100R
 LHP54-1059-100



HU-KW66510AR

A06-51909-001
A06-51909-000
 HU-FL10520AR
 HU-FL10520AL
 FREIGHTLINER
 Cascadia 2008-C
 (Without dust cover)
 Driving Lamp
 RH LH
 OE# RHA06-51909-001
 LHA06-51909-000



HU-FL10520AR



HU-FL10520A1CR

16-09190-R
16-09190-L
 HU-PB38510A1CR
 HU-PB38510A1CL
 PB386 2006-2015
 PB387 2000-2011
 Head Lamp Styling
 Chrome
 RH LH
 OE# RH:16-09190-R
 LH:16-09190-L



HU-PB38510A1CL

HU-PB38510A2CR
 HU-PB38510A2CL
 PB386 2006-2015
 PB387 2000-2011
 Head Lamp Styling
 Black
 RH LH
 OE# RH:16-09190-R
 LH:16-09190-L



HU-PB38510A2CL

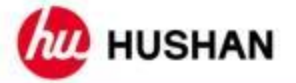
3066731
 HU-PB35510A2C
 HU-PB35510A1C
 PB355 379
 Full LED Performance
 Head Lamp Styling
 Black/Chrome
 OE# 3066731



HU-PB35510A1C

A collection of various automotive lighting components. The items include: a black rectangular fog light with multiple lenses; a large, clear, multi-lens headlight assembly; a curved, clear fog light with multiple lenses; a rectangular headlight with a complex internal reflector design; a small, orange, curved fog light; a rectangular fog light with four circular lenses; a curved, clear fog light with multiple lenses; a long, narrow LED light bar; a rectangular electronic control unit with a label; and a small, rectangular electronic control unit with a circular lens.

Performance Lighting



Projector performance headlamps and LED tail lamps — full optical design with ARTC-verified photometric, EMC and environmental testing.



Third Break Light w/ PAC Product line

923-027 HU-FDX527-OE

FORD

Super Duty Crew/Ext/Reg Cab 2017-2022

High Mount Stop Lamp Assy

W/ Towing Camera System

W/ Camera

OE# HC3Z13A613G



923-223 HU-FDX223-OE

FORD

F150 Crew Cab/Extended Cab/Hybrid 2021-2024

High Mount Stop Lamp Assy, LED TYPE

W/ Camera

OE# NL3Z13A613A



HUSHAN

Switches — Push / Dimmer / Seesaw



TNE push, comprehensive, dimmer and thin seesaw switches — IATF 16949, designed for night-driving visibility with minimal part count.

Push type Switch



Push type comprehensive switch



Dimmer type Switch



Thin type seesaw switch



Switches — P/W, Column & Steering

TNE power-window main, column and steering-wheel assemblies (dial & push) — high-operability designs with tactile feedback.

P/W Main Assy Switch



Column Assy Swith



Strg Assy Swith (Dial type)



Strg Assy Swith (Push type)



US Postal Service (USPS) Next Gen Delivery Vehicle in 2023-2033 (Total 165,000 Vehicle)

Hushan supplies NGDV (USPS) Display, AVM Camera System With ECU

Total reach +165,000 units in next 10 years

Explore business with DHL, UPS, School buses, and Fleet vehicles

Arround View Camera System The United States Postal Service's new mail trucks (USPS NGDV)



Camera

5/8 inch Automotive Sensor
W/ Nidec Lens



Monitor

12.25 inch 1920x720p
Brightness 1000 nit



Head Unit Module

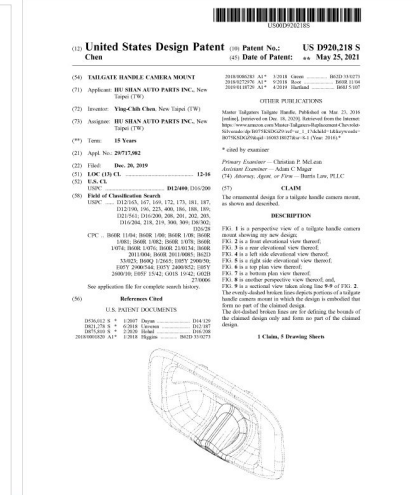
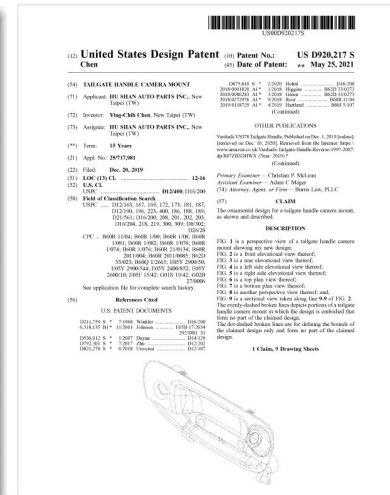
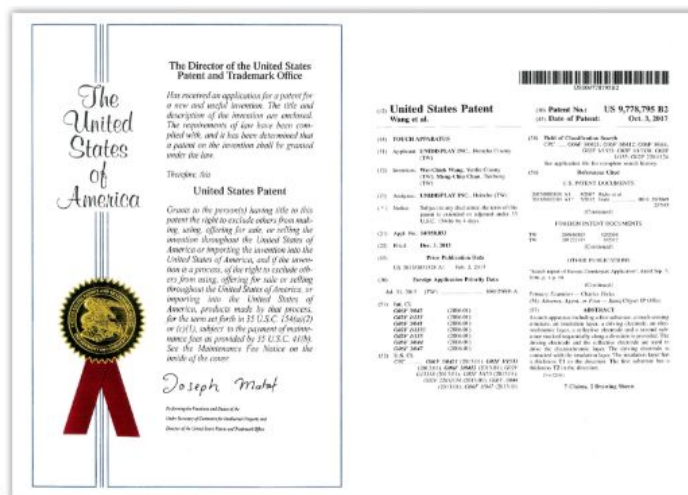
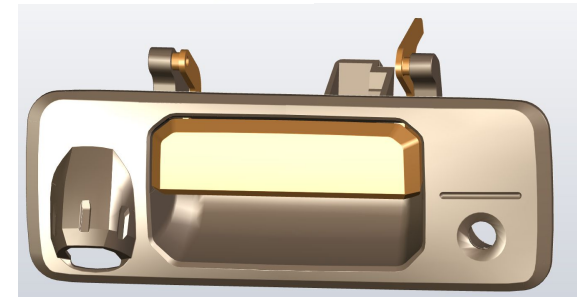
TDA4VMA-Q1, Linux
4GB LPDDR4
32GB eMMC
WiFi (6px), BT 5.0



Door Handle



- Exterior/Interior Handle
- Tailgate Handle (With/Without Camera)
- Smart Keyless Handle
- **Development Capabilities:**
- 3D Design & Prototyping (3D Print)
- In-house Production & Assembly
- In-house Testing:
 - Salt Spray Test
 - Pull-out, Insertion, Cycle Life Tests





HU-IN3101A/M/MP-F

Exterior Door Handle

Front RH=LH

LoneStar

2009-C

DuraStar/4000

2001-C

TerraStar

2010-2015

LoneStar

2009-C

Prostar

2007-C

WorkStar

2008-2018

OE Number

2511120C91

2594006C1

2587515C1L-Chrome



Fit Both Sides in One



OEM PROBLEM



- OE handle is plastic
- Become brittle over time



HUSHAN IDEA



- Replace with metal
- 3 times stronger
- > 200 % product life cycle
- Reduce inventory

IMPROVEMENT



- OE has 2 different type for LH & RH

IMPROVEMENT



- Fit both side with one handle



Sprinter
2019-C



HU-BZ3953A-RER
Exterior Door Handle
Sliding RH=LH
Sprinter 2019-C

OE Number
Handle: 91076039009B27
Cover : 91076038009B27
91076036009B27



> 100 % Product Life Cycle



OEM PROBLEM



- Become brittle over time
- Prone to breakage
- Limited product lifespan



HUSHAN IDEA



- Add metal plate
- 5 times stronger
- > 100 % product life cycle

IMPROVEMENT

Heavy Duty Products

Wide Selection and Low MOQ (See Recommended attached)

- Over 800 SKUs Available for Heavy Duty Products
- New product development over 50 SKUs annually

Handles:

- OE handle supplier for Paccar
- OES supplier for International
- How we make improvements:
 - Identify OE's failure and make improvement before development
 - We don't copy over OE's failure, as we try to make better products.

Windows Regulator:

- Over 100 SKUs available and supplier for Paccar
- Best sellers with annual volume over 10,000pc





HUSHAN

THANK YOU



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