



PRODUCT
CONCEPTUALIZATION,
ENGINEERING,
MANUFACTURING



Industrias Ochoa is a family owned company established in 1970 in Valencia, Spain and since 2011 in **Queretaro, Mex.** Industrias Ochoa's core activities are **ENGINEERING**, including tooling design and construction as well as **MANUFACTURING** of subassemblies where **STAMPING and WELDING** are main operations.

Since 2011 Industrias Ochoa expands its manufacturing capabilities to **Queretaro, Mex.** thru its subsidiary **IOMEX**

LOCATIONS:

Valencia, Spain: HQ, R&D, Engineering, Tooling Construction, Stamping & Welding operations

Queretaro, Mex: Stamping & Welding, Tool room to properly maintain dies and fixtures as well as Metrology laboratory

CAPABILITIES & SUPPORT

- Stamping presses ranging from 30 to 1100 tons.
- Bed sizes from 600 to 3200 mm.
- Multislide Presses (Bending Machines)
- Robot Welding units



MEDIUM-LARGE STAMPING

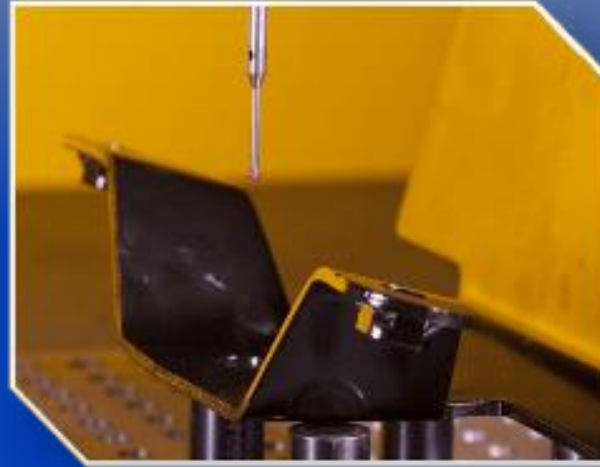


SMALL STAMPING & BENDING



ADVANCED CAPABILITIES

- Complete Tool Room for die maintenance and construction capability.
- Complete Metrology Lab.- CMM Product Validation, for dimensional inspection of stamped and welded parts.
- 3D Product modeling and 3D printing.



TOOL, DIE AND FIXTURE DESIGN & BUILD



Certificate of Approval

Awarded to

**INDUSTRIAS OCHOA MEXICANA S. de R.
L. de C.V.**

Carretera Estatal 431 Km 2 + 200 Lote 65
76248 - El Marqués - Querétaro Mexico

Bureau Veritas Certification certifies that the Quality Management System of the above organisation has been audited and found to be in accordance with the requirements of

IATF 16949

and the applicable customer specific requirements



SCOPE
Manufacturing

PERMITTED EXCLUSION(S)

8.3 - Design and development of products and services

PRODUCT(S) DELIVERED

Stamping, welding, coated and assemblies parts

Date of completion: 11 May 2018

Date of expiration: 10 May 2021

Bureau Veritas Certification Certificate N° 010-A-160012-15

IATF Certificate N° 204204

Bureau Veritas Certification is a member of the Bureau Veritas Group, a leading provider of independent certification services.

Page 1 of 2

IATF 16949 CERTIFICATE

...SOME OF OUR CUSTOMERS





- Chassis Bracket
- Progressive Stamping 7.1mm thickness



- Differential Spherical Washer
- 0.61-0.64mm Thickness
- FNC Heat Treatment

... Some of our products



- Transmission Bracket
- Progressive Stamping 5.5mm thickness
- Spot welded nuts
- Ecoat



- Progressive Stamping
- Stainless Steel
- 3.0 mm thickness

BRACKETS IN PRODUCTION



IN PRODUCTION
685509313AA - LEVER SHIFTER
VF MY 2022 PROMASTER
Process: Stamp + Rivet + Ecoat +



IN PRODUCTION
68508909AA - VACUUM PUMP BRKT
VF MY 2022 PROMASTER
Process: Stamp + Weld + Ecoat + Assembly



IN PRODUCTION
68512082AA - BRKT GEAR SHIFT
VF MY 2022 PROMASTER
Process: Stamp + Ecoat + Assembly

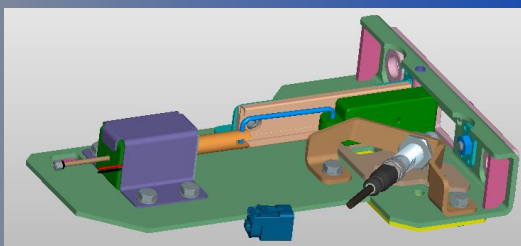


IN PRODUCTION
68361325AA - TRANSMISSION BRKT
DJ (Saltillo Truck)
Process: Stamp + Weld + Ecoat

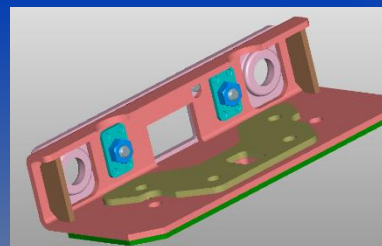


IN PRODUCTION
68508909AA - BRKT FUEL LINE
VF MY 2022 PROMASTER
Process: Stamp + Weld + Ecoat + Assembly

MECHATRONICS – LATCH RECEIVER

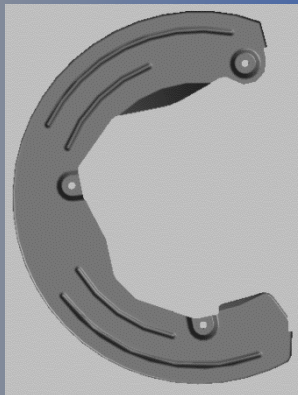


TOOLING FINISHED, PPAP PHASE
68569591AA - A-PILLAR LATCH RECEIVER
RAM PROMASTER BEV
Process: Stamp + Weld + Ecoat +
Assembly + Electrical Verification



TOOLING FINISHED, PPAP PHASE
68569595AA - B-PILLAR RECEIVER
RAM PROMASTER BEV
Process: Stamp + Weld + Ecoat +
Assembly

SPLASH SHIELDS



IN PRODUCTION

52122242AE & 52122243AE – SPLASH SHIELDS

DJ PROGRAMM

Process: Stamp, Ecoat

Destination: AAM SILAO



IN DEVELOPMENT

68584888AA & 68584889AA – SPLASH SHIELDS

LB WHEEL DISC BRAKE FRT

Material: Aluminum



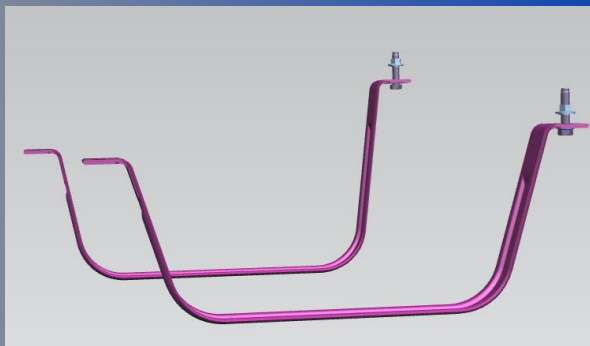
IN DEVELOPMENT

68584900AA & 68584901AA - SPLASH SHIELDS

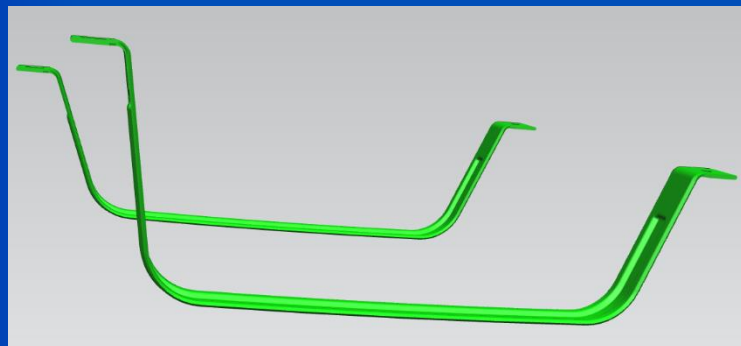
LB WHEEL DISC BRAKE RR

Material: Aluminum

FUEL TANK STRAPS



IN DEVELOPMENT
68572560AA & 68584100AA –
FUEL TANK STRAPS
DT – WS PEGASUS
Process: transfer + Welding + Ecoat

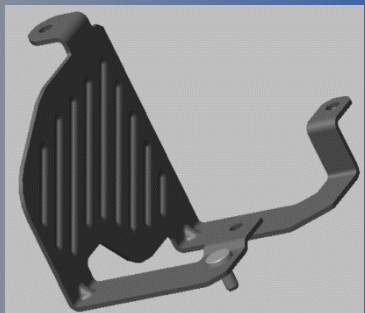


IN DEVELOPMENT
68593894AA & 68593895AA –
FUEL TANK STRAPS
DT – WS PEGASUS
Process: transfer + Welding + Ecoat

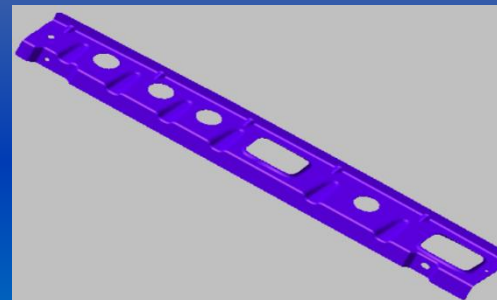


IN DEVELOPMENT
68591397AA & 68591398AA –
FUEL TANK STRAPS
LB
Process: transfer + Welding + Ecoat

NEW PROGRAMS TOOLING BUILT



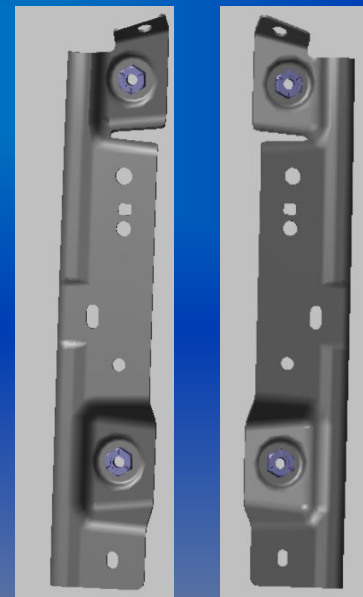
PPAP OK – SOP 2023
68573145AA - COMPRESSOR COVER
VF BEV
Process: Stamp + Stud Weld + Ecoat



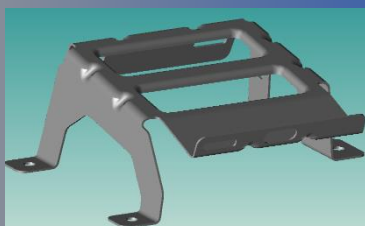
TOOLING FINSHED – PPAP PHASE
68548958AA - TAILGATE REINFORC. LOWER
DT
Process: Aluminum Stamping



PPAP OK – SOP 2023
68571908AA - CSWM ECU BRKT ASM
23.5 MY VF BEV
Process: Stamp + Spacer Weld + Ecoat

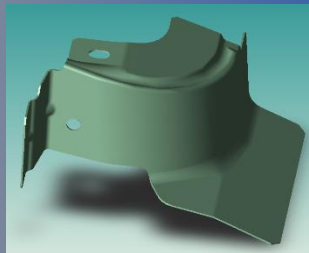


TOOLING FINSHED – PPAP PHASE
68527154AA & 68527155AA –
A-PILLAR BRKT RT/LT
JL-JT 2024
Process: Stamp + Welding + Ecoat

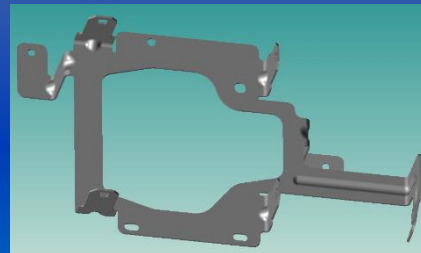


TOOLING FINSHED – PPAP PHASE
55079517AA - BRKT QTR PANEL
JL 2024
Process: Stamp + Ecoat

AWARDED PARTS – TOOLING IN CONSTRUCTION



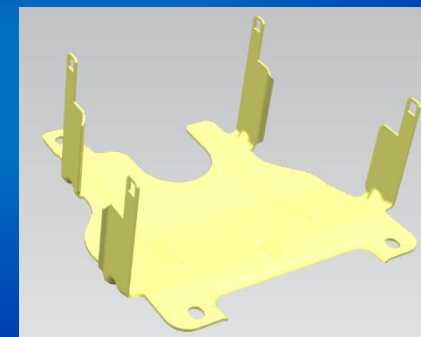
IN DEVELOPMENT
68578500AA – LINK SIDE RT
VF BEV POCKET DOOR
Process: Stamp



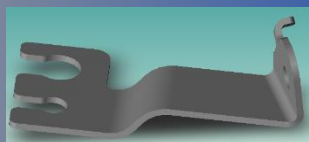
IN DEVELOPMENT
68589895AA – BRKT MODULE MOUNT.
LB 2024
Process: Stamp + Ecoat



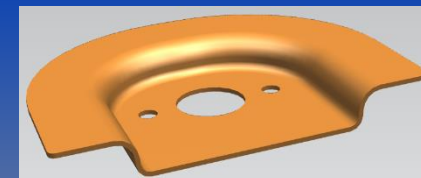
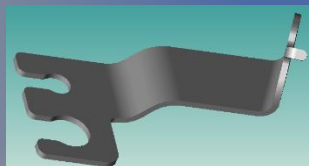
IN DEVELOPMENT
68593968AA – BRKT WIRING
KM-49 2024
Process: Stamp + Ecoat



IN DEVELOPMENT
68593568A – BRKT MODULE MOUNT.
LB 2024
Process: Stamp + Ecoat



IN DEVELOPMENT
68578852AA & 68578852AA
BRKT-BRAKE HOSE WHEEL SPEED
SENSOR RT/LT
EJ BEV 2025
Process: Stamp + Ecoat



IN DEVELOPMENT
68623455AA – REINF. COOLING INLET
LB 2024
Process: Aluminum Stamp + Ultrasonic
Clean

THANK YOU



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