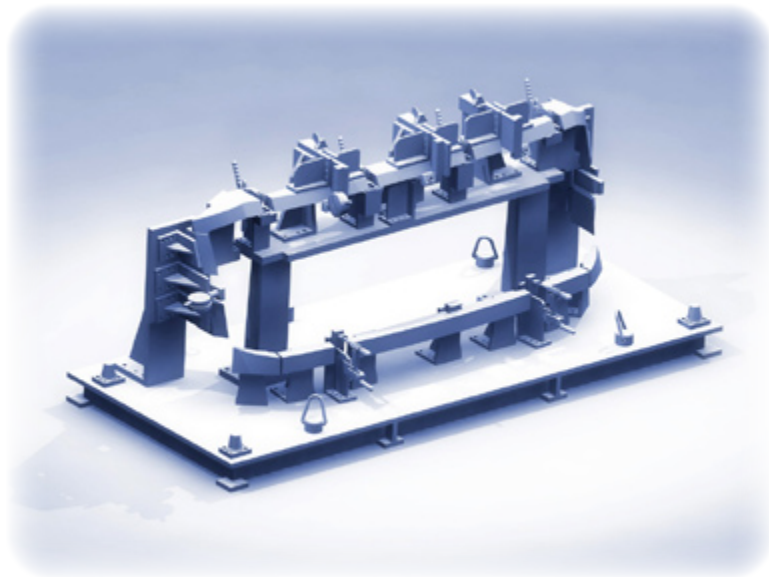




Design & Manufacture
Quality Fixtures and Gages



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Advantage Design & Tool, Inc.

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Quality Policy

“We will achieve customer satisfaction by continually improving processes, products and services to ensure they consistently meet or exceed requirements.”

Formed in early 1990, Advantage Design and Tool, Inc. has been a leader in the design and manufacturing of fixtures and gages directly for O.E.M. and Tier 1 suppliers. We are a high-tech company utilizing the latest in Computer Aided Design, CNC machining and CMM inspection technology. As a family owned and operated company, we take pride in maintaining superior quality, timing, and customer satisfaction.

Advantage Design and Tool, Inc. is implementing ISO 9001:2000 to better serve our customers. Our management team consists of qualified people, fully experienced in hands-on design and development of fixtures and gages. This ensures excellent communication with our customers and also within our own design, manufacturing, and quality control departments.

We thank you for taking time to examine our company and we look forward to working with you in the near future.

You may also visit our web site at: <http://www.advantagedesign.com>

Mission Statement

Advantage Design & Tool, Inc. will continually strive to be recognized as an innovative leader of full-service design and manufacturing of quality built fixtures and gages. Success is achieved through leading edge technologies, supporting a teamwork environment, our obligation to customer satisfaction by meeting customer requirements, and the continual commitment to our quality management system.

Fixtures & Gages

Advantage Design & Tool offers a wide range of products to ensure quality in your design and manufacturing process. Our fixtures and gages are held to the highest standards. Quality and repeatability in our products will help reduce the transition time from prototype to full production.

Some of our fixture and gage capabilities include but are not limited to:

- C.M.M. holding fixtures
- Assembly fixtures
- Attribute check fixtures (full form with S.P.C. ports)
- Prototype / In process fixtures and wood models
- Automotive and Aircraft drill templates, punches and dies
- Precision gages for high tolerance safety components
- Guaranteed Repeatability and Reproducibility
- Superior quality and precision

Plastic Parts:

Grilles, Fascias, G.O.R.'s, Rocker covers, I.P. components, Wheel flares and liners, Outer Body side Moldings, Step pads, Interior/Exterior trim components, Mirror housings and assemblies, Seat components.

Metal Stampings:

Frame rails, engine mounts, wheelhouse components, underbody pans and covers, misc. brackets and panels.



Design Services

Advantage utilizes the best and latest in CAD technology. 3D Solid modeling is the latest tool that greatly reduces unforeseen design and build errors. Advantage has been designing in 3D solid/surface modeling since 1995.

Key Benefits

- Actual representation of the product.
- Product simulation of potential problems
- Reduced manufacturing time.
- Superior quality.
- Design can be emailed in Adobe PDF for review.

Capabilities:

Catia
I-Deas
Unigraphics
AutoCad
Mechanical Desktop
SolidWorks

Data Transfer / Translation

Advantage offers Data/Media translation services. Due to possible translation errors, many suppliers have elected to supply data in its native format. This can create problems for small companies who do not have some of the high end CAD systems. We are constantly upgrading our hardware and software systems. Please check our web site for any updated information.

CAD Systems

CATIA
I-DEAS
Unigraphics
Autocad
Mechanical Desktop
Solid Works
PC-Dmis

Other File Formats

IGES
STEP
VDAFS
ACIS
VRML

Media & Transfer Methods

High speed FTP transfer
IOMEGA Zip Drive
CD-ROM (Read & Write Capabilities)
DVD (Read & Write Capabilities)
4mm DAT, (UNIX "tar")
1.44 MB Floppy Drive

Consulting Services

Advantage offers consulting services to aid customers with Gaging requirements. Many times the supplier is handed the responsibility for establishing GD&T and SPC locations. Our extensive knowledge in these areas can be used to ensure greater Gage repeatability and reproducibility.

CNC Services

Advantage Design & Tool can offer Cutter path programming and CNC services for low production demands. Call or e-mail us for more information about these services.

CMM Inspection / Certification

- Full Gage Certification
- 3rd party certification
- Statistical analysis for R&R
- PPAP capability studies

