



TEL: 858-488-5231

WWW.REVERSEENGINEERING.COM

REVERSE ENGINEERING SOFTWARE FOR SOLIDWORKS



Image Courtesy of
Franklin Shelley@ Gearles Designs

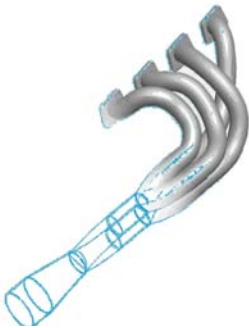


Image Courtesy of
Auto Research Center

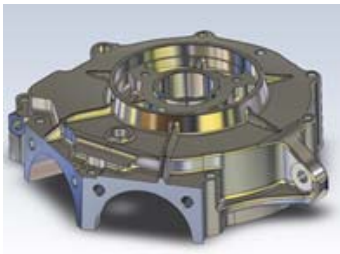


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ADVANCED

- Set 3 point axis; Desktop 3 points equal 0,0,0 in SolidWorks; represents x, y plane
- Turns SolidWorks into a dynamic digitizing platform
- 3D Features Digitize Entities
 - Points, Open Line, Closed Line, Open Spline, Closed Spline,
 - (Complete Freeform 3D digitizing in SolidWorks)
- 2D Features Digitize Entities in SolidWorks Sketch Planes
 - Points, Open Line, Closed Line, Open Spline, Closed Spline, (all of the above with or without Points Displayed)
- Create Circle, Arcs & Rectangles
- Complete "Target & Lock" cutplane axis system
- Measure Point to Point in real time
- 3D Axis Plane Tolerancing and Auto Align Features
- Enables users to define sensitivity of the digitizing device

INDUSTRIAL

Includes all ADVANCED functions plus:

- Create automatic 3 point Sketch Planes with digitizer
- Measure sphere via 4 points and find Center
- Measure angle between planes
- 2D digitize Ellipses, 3 point rectangles & pick center circles for absolute modeling of shafts
- 3D cutplane entity creation for planerized entities without sketch plane association. Profiles used for trimming solids/surfaces
- Cutplane offset with digitizer for quick and easy sketch plane creation

Added-Value Power Feature Modules

Feature PLUS 1

Measurement and analysis plug-in of time saving digitizer power features, digitize by time, digitize by distance, and SMARTSTITCH. ADVANCED or INDUSTRIAL required.

Feature PLUS 2

Automated mapping functions to digitize large over-size objects. ADVANCED or INDUSTRIAL required.

Feature PLUS 3

Part to CAD. Align CMM coordinates to CAD coordinates for real time comparison. ADVANCED or INDUSTRIAL required.

Feature PLUS 4

Real time inspection feature including holes, spheres, cones, etc. ADVANCED or INDUSTRIAL required.

Feature PLUS 5

HighRES Integrated Point Processor (HIPP); bring point clouds direct into SolidWorks as native entities.

Eliminate the need to import free form digitized geometry

- Digitize Direct in your native CAD
- Modify and evaluate your 3D generated models
- 2, tiered software options, for the advanced user through the industrial
- Link directly to your portable CMM