



TEL: 858-488-5231

WWW.REVERSEENGINEERING.COM

REVERSE ENGINEERING SOFTWARE FOR PRO/ENGINEER



Image Courtesy of
Franklin Shelley@ Gearles Designs

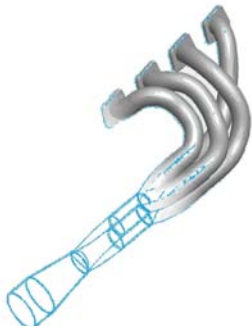


Image Courtesy of
Auto Research Center

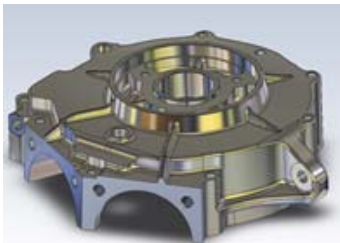


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ADVANCED

- Set 3 point CSYS with default datum planes; Desktop 3 points equal 0,0,0 in Pro/E
- Turns Pro/E into a dynamic digitizing platform
- Track and inspect part with real-time stream x, y, z coordinate position on screen
- 3D Features Digitize Entities
 - Points, Open Polyline, Closed Polyline,
 - Open Spline, Closed Spline,
 - Open Spline 2 Point

INDUSTRIAL

Includes all ADVANCED functions plus:

- Select 2D Plane
- Pick any user defined Datum Plane & build 2D entities for Solids or Surfaces
 - 2D Features Digitize Entities
 - Points, Open Polyline, Closed Polyline,
 - Open Spline, Closed Spline,
 - Open Spline 2 Point
- Select 2D Cutplane (Set Digitizer probe tip to user defined tolerance
 - to filter out points that are not within the specified distance
 - to user defined datum plane)
 - 2D Cutplane Point, Open Polyline, Closed Polyline
 - Open Spline, Closed Spline, Open Spline 2 Point
- Build Circles & Rectangles from user defined digitized points

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 Pro/Engineer as native entities.

Eliminate the need to import free form digitized geometry

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