

AIM Bike Crank - Geometry

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Problem Specification

1. Pre-Analysis & Start-Up
2. Geometry
3. Mesh
4. Physics Setup
5. Numerical Results, Verification & Validation

Geometry

The geometry has been created in SolidWorks and saved as a Parasolid file. [Download the Parasolid file.](#)

The following video shows you how to navigate ANSYS AIM and import the Parasolid file.

Summary of above video:

- Choose a structural template to begin the process
- Import the geometry when prompted
- Suppress the pedal and Part9 to keep just the bike crank part

[Go to Step 3: Mesh](#)

[Go to all ANSYS AIM Learning Modules](#)