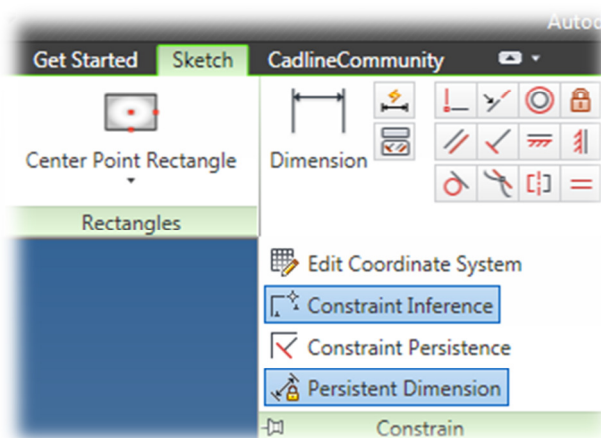


Constraint Inference and Persistence in Inventor 2010, 2011 and 2012

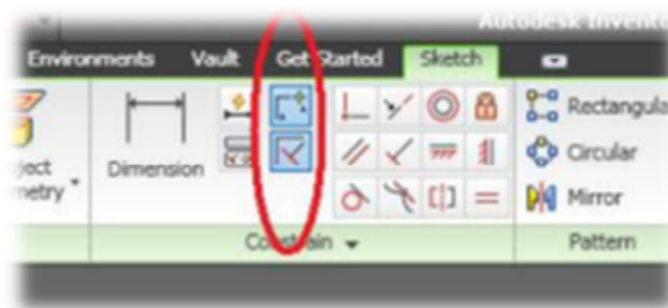
You may find that your lines in sketches are not behaving as you intended and that the constraints that were placed during the creation of your sketch seem to have disappeared; this is usually as a result of constraint inference or constraint settings.

Basic level Inventor users

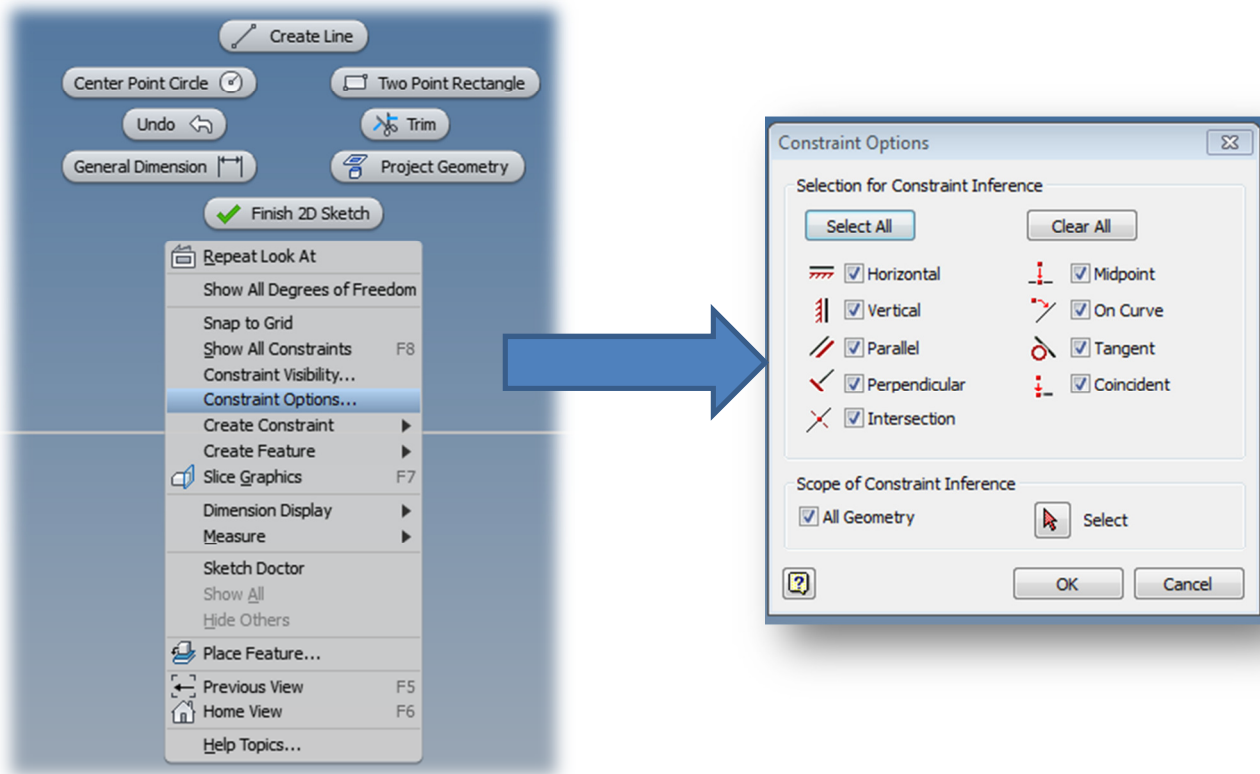
This can be remedied by ensuring that the constraint inference and persistence buttons are depressed as per the image below for Inventor 2011/12



In Inventor 2010, the Inference and Persistence are not on a drop down; they are displayed next to the constraints



Another thing to look out for, is your Constraint options, these are found by **right clicking** in any sketch and selecting **Constraint options**



By default (when Inventor is installed) **All Geometry** is ticked. It is worth restoring this setting.

Additional Notes from the Inventor help files on Inference and persistence; you can also enable or disable constraint inference or persistence using Constraint Inference and Constraint Persistence in the Constrain panel of the Sketch tab. Persistence is automatically disabled if inference is turned off, but inference can be enabled with persistence turned off. If Constraint Inference is disabled, constraints cannot be selected in the Constraint Options dialog box