

## Project Development & Delivery - Digital Design and Modeling Services

### Support Guide

Application/Tool(s): AutoCAD / Civil 3D  
Version(s): 13.8.1704.0 Civil 3D 2026.2.1 Update  
Environment: MDT Civil 3D State Kit 2026.1.0  
Released/Revised: 7/28/2026



**SUPPORT**  
Open a Case

## CIVIL 3D 2024 TO 2026 CUSTOM SUBASSEMBLIES AND ASSEMBLIES

### **ISSUE:**

Customized subassemblies and assemblies that are not delivered with the MDT Civil 3D State Kit are not upgraded for use with Civil 3D 2026. Any subassembly or assembly created and saved for project specific needs is considered custom.

Civil 3D 2026 subassemblies are referenced to an external file called a PKT file. All existing drawings created prior to MDT Civil 3D State Kit 2026.1.0 making use of custom subassemblies that are not upgraded can cause warnings and errors, issues displaying correctly, loss of target parameters, or broken assembly connections leading to corridor failures.

Civil 3D 2026 assemblies are sourced from a DWG file when initially placed. Using a custom assembly that is not upgraded can cause corridor failures, missing subassembly errors, and failed target mapping.

### **SOLUTION:**

The subassembly PKT files and assembly DWG files will need to be upgraded to 2026.

### **REFERENCE**

[Managing Subassembly Reference Files PKT in a DWG and For Projects](#)

### PROCEDURE:

#### Prerequisites:

- Civil 3D 2026
- State Kit Updater 2026.1.0.0 or later
- Latest Civil 3D 2026 compatible MDT State Kit installed
- Civil 3D 2026 drawing files

#### Subassemblies

- 1) *Launch* **AUTODESK SUBASSEMBLY COMPOSER 2026**.
- 2) *Choose* **FILE** > **OPEN...**.
- 3) *Locate* the custom PKT file. This should be saved on Forma with the project files.
- 4) *Choose* **FILE** > **SAVE**.

#### Assemblies

- 1) After updating any subassemblies that may be included in the subject assembly, *Open* Civil 3D using the “Civil 3D 2024 Montana” shortcut..
- 2) *Open* the assembly DWG file. This should be saved on Forma with the project files.
- 3) After the subassemblies update, *Save* the assembly drawing and close.