

General Description

- Chrysler had decided to re-launch the Dodge Viper in the Conner Avenue Assembly Plant and engaged TPT to review station human factors including documentation of assembly flow and MODAPTS for the pilot run of the 2013 Dodge Viper
- TPT also developed and implemented improvements for ergonomics, improved material flow and direct labor savings

Scope

- Review current work instructions and prepare MODAPTS analysis of all work being performed in chassis build-up and final assembly
- Review station layout and make suggestions to improve flow and decrease waste
- Make suggestions to increase production repeatability of good quality

Success



Completed MODAPTS analysis of all work stations, implemented over 20 assembly change suggestions for a net savings of 7% in direct labor