BMW

***F15/F16 Floorpan station 180-*** If manual rivet gun wont work, first check mandrel count; reset by putting in password 2010,select option 3 for counters, next press RAZ to reset mandrel count.

***CD Welders camera-*** To view camera: open easybulder camera software. Select camera you want to view. At the top of the page select View , at the bottom of that drop down window click spreadsheet. This will pull up all your parts styles that machine runs. To make adjustments select if its failing bushing or stamping. Then see what part of the bushing or stamping is failing. Double click on whats failing either pattern, plug check, circle check, edges. You can make adjustments to the model setting or find region.

***Weld guns-*** If you are unable to clear a dterr alarm after restarting a robot you may need to frop the tool off, but the robot wont reset. You can run the robot by disabling the weldgun, you do this by: going to the menu page, press test cycle, then setup, then at the bottom of the page select which auxillary group you want to disable (usually group 2 or 3).

***Robot Cameras-*** When touching up a position from a conveyor or anything else with a camera, when you touchup that position and it asks you to subtract the offsets from that move select YES.

***DCS-*** these are possible codes when you remaster a robot -13682-9246

Paccar

***Backwall rack-*** when doing the rack count your register should be one number above your group output. So if there are no parts in the rack the register should be at 1 and your group out put needs to be zero.

***Henrob-*** when you get the rivet fault called double rivet block, first check to make sure if there is a rivet there or not before re-riveting. When you are ready to rivet you will have to toggle your digital output CLEAR RIVET SET to clear the fault.

***Henrob-*** If you get a homing fault or excessive deviation, you usually have a broken shear pin and will have to replace the pin offline.

***BZAL-*** When this alarm happens first you need to check your cables going to the gun making sure they are tight. After you do that you will probably need to drop the gun on the toolstand. Once you drop it off clean off the pins with contact cleaner on both the tool and the robot side, then you will have to hit the menu button, then find system, then go to gun master, once selected at the bottom it will say bzal press the corresponding F key. Then you will have to reboot the robot.