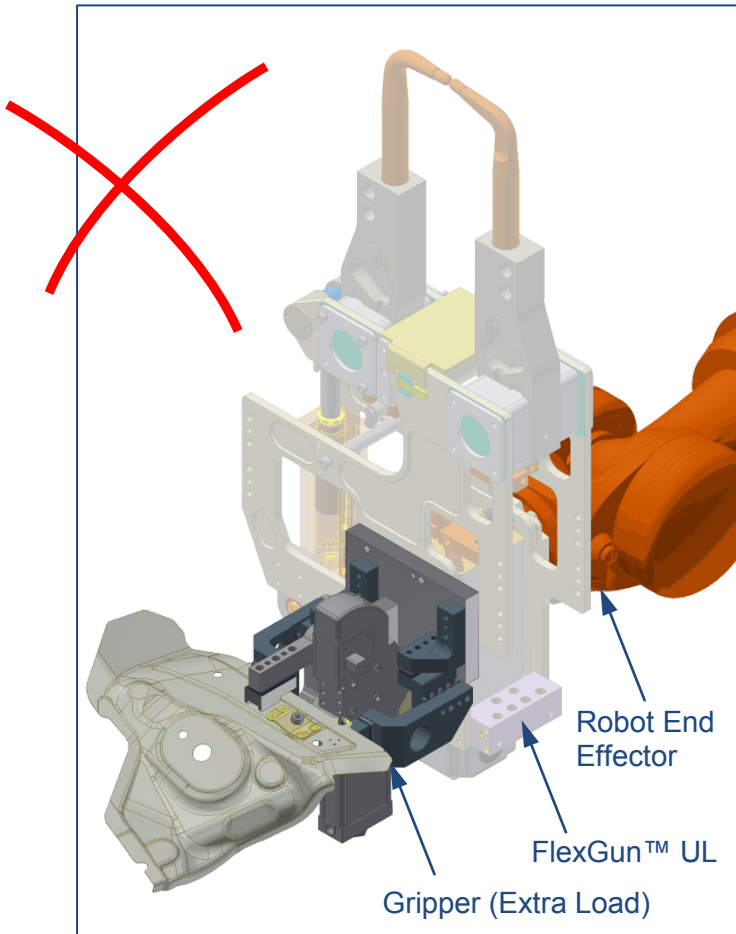


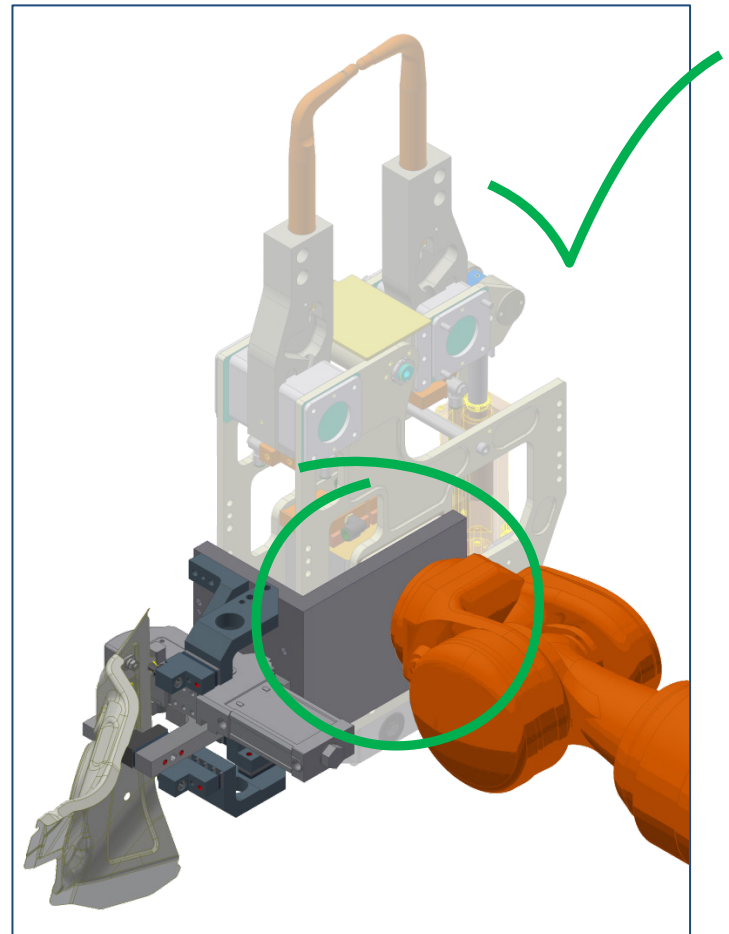
Mounting Extra Loads on FlexGun™ UL and Robot



Mounting extra loads anywhere on the FlexGun™ UL is

INCORRECT

The extra load adds additional mass to the FlexGun™ UL. During rapid robot motions, it can result in excessive stresses and deflections in the gun structure.



Mounting the extra load directly on the robot mounting flange is

CORRECT

The extra load (gripper in this case) should be mounted directly to the robot mounting flange, then the FlexGun™ UL should be attached at the same location. This setup allows the additional loads to transfer directly to the robot, not to the welding gun.

(Note: In the examples above, a gripper is shown as the extra load mounted on the FlexGun™ UL–Robot assembly. However, this application guideline also applies to other items such as date stamps, adhesive applicators, etc.