



# RIVET BONDING HANDS-ON SKILLS DEVELOPMENT (ST005L01)

## FACILITY PREPARATION CHECKLIST

Thank you for your interest in participating in the I-CAR® Rivet Bonding Hands-On Skills Development course. Taking this action is a meaningful step for your student's professional growth.

**Please provide the following PERSONAL items for each technician:**

- Government issued photo ID
- Ear protection (muffs or plugs)
- Safety glasses (must be worn at all times)
- Nitrile gloves
- Leather gloves
- Work shoes/boots (no tennis shoes)
- Dust mask

**Please provide the following SHOP EQUIPMENT:**

- Self-piercing rivet (SPR) installation tool
- Tool for installing solid rivets (must be able to set steel and aluminum solid rivets)
  - Air hammer and bucking bar and/or
  - Solid rivet die set for SPR installation tool (3/8" flat rivet head)
- Blind rivet gun
- Two-part panel bonding adhesive with appropriate:
  - Application gun
  - Mixing tip
  - Technical data sheet (TDS)
  - Safety data sheet (SDS)
- Sturdy mounted vise
- It is strongly recommended to have an extra die set for the SPR installation tool, so the event can be completed if the die set breaks.

**Please provide the following SMALL SHOP TOOLS:**

- Drill
- Hardened drill bits (6.5 mm and 8 mm)
- Grinder and/or file belt sander
- Coating removal tool and consumables (80 grit or finer)
- Deburring tool
- Two pair of locking pliers (for each technician)
- Ball peen hammer
- Solid center punch
- Drift punch (3 mm)
- Body hammer and dolly
- Alcohol-based cleaner
- Solvent cleaner
- Shop towels/rags