



GroundControl Earth Bond / Ground Stud Installation System

Fast · Clean · Weld-Free · Corrosion-Resistant

The GroundControl Earth Bond system is designed for easy attachment of weldless ground studs to metal plate. The complete system includes hydraulic hand tools, a range of available ground studs, and ground strap fastening hardware. Easy one-hand operation setting tools are available for both thick and thin plate. Studs are a conductive bilaminar (copper core) design with extremely low electrical resistance. The system supports both through hole and blind hole installation. No surface preparation of the plate is required, conductive ground path is via the internal drilled surface. Both UNC and metric thread studs are available.



- Fast installation equals cost savings
- Universal application: may be applied to any suitable chassis location
- Bond installed from one side
- No surface preparation of bonding area required
- Minimal operator training needed
- Professional appearance and aesthetic

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Fast, clean, weld-free, corrosion-resistant

HYDRAULIC SETTING TOOLS



Hydraulic Setting Tool				
Part Number	Pulling Force	Weight	Length	Optional Test Gauge
PMT6	10KN	1.28 kg	185mm	80928
PMT6C	10KN	1.28 kg	185mm	80928
PMT8	18KN	1.28 kg	185mm	80928
PMT10	25KN	1.28 kg	185mm	80928

FOUR-STEP INSTALLATION PROCEDURE

1. Drill a hole, diameter dependent on thickness and size of bonding stud
2. Screw the bond into the nose of the tool
3. Position stud in hole and repeatedly press tool lever until calibrated end point is reached. Unthread tool from stud.
4. Attach the cable to the bond and tighten the nut

The installation is complete!

