

TECHNICAL BULLETIN 02

PRODUCT: T200 Thruster with pre-installed penetrator (T200-THRUSTER-BROV2-CCW-R1-RP, T200-THRUSTER-BROV2-CW-R1-RP, T200-THRUSTER-BROV2-SPARE-R1-RP)

SUBJECT: Poor adhesion of potting on T200 Thrusters with pre-installed cable penetrator.

SUMMARY: On a small number of pre-potted cable assemblies (estimated 1 out of every 1000 cables Blue Robotics manufactures), it has been found there is poor adhesion to the aluminum for undetermined causes.

These affected cables will not seal properly and have been found to pop out of penetrators when gently tugged.

IDENTIFICATION: Blue Robotics recommends conducting the early [Optional Preliminary Vacuum Test](#) in the BlueROV2 instructions to check for adhesion integrity.

Gently tug on all cables potted into cable penetrators and ensure they are well seated and adhere properly.



Figure 1. Cable Penetrator with poor adhesion to aluminum cable penetrator.

CUSTOMER ACTION: If you have an affected cable, please use the below contact information to begin the RMA process and receive a replacement thruster.

BLUE ROBOTICS ACTION: Blue Robotics is currently reviewing and implementing changes in our production process to resolve the issue permanently going forward.

CONTACT:
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