

TECHNICAL BULLETIN

ECU THERMAL PROTECTION

THE PRESENT TECHNICAL BULLETIN CONTAINS TECHNICAL INFORMATION AIMED TO SUPPORT/IMPROVE DRASS EQUIPMENT CURRENTLY IN OPERATION.

YOU ARE KINDLY REQUESTED TO:

- COMMUNICATE IF THIS DOCUMENT AND THOSE FOLLOWING HAVE TO BE SENT TO DIFFERENT E-MAIL ADDRESSES.
- REVERT FOR ANY CLARIFICATION NEEDED.
- INVOLVE DRASS FOR IMPLEMENTATION OF SUGGESTED MODIFICATIONS (IF ANY).
- ALWAYS INFORM DRASS OF ANY MODIFICATION TO DRASS EQUIPMENT TO VERIFY SAFETY, ALLOW TRACEABILITY AND LIFE CYCLE SUPPORT.

PLEASE NOTE THAT TECHNICAL BULLETINS WILL BE AVAILABLE AT WWW.DRASS.IT FOR PERMANENT CONSULTATION.

REASON FOR ISSUE

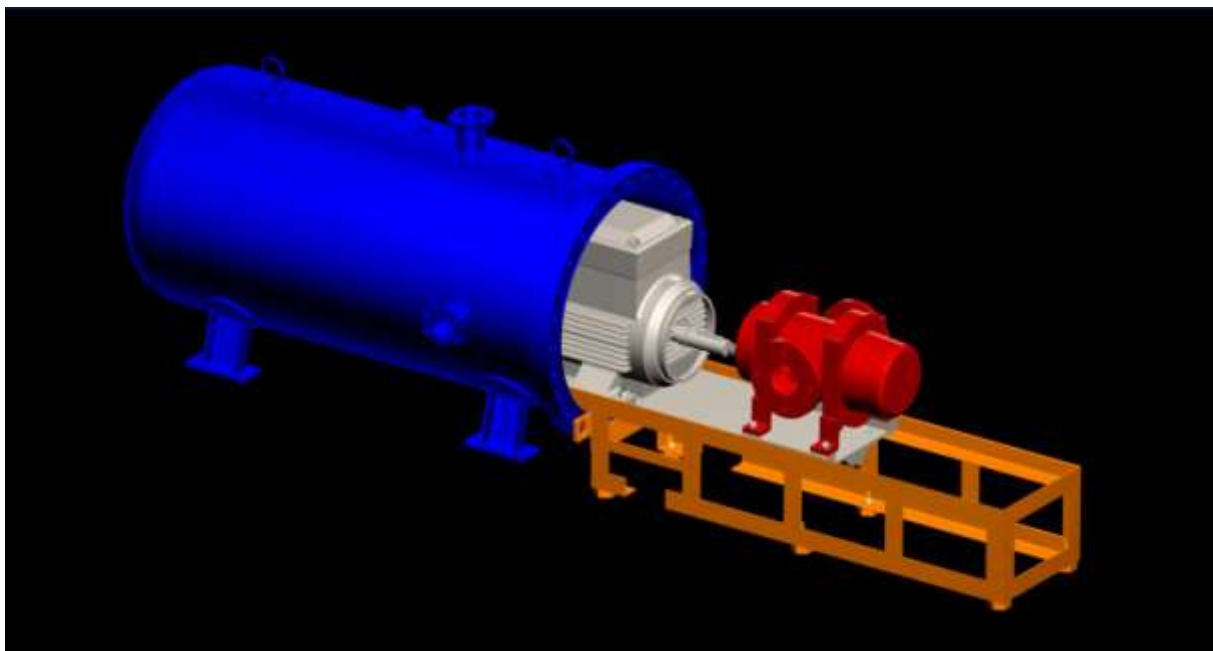
THIS ADDITIONAL THERMAL PROTECTION SYSTEM IS AVAILABLE AS AN UPGRADE FOR EXISTING ECU TYPES A0902-XXX MANUFACTURED FROM 2007.

THE UPGRADE IS RECOMMENDED TO AVOID SAFETY ISSUES DUE TO; WRONG HUMAN MANAGEMENT OF GAS CIRCULATION FROM THE ECU TO THE CHAMBERS; ACCIDENTAL FLOW FUSE SHUT OFF, OR WRONG VALVE CONFIGURATION SET UP. THESE EVENTS CAN CAUSE AN UNEXPECTED SUDDEN RAISE OF TEMPERATURE INSIDE THE BLOWER CAUSED BY A LACK OF BREATHABLE GAS CIRCULATION. IF THE OVERHEATING LASTS FOR A LONG

PERIOD, IT CAN BRING TO THE BURNING OF LUBRICATING OIL AND PAINTING WITH POSSIBLE CONTAMINATION OF THE BREATHABLE GAS. THE UPGRADE KIT IS COMPOSED OF A DOUBLE THERMAL PROTECTION TO BE APPLIED BOTH TO THE ECU PRESSURE TANK AND ON THE INTERNAL BLOWER TO CONTROL THE BREATHABLE GAS TEMPERATURE INSIDE THE TANK AND THE TEMPERATURE ON THE BLOWER SURFACE.

DESCRIPTION

THE UPGRADE CONSIST IN THE INSTALLATION, TESTING AND COMMISSIONING OF TWO KIND OF THERMAL SENSORS ON THE ECU BLOWER AND RELEVANT PRESSURE VESSEL WITHOUT ANY MODIFICATION ON THE PV. NO MANUFACTURING IS REQUIRED BUT ONLY SERVICE TO BE DONE ON SITE USING A SUPPORT RAIL FOR BLOWER EXTRACTION.



DRASS P/N V0105-550

THE IMPROVEMENT KIT CAN BE REQUESTED FROM CLAUDIA.RAMIREZ@DRASS.IT; AND COPY TO SALES@DRASS.IT WITH REFERENCE TO "TECHNICAL BULLETIN FD40 - 0006 - ECU THERMAL PROTECTION, KIT CODE E2631-105".



RECOMMENDATIONS

1. USE ONLY DRASS ORIGINAL UPGRADE KIT
2. RECORD THE MODIFICATION IN THE DOCUMENTATION OF THE DIVING SYSTEM
3. REPORT THE EXECUTION OF THE IMPROVEMENT AS PER OEM RECOMMENDATIONS TO THE CLASS SURVEYOR DURING THE ANNUAL SURVEY.