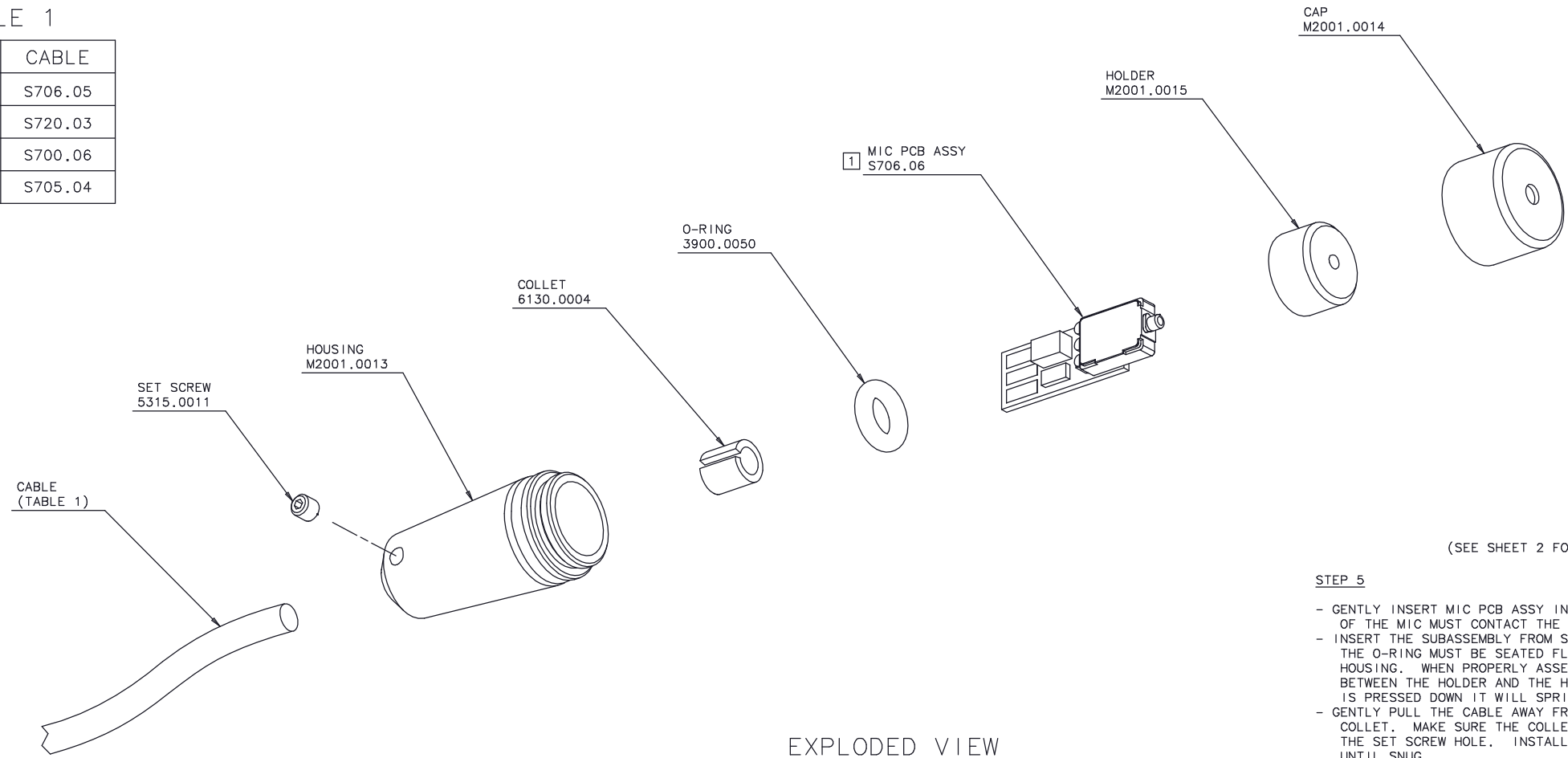


REV.	REVISION DESCRIPTION	DATE	BY	ECO
B	ADDED CABLE ASSYS S705.06 WAS A705.04	4/24/01	KN	
C	MPR006 WAS S700.0005	8/7/01	KN	2691
D	ADDED SAFETY NOTE	12/2/2005	CT	3305

TABLE 1

PRODUCT	CABLE
MPR001	S706.05
MPR005	S720.03
MPR006	S700.06
MPR007	S705.04



(SEE SHEET 2 FOR STEPS 1-4)

STEP 5


- GENTLY INSERT MIC PCB ASSY INTO HOLDER. THE SHOULDERS OF THE MIC MUST CONTACT THE BOTTOM OF THE HOLDER.
- INSERT THE SUBASSEMBLY FROM STEP 4 INTO THE HOUSING. THE O-RING MUST BE SEATED FLAT ON THE BOTTOM OF THE HOUSING. WHEN PROPERLY ASSEMBLED, THERE WILL BE A GAP BETWEEN THE HOLDER AND THE HOUSING AND WHEN THE HOLDER IS PRESSED DOWN IT WILL SPRING BACK.
- GENTLY PULL THE CABLE AWAY FROM THE HOUSING TO SEAT THE COLLET. MAKE SURE THE COLLET GAP IS NOT ALIGNED WITH THE SET SCREW HOLE. INSTALL THE SET SCREW AND TIGHTEN UNTIL SNUG.
- THREAD THE CAP ONTO THE HOUSING AND TIGHTEN WITH SPECIAL TOOL.

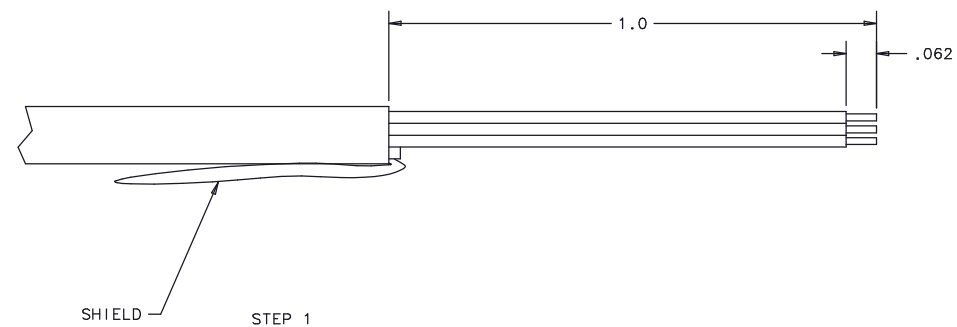
EXPLODED VIEW

NOTES:

- 1 SEE DRAWING S706.06 FOR MICPCB ASSY CONSTRUCTION DETAILS.
- 2 DO NOT CHANGE WITHOUT NOTIFIED BODY APPROVAL.
- 3 ANY CHANGES IN THE INTRINSICALLY SAFE CIRCUITRY OR COMPONENTS MAY RESULT IN AN UNSAFE CONDITION.

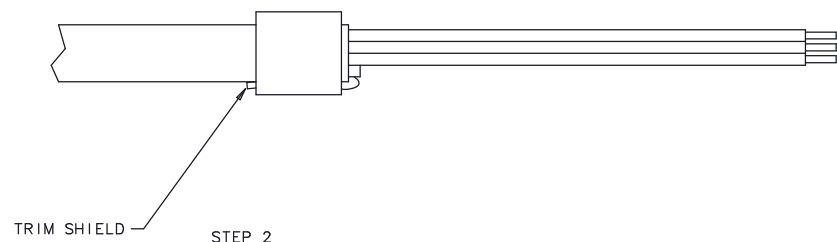
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NAME	DATE	 LARSON DAVIS Provo, Utah, USA (801) 375-0177
DRAWN	KN 12/18/00	
CHECKED	CS 4/13/01	
ENGINEER	KN	
SIGNED		TITLE
		SPARK PREAMP WITH ATTACHED MICROPHONE
DATE	SIZE B NUMBER	REV. D
	MPR001	
SCALE 1:1	WEIGHT	SHEET 1 OF 2



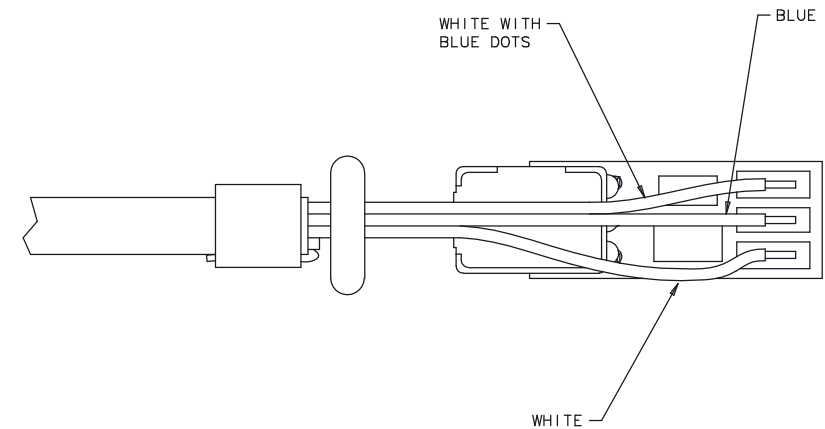
STEP 1

- STRIP BACK JACKET OF CABLE AS SHOWN.
- CUT THE BLUE WIRE WITH WHITE DOTS NEAR THE JACKET EDGE.
- MARK WHITE WIRE WITH BLUE DOTS WITH A PERMANENT MARKER (STRIPE).
- STRIP AND TIN THE REMAINING THREE WIRES AS SHOWN.
- COMB OUT THE BRAIDED SHIELD AND FOLD BACK ALONG JACKET.



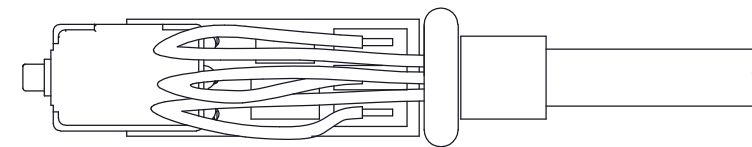
STEP 2

- SLIP HOUSING OVER CABLE (NOT SHOWN).
- SPREAD COLLET GAP OPEN APPROXIMATELY 1/16".
- SLIP COLLET OVER CABLE AND ALIGN END OF COLLET WITH END OF JACKET AND ALIGN COLLET GAP AWAY FROM SHIELD.
- CRIMP COLLET ONTO CABLE WITH SPECIAL TOOL.
- TRIM OFF EXCESS SHIELD WIRE.



STEP 3

- SLIP O-RING OVER WIRES AS SHOWN.
- ALIGN CABLE SUBASSEMBLY AND MIC PCB ASSEMBLY AS SHOWN.
- SOLDER WIRES TO PADS ON PCB AS SHOWN. STRIPPED WIRES MUST NOT HANG OVER EDGES OF PADS.



STEP 4

- FOLD CABLE BACK OVER PCB ALIGNING O-RING WITH EDGE OF PCB AS SHOWN.

(SEE SHEET 1 FOR STEP 5)