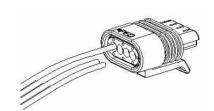
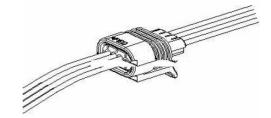


AN904– Application Note How Build Metri-Pack Pull-to-Seat Connectors Release Date 4/6/12

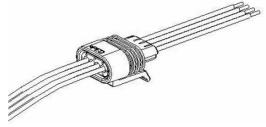
This application sheet covers assembly instructions for Metri-Pack 'pull-to-seat' style connectors like those used on some coolant temperature sensors, intake air temperature sensors and injectors.



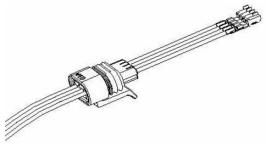
STEP 1: GET CONNECTOR ASSEMBLY AND HOLD SUCH THAT CABLE SEAL IS FACING OPERATOR. TAKE EACH BLUNT CUT LEAD AND START THROUGH CABLE SEAL NOTE: LEADS MUST BE BLUNT CUT FOR THIS



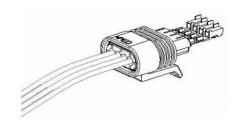
STEP 2: PUSH ALL LEADS THROUGH CABLE SEAL AND OUT THE OTHER END OF CONNECTOR ASSEMBLY. FROM THE BLUNT CUT END OF THE LEADS, PULL ALL LEADS THROUGH CONNECTOR ASSEMBLY A MINIMUM OF (8") FOR EASE IN SUBSEQUENT CABLE INSULATION STRIPPING AND TERMINATING PROCESSES.



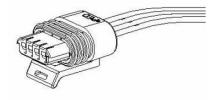
STEP 3: STRIP EACH LEAD TO THE REQUIRED STRIP LENGTH FOR THE TERMINAL BENG APPLIED.



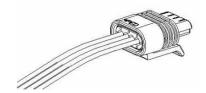
STEP 4: TERMINATE EACH LEAD WITH THE SPECIFIED TERMINAL.



STEP 5: A. PULL TERMINATED LEADS BACK THROUGH CONNECTOR ASSEMBLY TO FULLY SEATED POSITION IN CONNECTOR ASSEMBLY. USE CARE TO ALIGN TERMINAL IN CORRECT ORIENTATION AS IT MOVES INTO TERMINAL CAVITY. VERIFY THE TERMINAL HAS BEEN FULLY SEATED WITH THE AUDIBLE CLICK OF THE TANG.



STEP 5: B. VISUALLY VERIFY THE FULLY SEATED TERMINAL AS IT SITS INSIDE THE PLASTIC TERMINAL CAVITY.



STEP 5: C. IF CABLE SEAL PULLS OUT OF CONNECTOR
ASSEMBLY DURING TERMINAL SEATING
OPERATION, USE CARE TO PUSH SEAL BACK INTO
POSITION IN CONNECTOR ASSEMBLY.