

# 3188144 Connector with Molding Flash

(Status Updated: 18Oct2021)

**CPI Number:** 498261

**Status:** Open , Active

**6 Sigma Phase:** Define

**Commercial Impact:**

**Initial Project Activation Date:** 12Oct2021

**Target Completion Date:** 31Jan2022

## Models: (More...)

(1088XLC),	(120H),	(120K),	(120K 2),	(120K 2 OEM),	(12H),	(12K),	(12M),
(135H),	(140-14),	(140G),	(140K),	(140K 2),	(140M),	(140M 2),	(14L),
(150-14),	(1506),	(160-14),	(160K),	(160M),	(160M 2),	(2390),	(2491),
(2510),	(2570),	(2748),	(30/30),	(3126),	(3126B),	(3126B OEM),	(3126E),
(322C),	(322C FM HW),	(322C FM LGP),	(322C FM ST),	(322C L),	(323D OEM),	(324D),	(324D FM),

## Symptom/Description:

3188144 connectors that is used on New and Reman HEP pumps were found with molding flash in the locking bore. This can cause the wiring harness not to lock in place.

CPI 498261 – HEP CONNECTORS WITH MOLDING FLASH (3188144)							Team Leader: Greg Feltman Sponsor: Bobby Donovan
	Launch	Define	Measure	Analyze	Improve	Control	Close
Target	Oct 12, 2021	Oct 12, 2021					
Completed	Oct 12, 2021	Oct 12, 2021					

**Problem Statement...Business/Customer Impact:**

- Sequin received HEP pumps and the wiring harness would not lock into the connector.

**Root Causes:**

- There is molding flash in the connector locking bore that prevents the tabs from locking into place.

**ICA's/PCA's:**

- BQAlert 303658 – Young – 10/5/21
- Quality Hold Meeting – Feltman – 10/7/21
- QPR - Morton to check New /Reman HEP pump stock with 9/1/21 – 10/4/21 date code – Feltman – 10/12/21
- Sequin pump inventory being checked by Trigo – Feltman - In process
- Pulled in house inventory of pumps – Feltman/Oaks/Clausel – 10/7/21
- SIP updated to check for flash – Feltman – 10/12/21
- Service letter being issued – Johnson – In process
- PCA – TBD from supplier Kendrion CAR 109608

**Recent Activities:**

**Next Steps:**

Caterpillar Remanufacturing Division

Caterpillar Confidential Green

**CATERPILLAR**

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## Part Number:

318-8144 (CONNECTOR AS-PMP)

## Dealer Status:

see attached

# Interim Action Info:

**Repair Type:** Field

**Repair Action:** Release field publications to make the field aware of this issue

**Repair Eff S/N:** 101[00001-99999],102[00001-99999],103[00001-99999],104[00001-99999],109[00001-99999],110[00001-99999],124[00001-99999],125[00001-99999],161[00001-99999],162[00001-99999],167[00001-99999],17Z[00001-99999],1AJ[00001-99999],1BW[00001-99999],1CW[00001-99999],1DN[00001-99999],1ED[00001-99999],1FM[00001-99999],1HB[00001-99999],1LB[00001-99999],1PZ[00001-99999],1SL[00001-99999],1WM[00001-99999],1ZJ[00001-99999],202[00001-99999],20W[00001-99999],21W[00001-99999],22W[00001-99999],23W[00001-99999],2JR[00001-99999],2JS[00001-99999],2ZJ[00001-99999],2ZN[00001-99999],301[00001-99999],302[00001-99999],3BS[00001-99999],3GS[00001-99999],3HZ[00001-99999],3JW[00001-99999],3KZ[00001-99999],3RW[00001-99999],3SM[00001-99999],3TR[00001-99999],4BS[00001-99999],4ES[00001-99999],4EZ[00001-99999],4FR[00001-99999],4FZ[00001-99999],4JB[00001-99999],4PW[00001-99999],4XR[00001-99999],4YG[00001-99999],4YS[00001-99999],511[00001-99999],521[00001-99999],522[00001-99999],525[00001-99999],532[00001-99999],535[00001-99999],541[00001-99999],545[00001-99999],550[00001-99999],551[00001-99999],552[00001-99999],553[00001-99999],563[00001-99999],573[00001-99999],5AS[00001-99999],5DK[00001-99999],5FW[00001-99999],5GL[00001-99999],5MW[00001-99999],5RS[00001-99999],5TZ[00001-99999],64M[00001-99999],654[00001-99999],665[00001-99999],6EW[00001-99999],6HW[00001-99999],6KW[00001-99999],6MK[00001-99999],6MS[00001-99999],6NN[00001-99999],6NS[00001-99999],6PS[00001-99999],6PZ[00001-99999],6SR[00001-99999],6WS[00001-99999],6ZG[00001-99999],70W[00001-99999],715[00001-99999],716[00001-99999],72V[00001-99999],765[00001-99999],767[00001-99999],7AS[00001-99999],7BS[00001-99999],7BW[00001-99999],7C7[00001-99999],7CB[00001-99999],7CN[00001-99999],7DM[00001-99999],7JZ[00001-99999],7LZ[00001-99999],7RR[00001-99999],7TZ[00001-99999],7YC[00001-99999],7ZF[00001-99999],7ZN[00001-99999],812[00001-99999],814[00001-99999],815[00001-99999],8HW[00001-99999],8JW[00001-99999],8MW[00001-99999],8NM[00001-99999],8RS[00001-99999],8SZ[00001-99999],8XN[00001-99999],8XW[00001-99999],8YL[00001-99999],8YW[00001-99999],91N[00001-99999],91P[00001-99999],92N[00001-99999],99Y[00001-99999],9BW[00001-99999],9DG[00001-99999],9FW[00001-99999],9HS[00001-99999],9MN[00001-99999],9SZ[00001-99999],9TW[00001-99999],9XW[00001-99999],9ZF[00001-99999],9ZJ[00001-99999],9ZR[00001-99999],A3R[00001-99999],A6M[00001-99999],A6P[00001-99999],A78[00001-99999],A8P[00001-99999],AAE[00001-99999],AAZ[00001-99999],ACJ[00001-99999],ADE[00001-99999],ADX[00001-99999],AEM[00001-99999],AEN[00001-99999],AEP[00001-99999],AFD[00001-99999],AFM[00001-99999],AGG[00001-99999],AGM[00001-99999],AKD[00001-99999],AKM[00001-99999],AKN[00001-99999],AKP[00001-99999],ALA[00001-99999],ALH[00001-99999],ALM[00001-99999],ALR[00001-99999],ALY[00001-99999],AMH[00001-99999],AMS[00001-99999],AMX[00001-99999],AMZ[00001-99999],AN3[00001-99999],ASJ[00001-99999],AWN[00001-99999],AXR[00001-99999],AXS[00001-99999],AXX[00001-99999],AXY[00001-99999],AYA[00001-99999],AYB[00001-99999],AYD[00001-99999],AYE[00001-99999],AYG[00001-99999],AYL[00001-99999],AYS[00001-99999],AZP[00001-99999],B1K[00001-99999],B2F[00001-99999],B2L[00001-99999],B2T[00001-99999],B3M[00001-99999],B3T[00001-99999],B4N[00001-99999],B54[00001-99999],B55[00001-99999],B56[00001-99999],B57[00001-99999],B59[00001-99999],B6H[00001-99999],B8P[00001-99999],B92[00001-99999],B94[00001-99999],B9D[00001-99999],B9E[00001-99999],B9G[00001-99999],B9L[00001-99999],B9M[00001-99999],B9T[00001-99999],B9Y[00001-99999],BAA[00001-99999],BAB[00001-99999],BAC[00001-99999],BAD[00001-99999],BBD[00001-99999],BBF[00001-99999],BBX[00001-99999],BCP[00001-99999],BDP[00001-99999],BDZ[00001-99999],BEJ[00001-99999],BFC[00001-99999],BFE[00001-99999],BFK[00001-99999],BFN[00001-99999],BFX[00001-99999],BGR[00001-99999],BH9[00001-99999],BK5[00001-99999],BKD[00001-99999],BKH[00001-99999],BKJ[00001-99999],BKM[00001-99999],BKT[00001-99999],BKW[00001-99999],BLA[00001-99999],BLE[00001-99999],BLP[00001-99999],BLT[00001-99999],BLX[00001-99999],BMJ[00001-99999],BMK[00001-99999],BMM[00001-99999],BMX[00001-99999],BMY[00001-99999],BNC[00001-99999],BNG[00001-99999],BNL[00001-99999],BNW[00001-99999],BNY[00001-99999],BPH[00001-99999],BPM[00001-99999],BPP[00001-99999],BPS[00001-99999],BPW[00001-99999],BPZ[00001-99999],BRE[00001-99999],BRJ[00001-99999],BRZ[00001-99999],BTD[00001-99999],BTE[00001-99999],BTK[00001-99999],BTM[00001-99999],BXG[00001-99999],BXW[00001-99999],BYE[00001-99999],BYH[00001-99999],BYL[00001-99999],BYN[00001-99999],BYS[00001-99999],BZR[00001-99999],C3N[00001-99999],C3R[00001-99999],C4H[00001-99999],C5E[00001-99999],C5H[00001-99999],C5K[00001-99999],C6Z[00001-99999],C72[00001-99999],C7B[00001-99999],C7D[00001-99999],C7K[00001-99999],C7P[00001-99999],C7S[00001-99999],C7T[00001-99999],C7X[00001-99999],C7Z[00001-99999],C8L[00001-99999],C9A[00001-99999],C9B[00001-99999],C9D[00001-99999],C9E[00001-99999],C9F[00001-99999],C9M[00001-99999],C9Y[00001-99999],CAD[00001-99999],CAF[00001-99999],CAM[00001-99999],CAP[00001-99999],CBC[00001-99999],CBF[00001-99999],CBJ[00001-99999],CBK[00001-99999],CBL[00001-99999],CBY[00001-99999],CCG[00001-99999],CCK[00001-99999],CCS[00001-99999],CDR[00001-99999],CEH[00001-99999],CEJ[00001-99999],CEM[00001-99999],CEX[00001-99999],CEZ[00001-99999],CFH[00001-99999],CGZ[00001-99999],CJM[00001-99999],CJX[00001-99999],CKG[00001-99999],CKK[00001-99999],CKM[00001-99999],CKP[00001-99999],CKT[00001-99999],CLJ[00001-99999],CLT[00001-99999],CPH[00001-99999],CRB[00001-99999],CRD[00001-99999],CRP[00001-99999],CSJ[00001-99999],CSN[00001-99999],CSX[00001-99999],CYA[00001-99999],CYW[00001-99999],CZF[00001-99999],CZJ[00001-99999],CZZ[00001-99999],D3C[00001-99999],D3D[00001-99999],D5G[00001-99999],D8Z[00001-99999],D9G[00001-99999],D9T[00001-99999],DAA[00001-99999],DAE[00001-99999],DAP[00001-99999],DBD[00001-99999],DBH[00001-99999],DBZ[00001-99999],DC8[00001-99999],DCD[00001-99999],DCS[00001-99999],DCY[00001-99999],DDA[00001-99999],DEX[00001-99999],DEY[00001-99999],DFJ[00001-99999],DFP[00001-99999],DGR[00001-99999],DHC[00001-99999],DJF[00001-99999],DJG[00001-99999],DJR[00001-99999],DKY[00001-99999],DLM[00001-99999],DLN[00001-99999],DMK[00001-99999],DPF[00001-99999],DPS[00001-99999],DR8[00001-99999],DR9[00001-99999],DSH[00001-99999],DTF[00001-99999],DTS[00001-99999],DTZ[00001-99999],DY2[00001-99999],DYA[00001-99999],DYC[00001-99999],DZL[00001-99999],E4K[00001-99999],EAD[00001-99999],EAH[00001-

99999],EBM[00001-99999],ECH[00001-99999],EDF[00001-99999],EDW[00001-99999],EDX[00001-99999],EF3[00001-99999],EFT[00001-99999],EJA[00001-99999],EJC[00001-99999],ELR[00001-99999],EMM[00001-99999],EMR[00001-99999],EMX[00001-99999],EPR[00001-99999],ERK[00001-99999],ERN[00001-99999],ETE[00001-99999],ETK[00001-99999],EXL[00001-99999],EXW[00001-99999],F7B[00001-99999],F7C[00001-99999],F7D[00001-99999],F7G[00001-99999],F7N[00001-99999],F9A[00001-99999],F9D[00001-99999],FAC[00001-99999],FAJ[00001-99999],FAR[00001-99999],FBN[00001-99999],FBT[00001-99999],FDT[00001-99999],FED[00001-99999],FFK[00001-99999],FL2[00001-99999],FLY[00001-99999],FML[00001-99999],FMM[00001-99999],FRS[00001-99999],FSL[00001-99999],FXJ[00001-99999],G1L[00001-99999],G3E[00001-99999],GAG[00001-99999],GBC[00001-99999],GBR[00001-99999],GCT[00001-99999],GE8[00001-99999],GGE[00001-99999],GGH[00001-99999],GGN[00001-99999],GJA[00001-99999],GJB[00001-99999],GKX[00001-99999],GMN[00001-99999],GMS[00001-99999],GMT[00001-99999],GPB[00001-99999],GPK[00001-99999],GRN[00001-99999],GTN[00001-99999],H23[00001-99999],H3D[00001-99999],H3K[00001-99999],H3N[00001-99999],HAA[00001-99999],HAS[00001-99999],HBG[00001-99999],HBH[00001-99999],HBK[00001-99999],HBZ[00001-99999],HCD[00001-99999],HDC[00001-99999],HEK[00001-99999],HEP[00001-99999],HFC[00001-99999],HHK[00001-99999],HJK[00001-99999],HKE[00001-99999],HPB[00001-99999],J2F[00001-99999],J5J[00001-99999],J6D[00001-99999],J6J[00001-99999],J8D[00001-99999],J9D[00001-99999],JAB[00001-99999],JAN[00001-99999],JAP[00001-99999],JAT[00001-99999],JBF[00001-99999],JBP[00001-99999],JBT[00001-99999],JCD[00001-99999],JDL[00001-99999],JEE[00001-99999],JEK[00001-99999],JEN[00001-99999],JER[00001-99999],JFY[00001-99999],JGK[00001-99999],JHB[00001-99999],JHJ[00001-99999],JJA[00001-99999],JJG[00001-99999],JJM[00001-99999],JKL[00001-99999],JKR[00001-99999],JLC[00001-99999],JLD[00001-99999],JLP[00001-99999],JLS[00001-99999],JLW[00001-99999],JLX[00001-99999],JNK[00001-99999],JPA[00001-99999],JPR[00001-99999],JRA[00001-99999],JRT[00001-99999],JRX[00001-99999],JSC[00001-99999],JTC[00001-99999],JTF[00001-99999],JTN[00001-99999],JWR[00001-99999],JZR[00001-99999],K1Y[00001-99999],K2A[00001-99999],K5K[00001-99999],K6K[00001-99999],KAB[00001-99999],KAL[00001-99999],KAY[00001-99999],KBE[00001-99999],KBT[00001-99999],KCF[00001-99999],KDD[00001-99999],KDG[00001-99999],KDJ[00001-99999],KGG[00001-99999],KJL[00001-99999],KJP[00001-99999],KJR[00001-99999],KKT[00001-99999],KLW[00001-99999],KLG[00001-99999],KRE[00001-99999],KRS[00001-99999],L2K[00001-99999],L5E[00001-99999],L5G[00001-99999],L5H[00001-99999],L5J[00001-99999],L5K[00001-99999],L5N[00001-99999],L5S[00001-99999],L5X[00001-99999],L8E[00001-99999],L8R[00001-99999],L9S[00001-99999],LAB[00001-99999],LAE[00001-99999],LAH[00001-99999],LAL[00001-99999],LAM[00001-99999],LAR[00001-99999],LAY[00001-99999],LBD[00001-99999],LBM[00001-99999],LBW[00001-99999],LBX[00001-99999],LCJ[00001-99999],LCP[00001-99999],LDR[00001-99999],LDX[00001-99999],LEF[00001-99999],LEM[00001-99999],LFE[00001-99999],LFM[00001-99999],LFR[00001-99999],LFW[00001-99999],LGP[00001-99999],LKJ[00001-99999],LMG[00001-99999],LMM[00001-99999],LN9[00001-99999],LRM[00001-99999],LRS[00001-99999],LSJ[00001-99999],LT9[00001-99999],LX9[00001-99999],M1G[00001-99999],M2H[00001-99999],M2K[00001-99999],M2P[00001-99999],M3B[00001-99999],M3D[00001-99999],M3G[00001-99999],M3M[00001-99999],M3N[00001-99999],M3S[00001-99999],M4A[00001-99999],M4K[00001-99999],M4T[00001-99999],M5G[00001-99999],M5M[00001-99999],M5S[00001-99999],M7A[00001-99999],M7G[00001-99999],M8W[00001-99999],M9D[00001-99999],M9E[00001-99999],M9J[00001-99999],M9K[00001-99999],M9L[00001-99999],M9M[00001-99999],M9T[00001-99999],MAL[00001-99999],MAR[00001-99999],MBD[00001-99999],MBP[00001-99999],MBR[00001-99999],MC8[00001-99999],MCA[00001-99999],MCL[00001-99999],MD7[00001-99999],MDB[00001-99999],MDS[00001-99999],MEH[00001-99999],MEY[00001-99999],MFA[00001-99999],MGC[00001-99999],MGD[00001-99999],MGE[00001-99999],MK2[00001-99999],MK6[00001-99999],MKM[00001-99999],MKR[00001-99999],MNB[00001-99999],MND[00001-99999],MPL[00001-99999],MRT[00001-99999],MSC[00001-99999],MSD[00001-99999],MSG[00001-99999],MSL[00001-99999],MTB[00001-99999],MTJ[00001-99999],MWP[00001-99999],MXL[00001-99999],MYG[00001-99999],MYP[00001-99999],MZE[00001-99999],N1A[00001-99999],N2M[00001-99999],N4A[00001-99999],N8T[00001-99999],NAC[00001-99999],NAH[00001-99999],NB3[00001-99999],NBD[00001-99999],NBN[00001-99999],NBP[00001-99999],NBZ[00001-99999],NEF[00001-99999],NGP[00001-99999],NLS[00001-99999],NSW[00001-99999],NTX[00001-99999],P1S[00001-99999],P3H[00001-99999],P3W[00001-99999],P5J[00001-99999],P6C[00001-99999],P7L[00001-99999],P7Z[00001-99999],P9L[00001-99999],P9W[00001-99999],PAK[00001-99999],PAL[00001-99999],PAN[00001-99999],PAZ[00001-99999],PBK[00001-99999],PCK[00001-99999],PCL[00001-99999],PCW[00001-99999],PDX[00001-99999],PDZ[00001-99999],PEH[00001-99999],PEL[00001-99999],PEZ[00001-99999],PFC[00001-99999],PFZ[00001-99999],PGW[00001-99999],PGZ[00001-99999],PHN[00001-99999],PHY[00001-99999],PJM[00001-99999],PKE[00001-99999],PM9[00001-99999],PPN[00001-99999],PPP[00001-99999],PRF[00001-99999],PRY[00001-99999],PTB[00001-99999],PXY[00001-99999],PYT[00001-99999],PZT[00001-99999],R1Z[00001-99999],R2D[00001-99999],R75[00001-99999],R7B[00001-99999],R7C[00001-99999],R7H[00001-99999],R8D[00001-99999],R9L[00001-99999],R9M[00001-99999],R9T[00001-99999],RAS[00001-99999],RBH[00001-99999],RBR[00001-99999],RC3[00001-99999],RDA[00001-99999],RDK[00001-99999],RE3[00001-99999],REH[00001-99999],RFB[00001-99999],RFC[00001-99999],RFS[00001-99999],RG3[00001-99999],RJK[00001-99999],RLW[00001-99999],RMF[00001-99999],RMX[00001-99999],RNA[00001-99999],RRH[00001-99999],RSK[00001-99999],RTB[00001-99999],RZ9[00001-99999],RZS[00001-99999],S1N[00001-99999],S2C[00001-99999],S3M[00001-99999],S3P[00001-99999],S6T[00001-99999],S6X[00001-99999],S6Y[00001-99999],SAP[00001-99999],SAW[00001-99999],SCG[00001-99999],SCR[00001-99999],SCY[00001-99999],SER[00001-99999],SEW[00001-99999],SEY[00001-99999],SEZ[00001-99999],SJB[00001-99999],SKE[00001-99999],SKL[00001-99999],SKY[00001-99999],SL5[00001-99999],SLX[00001-99999],SM3[00001-99999],SMC[00001-99999],SNK[00001-99999],SRB[00001-99999],SRC[00001-99999],SSA[00001-99999],SSS[00001-99999],SWF[00001-99999],SXR[00001-99999],SYM[00001-99999],SZL[00001-99999],SZM[00001-99999],SZN[00001-99999],SZP[00001-99999],SZS[00001-99999],SZW[00001-99999],SZZ[00001-99999],T2D[00001-99999],T2S[00001-99999],T2Y[00001-99999],TAD[00001-99999],TAN[00001-99999],TAY[00001-99999],TB2[00001-99999],TBC[00001-99999],TEF[00001-99999],THH[00001-99999],THJ[00001-99999],TKA[00001-99999],TKB[00001-99999],TKC[00001-99999],TLY[00001-99999],TMC[00001-99999],TPM[00001-99999],TPX[00001-99999],TRA[00001-99999],TRH[00001-99999],TRN[00001-99999],TSK[00001-99999],TSN[00001-99999],TTT[00001-99999],TZL[00001-99999],W3K[00001-99999],WAX[00001-99999],WBC[00001-99999],WBD[00001-99999],WBE[00001-99999],WBG[00001-99999],WBH[00001-99999],WCB[00001-99999],WCG[00001-99999],WDC[00001-99999],WDK[00001-99999],WET[00001-99999],WFB[00001-

99999],WFH[00001-99999],WGN[00001-99999],WHA[00001-99999],WLT[00001-99999],WMD[00001-99999],WRG[00001-99999],WRK[00001-99999],WW3[00001-99999],X3N[00001-99999],X3R[00001-99999],X9X[00001-99999],X9Y[00001-99999],XBH[00001-99999],XCR[00001-99999],XDB[00001-99999],XDJ[00001-99999],XDL[00001-99999],XJA[00001-99999],XP6[00001-99999],XP7[00001-99999],XPL[00001-99999],XX3[00001-99999],Y4P[00001-99999],YCF[00001-99999],YFW[00001-99999],YJW[00001-99999],YPG[00001-99999],Z1X[00001-99999],Z2A[00001-99999],Z2X[00001-99999],Z9X[00001-99999],ZCT[00001-99999],ZEB[00001-99999],ZML[00001-99999]

**Pub Type:** No Data Available.

**Pub Number:** No Data Available.

**Pub Date:** No Data Available.

## Root Cause:

No Data Available

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**Caterpillar Confidential:** Yellow

[CPI IT Help Desk](#)

[Data Privacy](#)

**Last Updated:** Mon Nov 01 2021 16:09:46 GMT-0500 (Central Daylight Time)

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