



Service Information System

Previous Screen

Welcome: lanets

< Product: NO EQUIPMENT SELECTED
Model: NO EQUIPMENT SELECTED
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Service Letter

PRODUCT SUPPORT PROGRAM FOR UPDATING OR INSTALLING PRODUCT LINK PL641 CELLULAR RADIO SYSTEMS ON CERTAIN CATERPILLAR PRODUCTS AND NON-CATERPILLAR PRODUCTS
Media Number -UEBE0148-00 Publication Date -2019/12/18 Date Updated -2019/12/18
Caterpillar: Confidential Yellow

UEBE0148-00



SERVICE LETTER

18Dec2019

U-773
A-610
D-673
O-670

Before/After

**PRODUCT SUPPORT PROGRAM FOR UPDATING OR
INSTALLING PRODUCT LINK PL641 CELLULAR RADIO
SYSTEMS ON CERTAIN CATERPILLAR PRODUCTS AND NON-
CATERPILLAR PRODUCTS**

7606 7610 7620

PS46534

NOTE: Caterpillar's obligations under this Service Letter are subject to, and shall not apply in contravention of, the laws, rules, regulations, directives, ordinances, orders, or statutes of the United States, or of any other applicable jurisdiction, without recourse or liability with respect to Caterpillar.

NOTE: This Program must be administered either before or after failure. In either case the decision whether to apply the Program is made by the dealer. When reporting the repair, use "PS46534" as the Part ^{lanets} **Caterpillar. Confidential Yellow**

Number and "7755" as the Group Number. If administered before failure, use "56" as the Warranty Claim Description Code and "T" as the SIMS Description code. If administered after failure, use "96" as the Warranty Claim Description Code, and "Z" as the SIMS Description Code.

NOTE: The information supplied in this service letter may not be valid after the termination date of this program. Do not perform the work outlined in this Service Letter after the termination date without first contacting your Caterpillar product analyst.

TERMINATION DATE

31Mar2020

PROBLEM

PL641 will stop sending data after April 6th, 2019. Date codes will appear as if coming from the past so the customer interface (UI) will not recognize those back dated messages and no data will appear in the UI.

AFFECTED PRODUCT

| Model | Identification Number |
|-------------------|--|
| *****Group 1***** | |
| 3516C | AL200111 |
| G3306B | RJ200102 |
| *****Group 2***** | |
| 3512B | 4AW00539, 660, 1374 |
| 3512C | LLA00842, 2370, 2496, 3515, 3546, 4463, 4777, 5103 |
| 3512E | SK500125 |
| CG137-12 | FYR00142 |
| G3406C | R7E00204 |
| G3516B | JEF01579, 1670 N6E00501 |
| G3606B | JFE00878 |
| G3608B | XH700742, 775, 778, 784 |
| *****Group 3***** | |
| 3412 | 81Z24671 |
| C15 | X4R00584 X5M00332 |
| C27 | T4Z00248 |

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| C7 | JTF08261 |
| C9 | P7Z00159 |
| C9.3 | CS900787 |
| PMC27 | N1B00193 |
| *****Group 4***** | |
| C13 | KWJ01896 |
| C15 | LDN01001 |
| C18 | WRH07964 |
| C27 | TWM01648, 2770 |
| C7 | JTF23247 |
| C9 | JLW00750 |
| *****Group 5***** | |
| C8.7 | CS700269 |
| *****Group 6***** | |
| 120H | CAF00730 |
| 12H | AMZ00605 CBK01649 |
| 135H | CBC00261 |
| 140G | 72V08225 |
| 140H | 2ZK05503 |
| 140M | B9D00207 |
| 14H | ASE00316 |
| 160H | 9EJ01150 |
| 320C | PAB00980 PAC01118 |
| 320C L | EAG00289 |
| 320D 2 | RDZ10291 |
| 320E L | TNJ00301 WBK00233, 281, 405, 494, 616, 683, 752, 915, 1097, 1253, 1256, 1290, 1730, 2152, 2676, 3133, 3434 |
| 320E LRR | TFX00954, 1506, 1542, 1594 |
| 320F L | YBM00180, 244, 310, 339, 10135, 10329, 10561 |
| 322C L | BKJ00428 |
| 323F L | XCF00972, 1009, 1016, 1032, 1036, 1061, 1077, 1086, 1098, 1152, 1234, 1259, 1428, 1474, 10059, 10086, 10151, 10453, 10485 YEJ00408, 419, 453, 493, 512, 541, 601, 10127 |
| 324E L | PNW00495, 537, 583, 817, 1468 |
| 325 | 8NK00797 |
| 325B | 2JR02471 |
| 325D L | A3R00300 |

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| | PAL00278 |
| 325F | XAA00194, 286, 300, 334, 10447 |
| 326F L | WGL00756, 818, 825, 862, 977, 10169, 10311 |
| 329E L | PLW00258, 607, 649, 893, 1021 |
| | ZCD00400 |
| 330C | CAP00752 |
| 330F L | MBX00170, 248, 304, 332, 10239, 10310, 10419, 10427, 10457, 20074, 20262, 20268, 20275 |
| 336E L | BZY01702, 1722 |
| | FJH00164, 1068, 1521, 1528 |
| 336F L | KCS00130 |
| | RKB02138, 10267, 10324, 10447, 20173, 20175, 20740, 20931 |
| | SSN00217, 246, 296, 316, 322, 330, 389-390, 419, 10098 |
| 345B II MH | APB00270 |
| 345D L | EEH00236 |
| 349F L | BZ210050, 10098, 10269 |
| | HPD00246, 10255, 20352 |
| 561D | 54X00736, 780 |
| 563C | W6300215 |
| 572G | 8PC00447 |
| 583K | 78V00720 |
| 613C | 92X00564, 1880 |
| 613C II | 8LJ01210, 1414, 2842, 3358 |
| 623E | 6CB00785 |
| 623G | CES00464 |
| 631E | 1NB00606-00607 |
| 637E | 1JB00636 |
| 651B | 67K00898, 1023 |
| 657E | 91Z00422 |
| 725 | B1L00371, 415 |
| 740 | B1P01880, 6182 |
| 769C | 01X04734 |
| 773D | 7ER00217, 384 |
| 773E | BDA00473, 515 |
| 773F | EED01233 |
| 775E | BEC00258 |
| 777B | 4YC01103 |
| 777G | RDR00109 |
| 816F | 5FN00326 |
| 824C | 85X00716 |

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| 826C | 87X01428 |
| 834 | 92Z00629 |
| 836G | BRL00532 |
| 936F | 8AJ01308 |
| 950G | 3JW00438 |
| 950G II | AXX01332 |
| 950K | FER00192, 393, 843 R4A00253, 318, 324, 352, 1019, 1399, 2021, 2049, 2075, 2128, 2168, 2186, 2487, 2577, 2673 |
| 953C | 2ZN02745 |
| 953K | LJT00219 |
| 963 | 21Z03523, 4006 |
| 963K | LBL00214 |
| 966K | TFS00192, 333, 475, 479, 514, 724-725, 1101, 1164 |
| 970F | 7SK01110 |
| 972K | Z4W00626, 646, 666 |
| 980F | 8JN75003 |
| 980K | W7K00561, 577, 758, 800, 1443, 1482, 1563, 1570, 1642, 1912, 2027, 2170, 2299 |
| 988F | 2ZR01288 |
| AP-800D | A5P00199 |
| AP1000F | AC400117, 143, 213, 215 |
| AP1055F | TJ500404, 519, 807 |
| AP255E | D8A00343 |
| CB-334EII | C3A00222 |
| CB-434D | CNH01097 |
| CB10 | NPP00109, 117 P8P00113, 168 |
| CB13 | PWP00102 |
| CB22B | 2B200107 |
| CB24 XT | 24000728, 1638, 1836, 2051, 2791 |
| CB24B | 2X400358-00359, 457, 464, 549, 595, 1009 42000245, 321, 366, 376, 399, 555 |
| CB34B | XB400106, 281, 361 |
| CB34B XW | 42500108, 127 |
| CB36B | M3600106 |
| CB44B | JXL00123, 161 NSL00124, 168, 174 |
| CB54 | JLM00601, 799 K3J00286 |
| CB54B | LXD00251 |

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| CB64 | CB500249, 260 |
| CB64B | C5600138, 276, 329, 371 |
| CB66B | B6600186 |
| CB7 | EL500169 |
| CC34B | 32400104 |
| CCS7 | 4B200104 |
| CD54B | GRT00106 |
| CP-323C | EAS00222 |
| CP-433E | ASN00736 |
| CP44 | MPC00254 |
| CP44B | 4P400166 |
| CP56 | C5P00732, 734 |
| CP56B | LHC00211 P5600359, 389 |
| CS-563C | 4KN00062 |
| CS-563D | 2RZ00240 |
| CS34 | 51400165, 317 |
| CS44B | CS300485 |
| CS54B | CS500138, 240, 281 L4H00118, 235, 270 |
| CS56 | C5S00545 |
| CS56B | L8H00146, 380, 443, 532, 794, 798, 857, 912 S5600422, 475, 491, 668, 704 |
| CW16 | TL500135, 186, 205, 232, 240-241, 243, 246, 265 |
| CW34 | AL300255, 257 |
| D25C | 9YC00734 |
| D400D | 8TF00850 |
| D5N XL | AGG02325 |
| D6D | 04X06827 |
| D6K 2 LGP | EL700113, 179 JTR00267, 285, 336-337, 368, 470, 476, 483, 511, 712 |
| D6K 2 XL | DFR00214, 284, 412 |
| D6K XL | FBH02117, 2392 |
| D6N LGP | ALY01540 DJY01456 MG500261, 375, 429, 585, 608, 663, 685, 1142 |
| D6N XL | GB600239, 243, 250 NJN00103, 131 PER00225 |

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| D6R II XL | AAX00956 |
| D6T LGP | HTZ00654 ZJB01511 |
| D6T LGP PAT | RAD00927 |
| D6T XL | KMR00217, 623 |
| D6T XL PAT | WES00277, 383 |
| D6T XW | SLJ01081 TMY00376 |
| D6T XW PAT | WRN00557 |
| D7E | MDB00118 |
| D8N | 5TJ02098 9TC06504 |
| D8R II | 6YZ01519 |
| D8T | FMC00792-00793, 1145, 1170, 1172, 1187, 1214, 1271, 1285, 1381, 1440, 1476, 1518, 1520, 1534, 1540, 1572 |
| D9N | 6XJ00740 |
| IT62G | AKP00384 |
| PL83 | CB200185, 189, 196, 223, 236 |
| PL87 | TEC00217, 253, 271 ZAC00122, 135 |

*****Group 7*****

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| C2.2 | GBE02002 |
| C4.4 | D4B02401 D4D01982-01983, 2615, 2665, 2670 GLE01093, 1276 XRA00137 |
| C6.6 | MRW00267 N6D02375 |
| C7.1 | 77001028 MRP00126, 258 |

*****Group 8*****

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| 226 | 5FZ08751 |
| 226B | MJH13380 |
| 226B 3 | MWD01761, 2062, 5348, 5746, 5914, 6012, 6021, 6130, 6296, 6353, 6385, 6389, 6587, 6604, 6681, 6759, 6880, 6896, 6936, 7010, 7178, 7197, 7234, 7332, 7433-7434, 7583, 7600, 7604, 7783, 7862 |
| 226D | HRD00163, 314, 395, 406, 422, 426, 558, 590, 673, 702, |

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| | 737, 778, 809, 911, 946-947, 971, 1013, 1056, 1130, 1165, 1330, 2029 |
| 232D | DPR00273, 313, 370, 392, 519, 646, 734, 745, 1082 |
| 236B | HEN07226, 8314 |
| 236B 3 | A9H01957, 2787, 3111, 3552, 3719, 3907, 4064 |
| 236D | BGZ00255, 337, 347, 508, 543, 561, 618, 652, 691, 868, 921, 925, 949, 955, 1014, 1062, 1066, 1095, 1264, 1300, 1313, 1550, 1578, 1660, 1757, 1887, 1996, 2083, 2102, 2199, 2270, 2274, 2290, 2373, 2453, 2637, 2639, 2776, 2783, 2791, 2869, 2882, 3072, 3747, 3788, 3980 |
| 239D | BL900235, 349, 474, 576, 648, 675, 679, 807, 840, 956, 978, 1007, 1011, 1023, 1032, 1091-1092 |
| 242B | BXM03337 |
| 242B 3 | SRS01862, 2700, 2905 |
| 242D | DZT00432-00433, 492, 570, 635, 704, 719, 733, 776, 907, 1005, 1108, 1175, 1256, 1267, 1311, 1333, 1398, 1410, 1444, 1452, 1552, 1567, 1631, 1751, 1764, 1794, 1960, 1991, 2074, 2099, 2249, 2314, 2455, 2588, 2678, 2684, 2723, 2778, 2780, 3046, 3114, 3767 |
| 246C | JAY05931, 6159, 6183, 6725, 7203, 7956, 8855, 9049 |
| 246D | BYF00260, 269, 315, 514, 549, 887, 893, 959, 983, 1153, 1192, 1212-1213, 1274, 1280, 1286, 1315, 1318, 1473, 1540, 1585, 2167, 2323, 2499, 2531, 2541, 2583, 2880, 2920, 3082, 3288 |
| 247B 3 | TSL00494, 661, 681, 1030, 1467, 1492, 1815, 1983, 2122, 2262, 2306, 2720, 2732, 2743, 2899 |
| 248 | 6LZ01332 |
| 249D | GWR00339, 358, 423, 491, 498, 566, 570, 611, 631, 671, 681, 690, 735, 749, 839, 846, 892, 941, 1039, 1093, 1151, 1155 |
| 252B 3 | TNK00830, 2262, 2358 |
| 256C | DWS01738 |
| 257B 3 | B7H00694, 1909, 1984, 1999, 2038, 2057 |
| 257D | EZW00281, 296, 340, 381, 401, 412, 437, 459, 535, 619, 640, 715, 741, 778, 800, 876, 944, 959, 1000, 1008, 1011, 1014, 1019, 1041, 1165, 1171, 1376, 1481, 1553, 1570, 1581, 1586, 1617, 1633, 1706, 1745, 1747, 1768, 1784, 1786, 1794 |
| 259B 3 | YYZ00842, 1112, 1328, 1811, 2422, 3629, 4318, 4322, 4621, 5123 |
| 259D | FTL00289, 299, 348, 385, 631, 708, 710, 779, 849, 862, 878, 1006, 1044, 1046, 1058, 1074, 1123, 1147, 1272, 1308, 1357, 1369, 1575, 1592, 1602, 1609, 1676, 1732, 1749, 2006, 2178, 2181, 2270, 2273, 2312, 2333, 2533, 2536, 2583, 2726, 2806, 2888, 2939, 3191-3193, 3196, 3203, 3363, 3423, 3428-3429, 3464, 3524, 3656, 3662, 3702, 3729-3730, 3747-3748, 3829, 3866, 4060, 4107, 4116-4118, 4122, 4163-4164, 4303, 4359, 4394, 4449, 4454, 5055, 5077, 5151, 5179, 5291, 5678, 5812, 5870, 5887, 5895-5896, 5901, 5926, 5928, 5939, 5961-5962 |

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| | 5975, 6155, 6165, 6172, 6175, 6352, 6495, 6531, 6640, 6708, 6744, 6766, 6785, 6802, 6823, 6828, 6845, 6851-6852, 6869, 6940-6941, 6978, 6987, 7024, 7065, 7107, 7156, 7184, 7230, 7232, 7238, 7242, 7257, 7261, 7274, 7311, 7409, 7445, 7499, 7511, 7576, 7650, 7671, 7673, 7677, 7689, 7764, 7767, 7811, 7816, 7891, 7985, 8071, 8084, 8240, 8273, 8283, 8322, 8352, 8360, 8403, 8460, 8561, 8578, 8617, 8664, 8714, 8737, 8870, 8880, 8903, 8918, 8945, 8947, 9070, 9098, 9114, 9117, 9153, 9185, 9274, 9393, 9399, 9787, 10505, 10916, 12350, 12491, 12848, 13105, 13162, 14864 |
| 262 | CED01002 |
| 262C | MST04069, 4712, 5140 |
| 262C 2 | TMW00725, 732, 1092, 1412, 1420, 1714, 1827 |
| 262D | DTB00300, 380, 384, 414, 598, 849, 852, 891, 1071, 1129, 1225, 1528, 1550, 1697, 1806, 1832, 1961, 2015, 2231, 2413, 2606, 2709, 2775, 2778, 2843, 2857, 2889, 2933, 2951, 3024, 3144, 3172, 3345, 3361, 3446, 3560, 3688, 3879, 3918, 4029, 4082, 4147, 4215, 4262, 4303, 4591, 4596, 4602, 4626, 4684, 4865, 4922, 5028, 5184, 5207, 5220, 5316, 5331, 5334, 5380, 5491, 5500, 5516, 5529, 5627, 5727, 5838, 5897-5898, 5919, 6039, 6280, 7041, 7072, 7301, 7316, 7434, 7890 |
| 272C | RED02311, 2540, 2654 |
| 272D | B5W00541, 565, 596, 612, 688, 720, 788, 994, 998, 1012, 1063, 1075, 1172, 1204 GSL00363, 377 |
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| 272D 2 XHP | MD200131, 297, 356, 625 |
| 272D XHP | ETL00248, 272, 401, 475, 490, 508, 523, 563, 569, 578 SHY00315, 384 |
| 277 | CNC01609 |
| 277C | JWF00370 |
| 277C 2 | MET00411, 426 |
| 277D | FMT00318, 347-348, 391, 398, 468, 501, 519, 534-535, 593, 760, 840 |
| 279C | MBT00378, 440, 1827, 2585, 3089, 3138, 3195, 3214 |
| 279C 2 | KWB00465, 627, 649, 681, 829, 1187, 1403, 1503 |
| 279D | GTL00241-00242, 245, 370, 413, 762, 827, 843, 849, 881, 910, 990, 1002, 1015, 1140, 1159, 1278, 1408, 1440, 1449, 1499, 1550, 1659, 1696, 1781, 1980, 2003, 2009, 2026, 2034, 2095, 2098, 2108, 2121-2122, 2409, 2576, 2654, 2757, 2802, 2804, 2811, 2928, 2985, 3108, 3112, 3127, 3167, 3347, 3375, 3381, 3437, 3494, 3535, 4411, 4462, 4494, 4956 |
| 287C | MAS01307, 2009, 2245 |
| 287C 2 | SSB00226 |
| 287D | HMT00278, 317, 394, 432-433, 541, 575, 577, 587, 589 |

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| | 610, 785-786, 788 |
| 289C | JMP01357, 2501, 2741, 2777 |
| 289C 2 | RTD00170, 267, 287, 867, 877, 1527, 1544, 1620, 1824 |
| 289D | TAW00404, 522, 555, 558, 620, 739, 789, 830, 901, 925, 1106, 1169, 1449, 1463, 1506, 1656, 1678, 1774, 1855, 1913, 1922, 1962, 1969, 2017, 2042, 2080, 2142, 2173, 2257, 2333, 2443, 2483, 2495, 2577, 2594, 2611, 2625, 2638, 2664, 2670, 2679, 2686-2687, 2703, 2786, 2794-2795, 2833, 2871, 2947, 3003, 3052, 3408, 3522, 3529, 3752, 3902, 3954, 3987, 4020, 4109, 4134, 4297, 4320, 4345, 4419, 4424, 4445, 4513, 4526, 4607-4608, 4626, 4661, 4666, 4728, 4764, 4783, 4811, 4822, 4923, 4934, 4936, 4982, 4997, 5007, 5044, 5053, 5138, 5238, 5246, 5266, 5282, 5286, 5292, 5367, 5381, 5403, 5664, 6448, 8584 |
| 297D 2 XHP | HP200256 |
| 297D XHP | HP700221, 223, 234 |
| 299C | JSP00306, 1171, 2076, 2314 |
| 299D | GTC00429, 468, 688, 892-893, 932, 943, 982, 1024, 1028, 1040, 1052, 1081, 1196, 1262, 1632, 1868, 1873, 1877-1878, 2037, 2100, 2140, 2142, 2323 HCL00541, 564, 802 |
| 299D 2 | FD200386, 399, 449, 507, 537, 743, 769, 806, 838, 856, 967, 975, 999, 1022, 1137, 1198, 1200, 1224, 1321, 1337, 1382, 1650, 2131, 2246 |
| 299D 2 XHP | DX200352, 549, 608, 648, 656, 679, 742, 868, 908, 1038, 1064, 1075, 1102, 1121, 1164, 1177, 1370, 1378, 1388, 1394, 1740, 1786, 2309 DX900145 |
| 299D XHP | JST00352, 400, 454, 563, 573, 597, 616, 633, 640, 696, 779, 930, 1073, 1077, 1161, 1248, 1261, 1272, 1291 NLC00245, 457, 498, 541 |
| 301.4C | LJ300195, 229, 277, 308 LJK00415 |
| 301.7D CR | LJ800284, 317, 373, 789 |
| 302.7D | LJ700182, 271, 406, 891 |
| 303 | DMA01020 |
| 303.5D CR | RHP00169, 1518 |
| 303.5E 2 | JWY00378, 402, 474, 616, 647, 652, 776, 1055, 1389, 2158, 2247, 2957 |
| 303.5E 2 CR | BG800571, 663, 692, 698, 802, 819 |
| 303.5E CR | RKY00969, 986, 1150, 1537, 1599, 2238, 2606, 3066, 3165, 3308, 3558, 3566, 3572, 3898, 4222, 4458 |
| 303E CR | HHM00280, 411, 446, 474, 1251-1252, 1260 |
| 304C CR | FPK06504 |

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| 304D CR | TYK00984 |
| 304E 2 | ME400441, 511, 680, 830, 854, 951, 1074, 1133, 1773, 2036, 2505, 3310 |
| 304E 2 CR | CJ200507, 548 |
| 304E CR | TTN00644, 883, 919, 1089, 1124, 1237, 1241, 1350, 1410, 1601, 1727, 1817, 1845, 2000, 2054, 2114, 2142, 2293, 2297, 2302, 2321, 2378, 2448, 2659, 2769 |
| 305.5D | FLZ00461, 1243 |
| 305.5E 2 | CR500292, 302, 318, 501, 602, 669-670, 703, 840, 929, 931, 954, 1308, 1337, 1344, 1710, 1815, 3501, 3531, 3718 |
| 305.5E 2CR | EJX00245, 300, 783, 1200, 1217 |
| 305.5E CR | FKY00733, 1233, 1707, 1942, 1964, 1991, 2060, 2313 |
| 305C CR | HWJ04490 |
| 305D | XER01296, 1325, 1536, 1714, 1766, 1780, 1822 |
| 305E 2 | H5M00232, 720, 798, 1062, 1315, 1453, 1463, 1505, 1878, 1882, 1905, 1940, 2005, 2185, 2654, 2699, 3058, 3438, 3587, 3895, 4355, 4947, 5142, 5426 |
| 305E 2 CR | DJX00594, 736, 823, 834, 1282 |
| 305E CR | XFA00292, 783, 1877, 2178, 2344, 2406, 2492, 2533, 2562, 2572, 2667, 2699, 2787, 3053, 3059, 3339, 3373, 3425, 3577, 3870, 4025, 4104, 4195, 4219 |
| 307E 2 | KC900118 |
| 308D CR | FYC01892, 1921, 2332-2333 GBT00296 |
| 308E 2CR | FJX00369, 879, 1068, 1152, 1272, 1290, 1300, 1576, 1882, 2743, 2783, 2997, 3206, 3220, 4075, 4165, 4179, 4744, 4781, 4792, 4863, 4906, 5062, 5076, 5434, 5624, 5686, 5809, 5864, 5870, 5917, 6023, 6162, 6265, 6396, 6958, 7314, 9684 TMX00373, 449, 724, 774, 781, 931, 946, 1178, 1189 |
| 308E CR | GBJ00303, 1240, 1638 |
| 311FL | KCW00182, 407, 430 |
| 312C L | CBA02235, 2344 |
| 312E L | MJD01224 |
| 313F L | DJE00112, 148, 163, 10003, 10147, 10223 |
| 313F LGC | HDK00165, 309, 361, 10179, 10212 |
| 314E LCR | ZJT00120, 537, 923, 1557, 1693, 1707, 1732, 1735 |
| 315C L | CJC05498 |
| 315FL | TDY00108, 10108, 11142 |
| 316E L | DZW00146, 281, 542, 676, 818, 869, 1071, 1463, 1660, 2303, 2363, 2367, 2374 |
| 316F L | YDL00205, 249, 10235, 20146 |
| 318F L | FFT00198 |
| 415F 2 | HWA00195, 250, 280, 293, 328, 396, 416, 458, 544, 650 |

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| | PF400189, 208, 404, 420, 485, 616 |
| 416B | 8SG09309 8ZK08973 |
| 416D | BFP13599, 14111 |
| 416F 2 | HWB00208, 244, 250, 253, 467, 504, 541, 629, 686, 781, 830, 836, 866, 879, 910, 920, 933, 1025, 1048, 1159, 1164, 1261, 1508 |
| 416F ST | KSF00172, 333, 455, 726, 942, 1003, 1051, 1059, 1185, 1331, 1491, 1498, 1535, 1587, 1774, 1808, 1810, 1813-1814, 1942, 1950, 2066 |
| 420D | FDP19999 |
| 420D IT | BLN06176, 8361 |
| 420E | PHC00462 PRA01232 |
| 420E ST | DJL01608, 1743, 2376, 2612 |
| 420F 2 | HWC00407, 555, 599, 893, 926, 932, 935, 942, 959, 1030, 1067, 1125, 1174, 1249, 1255, 1270, 1391, 1393, 1429, 1432, 1460, 1481, 1516, 1542, 1549, 1570, 1575, 1598, 1702, 1747, 1906, 1990, 2002, 2275, 2412, 2595, 2886, 2957, 3151, 3200, 3379 |
| 420F 2 IT | HWD00153, 235, 428, 689, 787, 846, 954, 1074, 1103, 1125, 1154, 1158, 1221, 1224, 1246, 1269, 1330, 1470, 1594, 1918, 1962, 2372, 2377, 2435, 2616, 3803 |
| 420F IT | JWJ00277, 1020, 1387, 1920, 1947, 2415, 2899 |
| 420F ST | SKR00636, 739, 763, 893, 918, 1064, 1081, 1600, 1820, 2151, 2263, 2389, 2501, 2603, 2843, 3110, 3652, 3731, 3820, 3931, 4006, 4547, 4875, 4960, 5025, 5190, 5264, 5285, 5324 |
| 426C | 6XN00669, 1026 |
| 428F 2 | LYG01500 |
| 430E IT | MXB00296 |
| 430F 2 | HWE00259, 382, 454, 474-475, 494 |
| 430F 2 IT | HWG00305, 333, 338, 344, 372, 378, 414 |
| 430F IT | RGS00182, 298, 403, 462, 666 |
| 430F ST | RDF00197, 509, 595, 620 |
| 436C | 8TN01304, 1310 |
| 450E | EBL00419 |
| 450F | HJR00191, 371 |
| 903C | MW400181, 564-565, 571, 655, 670 |
| 903C 2 | MW800156 |
| 906H | SDH01164 |
| 906H 2 | JRF01543, 2478, 3007, 3202 |
| 906M | H6600228, 338, 427, 800, 816, 943, 1061, 1342 |
| 907H 2 | JRS01141, 1145, 1180 |
| 907M | H7700394, 396, 767-768 |

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|----------------|--|
| 908H 2 | JRD01082, 1287, 1530 |
| 908M | H8800151, 294, 509, 543, 580, 645, 711, 749, 812, 1163, 1183, 1228, 2020, 2448 |
| 910K | AY400436, 949, 1549, 1669, 1926 |
| 914K | CD200579, 626, 829, 879, 971, 1102 |
| 914M (T4F HRC) | H2400547 |
| 924G | DDA01353 |
| 924K | PWR02297, 2383, 2387, 4072 |
| 926M | LTE00153, 378, 398, 506, 673, 974, 1057, 2030, 2088, 2123, 2140, 2220-2221, 2316, 2346, 2358, 2378, 2452, 2457, 2569, 2594, 2607, 2626, 2631, 2872, 3649, 4330 |
| 930 | 41K01534 |
| 930H | DHC03494 |
| 930K | RHN00475, 714, 1568, 1803, 2615, 3181, 3560, 3781 |
| 930M | KTG00628, 699, 772, 821, 918, 983, 1007, 1021-1022, 1059, 1647-1648, 1680, 1699, 1710, 1737, 1761, 1810, 1868, 1911, 2017, 2065, 2136, 2172, 2321, 3189, 3373 |
| 938G | 4YS01522, 2688 6WS03789 |
| 938G II | CRD02745 |
| 938K | SWL00169, 566, 2097, 2210, 3171, 3546 |
| 938M | J3R00514, 1094, 1773-1774, 1843, 2033, 2073, 2230, 2339-2340, 2364, 2554, 2586, 2592, 2656, 3727, 3786, 4517, 5675 |
| D3C III | 7XL00518 |
| D3G LGP | BYR00436 |
| D3G XL | CFC00588 JMH01280 |
| D3K 2 LGP | KL200316, 323, 344, 368, 430, 2204, 2219, 2329, 2353, 2363, 2622 KLL00302, 516 |
| D3K 2 XL | KF200113, 222, 2149, 2253, 2286, 2315 KFF00131, 328, 411, 417, 428, 509 |
| D3K LGP | LLL00944 |
| D4G LGP | FDC00499 |
| D4K 2 LGP | KR200274, 310, 2158, 2170, 2189, 2220, 2229, 2257 KRR00217, 539, 648 |
| D4K 2 XL | KM200214, 247, 265, 267, 280, 305, 2139, 2178, 2222, 2284 KMM00248, 322, 381-382, 403 |
| D4K LGP | RRR00289, 403 |

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|----------------|---|
| D4K XL | MMM00209 |
| D5C III | 6ZL01083 |
| D5G LGP | RKG01224, 2634 |
| D5K 2 LGP | KY200227, 285, 300, 368, 551, 572, 639, 668, 758, 760, 762, 772-773, 777, 785, 857, 925, 2168, 2206, 2325, 2357, 2374, 2382, 2413, 2466, 2537, 2584, 2667, 2685, 2733, 2936, 3018, 3077, 3151 KYY01002, 1009, 1065, 1823 |
| D5K 2 XL | KW200203, 376, 429, 481, 579, 627, 633, 648, 2324, 2348, 2427, 2430, 2442, 2503-2504, 2520, 2556, 2574, 2614 KWW00563, 1256, 1288 |
| D5K LGP | YYY00978 |
| D5K XL | WWW01675 |
| IT14G | ERP00478 KZN01137 |
| IT18B | 4ZD01252 |
| M315D | K5E00145 |
| M322D | D2W00335 |
| TH255 | TBS00328, 685 |
| TH255C | JK200242, 763, 819, 889 |
| TH406C | GAT00360 |
| TH407 | TBY01779 |
| TH407C | MLH00590, 982, 1018, 1216 |
| TH514 | TBW00443 |
| TH514C | MWC00226, 430-431, 580 |
| TH514D | MWG00158 |
| TL1055 | TBM00854, 1036, 1607 |
| TL1055C | KDE00372, 415, 424, 600, 690, 790, 872, 1167, 1431, 1516, 1639 |
| TL1055D | ML500388, 489, 491, 635, 706, 768, 773, 874 |
| TL1255 | TBN00755 |
| TL1255C | DHW00340, 437, 661, 801, 1149, 1292, 1446, 1529 |
| TL1255D HRC | ML700321, 556, 569, 694, 807 |
| TL642 | TBK00399, 1040, 1273, 1399, 1480 |
| TL642C | THG00235, 445, 467, 618, 640, 701, 738, 750, 920, 1134, 1472, 1550 |
| TL642D | ML800387 |
| TL943 | TBL00157, 1622, 1908 |
| TL943C | THH00296, 521, 745, 863, 1053, 1079, 1085, 1241, 1279, 1313, 1336, 1363, 1613, 1760 |
| TL943D | MLJ00272, 299 |

*****Group 9*****

| | |
|------------|--|
| 246C | JAY06827, 6831, 7384, 9120 |
| 262D | DTB00669 |
| 279C 2 | KWB01395 |
| 279D | GTL02575 |
| 299D | GTC02087 |
| 303.5E CR | RKY00460 |
| 305.5E 2 | CR500787 |
| 305E CR | XFA01954 |
| 308D CR | FYC01518 |
| 308E 2CR | FJX03167 |
| 311D LRR | PNJ00321 |
| 312D LC | JBC00425 XGK00380 |
| 312E L | MJD00224, 792, 857, 899, 942, 991, 1479, 1512 |
| 312E L OEM | EGR00116 |
| 313F LGC | HDK00153, 244 |
| 314D LCR | SSZ00287 |
| 314E LCR | ZJT00177, 202, 389, 454, 507, 1078, 1122, 1201, 1347 |
| 315C L | CFT00565 CJC04494 |
| 315D LC | JGS00139, 204, 273 |
| 316E L | DZW00237, 248, 440, 494, 553, 559, 761, 941, 982, 1100, 1123, 1659, 1987, 2018, 2036 |
| 318E L | WZS00296 |
| 416F 2 | HWB00161 |
| 416F ST | KSF01844 |
| 420E | PHC00559 |
| 420E PL | DAN02003 |
| 420E ST | DJL00339, 1742, 3526 |
| 420F IT | JWJ00790, 1320 |
| 420F ST | SKR02108, 2722, 3287, 3328, 3503, 4103, 4248, 4485 |
| 430E | DDT00509 EAT01380 |
| 430E IT | MXB00313, 484 |
| 914K | CD200290 |
| 924G | DDA01073, 1325 RTA00701 |
| 924H | HXC01559, 2690 |
| 924K | PWR00385, 833, 1033, 1793, 1802, 1850, 2170, 2284, 2639, 3263, 3302, 3360, 3607, 3682, 3756, 3773, 3786, 3833, 4307-4308, 4363, 4424, 4466, 4491 |
| 926M | LTE03500 |

| | |
|--------------------|---|
| 930H | DHC02282, 3020, 3643 |
| 930K | RHN00606, 991, 1238, 1242, 1544, 1655, 2228, 2455, 2464, 2650, 2680, 2786, 3026, 3205, 3259, 3277, 3327, 3496, 3508, 3582, 3898, 4038, 4300, 4323, 4327 |
| 938G II | CRD01438, 2227 RTB02244 |
| 938K | SWL00945, 1412, 1476, 1843, 2040, 2461, 2754, 2778, 2821, 2988, 2991, 3080, 3224, 3533, 3737, 3772, 3966-3967, 3977, 4131, 4160, 4229 |
| 938M | J3R04231 |
| D3G XL | CFC00173 |
| D3K 2 LGP | KLL00164 |
| D3K 2 XL | KFF00329 |
| D3K XL | FFF00695 |
| D4G XL | HYD01972 |
| D4K 2 LGP | KRR00162, 510, 549 |
| D4K 2 XL | KMM00387, 442, 506 |
| D5K 2 LGP | KYY00393, 518, 699, 742, 792, 844, 946, 971, 1068, 1076, 1086, 1100, 1145, 1386, 1397, 1408, 1772, 1803 |
| D5K 2 XL | KWW00322, 417, 445, 1065 |
| D5K LGP | YYY00845, 857-858, 1627 |
| D5K XL | WWW00942, 986, 1061, 1307 |
| IT38G II | CSX00753 |
| M313D | K3D00378, 519 |
| M316D | D6W00939 |
| M318D | W8P05219 |
| M322D | D2W00263-00264, 380 |
| TH350B | SLD01142 |
| TL1055 | TBM01623 |
| TL1055C | KDE00997, 1679 |
| TL1255C | DHW01378 |
| TL642C | THG01235 |
| TL943C | THH00264, 1398, 1441 |
| *****Group 10***** | |
| CT660 | TEP00419, 425, 451, 706, 1021, 1224, 1407, 1453, 1513, 1545, 1581, 1657, 1664, 1738, 1795, 1878, 1896, 1904, 1943 TGD00121 TKL00288, 317 TRK00243, 724, 1337 |
| CT680 L | TRX00136-00137 |
| CT681 SG | TWJ00119 |

PARTS NEEDED

| Qty | Part Number | Description |
|---|-------------|---|
| *****Group 1***** | | |
| 1 | 5555510 | PL641v2 Cellular radio (4G) (External Antenna) |
| 1 | 5586550 | Hard Mount Antenna (Optional) (4G) |
| 1 | 5586551 | Adhesive Mount Antenna (4G) |
| 1 | 5865325 | PL641v2 Cellular Radio software (4G) |
| <p>In order to allow equitable parts availability to all participating dealers, please limit your initial parts order to not exceed 7% of dealership population. This is an initial order recommendation only, and the ultimate responsibility for ordering the total number of parts needed to satisfy the program lies with the dealer.</p> | | |
| *****Group 2***** | | |
| 1 | 5555510 | PL641v2 Cellular radio (4G) (External Antenna) |
| 1 | 5586550 | Hard Mount Antenna (Optional) (4G) |
| 1 | 5586551 | Adhesive Mount Antenna (4G) |
| 1 | 5754275 | PLE601 TR Network Manager (E&T) |
| 1 | 5754335 | PLE601 CR Network Manager (E&T) |
| 1 | 5865325 | PL641v2 Cellular Radio software (4G) |

In order to allow equitable parts availability to all participating dealers, please limit your initial parts order to not exceed 7% of dealership population. This is an initial order recommendation only, and the ultimate responsibility for ordering the total number of parts needed to satisfy the program lies with the dealer.

*****Group 3*****

| | | |
|---|---------|---|
| 1 | 5555510 | PL641v2 Cellular radio (4G) (External Antenna) |
| 1 | 5586550 | Hard Mount Antenna (Optional) (4G) |
| 1 | 5586551 | Adhesive Mount Antenna (4G) |
| 1 | 5865325 | PL641v2 Cellular Radio software (4G) |

In order to allow equitable parts availability to all participating dealers, please limit your initial parts order to not exceed 7% of dealership population. This is an initial order recommendation only, and the ultimate responsibility for ordering the total number of parts needed to satisfy the program lies with the dealer.

*****Group 4*****

| | | |
|---|---------|---|
| 1 | 5555510 | PL641v2 Cellular radio (4G) (External Antenna) |
| 1 | 5586550 | Hard Mount Antenna (Optional) (4G) |
| 1 | 5586551 | Adhesive Mount Antenna (4G) |
| 1 | 5754275 | PLE601 TR Network Manager (E&T) |

| | | |
|---|---------|--------------------------------------|
| 1 | 5754335 | PLE601 CR Network Manager (E&T) |
| 1 | 5865325 | PL641v2 Cellular Radio software (4G) |

In order to allow equitable parts availability to all participating dealers, please limit your initial parts order to not exceed 7% of dealership population. This is an initial order recommendation only, and the ultimate responsibility for ordering the total number of parts needed to satisfy the program lies with the dealer.

*****Group 5*****

| | | |
|---|---------|--|
| 1 | 5555510 | PL641v2 Cellular radio (4G) (External Antenna) |
| 1 | 5586550 | Hard Mount Antenna (Optional) (4G) |
| 1 | 5586551 | Adhesive Mount Antenna (4G) |
| 1 | 5865325 | PL641v2 Cellular Radio software (4G) |

In order to allow equitable parts availability to all participating dealers, please limit your initial parts order to not exceed 7% of dealership population. This is an initial order recommendation only, and the ultimate responsibility for ordering the total number of parts needed to satisfy the program lies with the dealer.

*****Group 6*****

| | | |
|---|---------|--|
| 1 | 5555510 | PL641v2 Cellular radio (4G) (External Antenna) |
| 1 | 5586550 | Hard Mount Antenna (Optional) (4G) |

| | | |
|---|---------|--------------------------------------|
| 1 | 5586551 | Adhesive Mount Antenna (4G) |
| 1 | 5865325 | PL641v2 Cellular Radio software (4G) |

In order to allow equitable parts availability to all participating dealers, please limit your initial parts order to not exceed 7% of dealership population. This is an initial order recommendation only, and the ultimate responsibility for ordering the total number of parts needed to satisfy the program lies with the dealer.

*****Group 7*****

| | | |
|---|---------|--|
| 1 | 5555510 | PL641v2 Cellular radio (4G) (External Antenna) |
| 1 | 5586550 | Hard Mount Antenna (Optional) (4G) |
| 1 | 5586551 | Adhesive Mount Antenna (4G) |
| 1 | 5865325 | PL641v2 Cellular Radio software (4G) |

In order to allow equitable parts availability to all participating dealers, please limit your initial parts order to not exceed 7% of dealership population. This is an initial order recommendation only, and the ultimate responsibility for ordering the total number of parts needed to satisfy the program lies with the dealer.

*****Group 8*****

| | | |
|---|---------|--|
| 1 | 5555510 | PL641v2 Cellular radio (4G) (External Antenna) |
| 1 | 5586550 | Hard Mount Antenna (Optional) (4G) |

| | | |
|---|---------|--------------------------------------|
| 1 | 5586551 | Adhesive Mount Antenna (4G) |
| 1 | 5865325 | PL641v2 Cellular Radio software (4G) |

In order to allow equitable parts availability to all participating dealers, please limit your initial parts order to not exceed 7% of dealership population. This is an initial order recommendation only, and the ultimate responsibility for ordering the total number of parts needed to satisfy the program lies with the dealer.

*****Group 9*****

| | | |
|---|---------|--|
| 1 | 5555510 | PL641v2 Cellular radio (4G) (External Antenna) |
| 1 | 5586550 | Hard Mount Antenna (Optional) (4G) |
| 1 | 5586551 | Adhesive Mount Antenna (4G) |
| 1 | 5754275 | PLE601 TR Network Manager (E&T) |
| 1 | 5754335 | PLE601 CR Network Manager (E&T) |
| 1 | 5865325 | PL641v2 Cellular Radio software (4G) |

In order to allow equitable parts availability to all participating dealers, please limit your initial parts order to not exceed 7% of dealership population. This is an initial order recommendation only, and the ultimate responsibility for ordering the total number of parts needed to satisfy the program lies with the dealer.

*****Group 10*****

| | | |
|---|---------|------------------|
| 1 | 5555510 | PL641v2 Cellular |
|---|---------|------------------|

| | | |
|---|---------|--|
| | | radio (4G) (External Antenna) |
| 1 | 5586550 | Hard Mount Antenna (Optional) (4G) |
| 1 | 5586551 | Adhesive Mount Antenna (4G) |
| 1 | 5865325 | PL641v2 Cellular Radio software (4G) |

In order to allow equitable parts availability to all participating dealers, please limit your initial parts order to not exceed 7% of dealership population. This is an initial order recommendation only, and the ultimate responsibility for ordering the total number of parts needed to satisfy the program lies with the dealer.

ACTION REQUIRED

Refer to the attached Rework Procedure for the Affected Product.

In addition to the products called out in the Affected Product, an additional list of Caterpillar product and non-Caterpillar product are attached below.

Refer to Image 1 through Image 4 for a list of product that have a Product Link PL641 Cellular radio system installed. If a product in question is on the list, this program applies. Follow the Parts Needed, Service Claim Allowances, and Rework Procedure associated with Group 1.

Please file the warranty claim using 99Z00015 as the serial number. Ensure that the Machine Make, Machine Model, and Machine Serial Number are included in the Service Letter claim story. Failure to provide this information in the claim story will result in the claim getting rejected.

| Manufacturer | Make Code | Serial Number |
|-------------------------|-----------|----------------|
| AGCO | AGI | D260063 |
| AGCO-CHALLENGER | ACL | C0955EFNSG1004 |
| ALLMAND | ALM | 1688PRO2V14 |
| ALLMAND | ALM | 0393PR009 |
| ALLMAND | ALM | 1887PRO213 |
| ALLMAND | ALM | 1686PRO2V14 |
| ALLMAND | ALM | 1683PRO2V14 |
| ALLMAND | ALM | 1500PRO2V14 |
| American Crane | AMC | GS-12868 |
| ATLAS | A58 | AV013A1187 |
| BOBCAT / INGERSOLL-RAND | BOB | 515412173 |
| BROCE BROOM | B58 | 406677 |
| BROCE BROOM | B58 | 409358 |
| BROCE BROOM | B58 | 304785 |
| CASE/NEW HOLLAND | JIC | JAK0013337 |
| CASE/NEW HOLLAND | JIC | N8C508046 |
| CATERPILLAR INC. | CAT | 40U06818 |
| CATERPILLAR INC. | CAT | J3R99905 |
| CATERPILLAR INC. | CAT | PPG10181 |
| CATERPILLAR INC. | CAT | PPP64127 |
| CATERPILLAR INC. | CAT | 3GJ00149 |
| CATERPILLAR INC. | CAT | JRS99107 |
| CATERPILLAR INC. | CAT | PF499101 |
| CATERPILLAR INC. | CAT | 00113564 |
| CATERPILLAR INC. | CAT | PVP64103 |
| CATERPILLAR INC. | CAT | 0FW00151 |
| CATERPILLAR INC. | CAT | FB899997 |
| CATERPILLAR INC. | CAT | HBV00001 |
| CATERPILLAR INC. | CAT | SNZ99901 |
| CATERPILLAR INC. | CAT | 54X00001 |
| CATERPILLAR INC. | CAT | NDY00002 |

| Manufacturer | Make Code | Serial Number |
|------------------|-----------|-------------------|
| CATERPILLAR INC. | CAT | PVP64101 |
| CATERPILLAR INC. | CAT | 4GC99003 |
| CATERPILLAR INC. | CAT | PVP64102 |
| CATERPILLAR INC. | CAT | 47500101 |
| CATERPILLAR INC. | CAT | 67K00520 |
| CATERPILLAR INC. | CAT | 4GC99013 |
| CATERPILLAR INC. | 356 | 35604608 |
| CATERPILLAR INC. | 92U | 92U59723 |
| Champion | CHA | X101183X-CH |
| Chevrolet | C81 | 3GCUKNEH2GG158790 |
| Chevrolet | C81 | 3GCUKPEH7FG399870 |
| Chevrolet | C81 | 1GB4C2CGXBF205125 |
| Chevrolet | C81 | 1GCNKPEH9E2270094 |
| Chevrolet | C81 | 1GB3CYCG1HF200118 |
| CUMMINS | C82 | 46135356 |
| DEERE & CO. | DEE | DW544JZ616014 |
| DEERE & CO. | DEE | RW7820D037252 |
| DEERE & CO. | DEE | DW644EB534384 |
| DEERE & CO. | DEE | PY5303U004687 |
| DEERE & CO. | DEE | 885058 |
| DEERE & CO. | DEE | 1FF250GXKBE608018 |
| DEERE & CO. | DEE | LC2550T495634 |
| DEERE & CO. | DEE | FF450DX913465 |
| DEERE & CO. | DEE | FF200DX510275 |
| DEERE & CO. | DEE | 2750 |
| DEERE & CO. | DEE | 702506 |
| DEERE & CO. | DEE | FF350DX806004 |
| DEERE & CO. | DEE | P06140D020541 |
| DEERE & CO. | DEE | L06170MJEH805508 |
| DEERE & CO. | DEE | DW772DX616041 |
| DYNAPAC | DYN | 21620278 |

Image1

| Manufacturer | Make Code | Serial Number |
|-------------------------|-----------|-------------------|
| EXTREME | EX1 | XR1255031693102 |
| FORD | FA1 | 1FDNF6AY3HDB00802 |
| FORD | FA1 | 1FDUF5GY2EEA35038 |
| FORD | FA1 | 1FTNF1EF3BKE04246 |
| FORD | FA1 | 3FRXF7E7AV271223 |
| FORD | FA1 | 3FRWF75DX9V143803 |
| FORD | FA1 | 1FDAF57Y98ED93485 |
| FORD | FA1 | 1FTMF1EM4DKF00092 |
| FORD | FA1 | 1FTSW2BY7AEB18766 |
| FORD | FA1 | 3FRNF6HD3DV789601 |
| FORD | FA1 | 3FRNF6HP9FV567786 |
| FORD / NEW HOLLAND | FOR | 1FDXK84A9NVA26872 |
| FORD TRUCK | F51 | 1FDNF80CXVVA26317 |
| FORD TRUCK | F51 | 1FDXF47P95EA31521 |
| FREIGHTLINER | F70 | 73372094 |
| FREIGHTLINER | F70 | 1FVAB4BV63DK88705 |
| GENIE INDUSTRIES | G84 | S8513-10455 |
| GENIE INDUSTRIES | G84 | 00845727 |
| GENIE INDUSTRIES | G84 | Z6012-10941 |
| GODWIN PUMPS | G44 | 702348G2 |
| HITACHI | HLL | HCM18J00L00001518 |
| HYSTER | HYS | D004D10316Y |
| INGERSOLL-RAND | ING | 384721UDRB13 |
| INGERSOLL-RAND | ING | 171013 |
| INTERNATIONAL TRUCKS | I71 | 1HTSCABM7XH613138 |
| JCB | JCB | JCB5CGPGL01403055 |
| JIELI MACHINERY COMPANY | JLG | 0300214146 |
| JLG INDUSTRIES, INC | J82 | 0160004742 |
| JLG INDUSTRIES, INC | J82 | 0300232269 |
| JLG INDUSTRIES, INC | J82 | 0160027102 |
| KENWORTH | K82 | 1FVACXDC97HY30243 |

| Manufacturer | Make Code | Serial Number |
|---------------------|-----------|-------------------|
| KENWORTH | K82 | 2NKHMM7X8EM386570 |
| KENWORTH | K82 | 1XKDDBOX86R117722 |
| KENWORTH | K82 | 1NKDL00X66J143185 |
| KENWORTH | K82 | 1NKDLT0XX6J117271 |
| KOMATSU LTD. | KDC | A92029 |
| KOMATSU LTD. | KDC | KMTHM012J29003275 |
| KOMATSU LTD. | KDC | A10263 |
| KOMATSU LTD. | KDC | A71231 |
| KOMATSU LTD. | KDC | 52276 |
| KOMATSU LTD. | KDC | 3612 |
| KOMATSU LTD. | KDC | K30088 |
| Lincoln Paving | L05 | U1110512898 |
| LINK-BELT CONST. | LIN | EBBK50314 |
| MACK | M31 | 1M2P198C9MM008722 |
| MAGNUM | M41 | 1403075 |
| MAGNUM | M41 | 1411671 |
| MAROOKA - M3 | MH5 | AR224106 |
| MCFA | M40 | AT28B50871 |
| MCFA | M40 | AT3503893 |
| MCFA | M40 | AT28B50872 |
| MCFA | M40 | AT13F01963 |
| MCFA | M40 | AT3503890 |
| MCFA | M40 | AT3503894 |
| MISCELLANEOUS MFGRS | Z99 | 8201295 |
| MISCELLANEOUS MFGRS | Z99 | AR1260C-115-010 |
| MISCELLANEOUS MFGRS | Z99 | TESTBOX2017 |
| MISCELLANEOUS MFGRS | Z99 | AP20108 |
| Morooka | M30 | 223710 |
| Morooka | M30 | A220248 |
| MULTIQUIP | MUT | 7250293 |
| MULTIQUIP | MUT | 4GNBL1114FB040517 |

Image2

| smu/age whichever comes first | Caterpillar | | Dealer Suggested | | Customer Suggested | |
|--|-------------|------------|------------------|------------|--------------------|------------|
| | Parts % | Labor Hrs% | Parts % | Labor Hrs% | Parts % | Labor Hrs% |
| *****Group 1***** | | | | | | |
| 0-500000 hrs, 0-720 mo | 100.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| NOTE: This is a 1.3-hour job for Group 1 | | | | | | |

| Product smu/age whichever comes first | Caterpillar | | Dealer Suggested | | Customer Suggested | |
|--|-------------|------------|------------------|------------|--------------------|------------|
| | Parts % | Labor Hrs% | Parts % | Labor Hrs% | Parts % | Labor Hrs% |
| *****Group 2***** | | | | | | |
| 0-500000 hrs, 0-720 mo | 100.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| NOTE: This is a 1.3-hour job for Group 2 | | | | | | |

| Product smu/age whichever comes first | Caterpillar | | Dealer Suggested | | Customer Suggested | |
|--|-------------|------------|------------------|------------|--------------------|------------|
| | Parts % | Labor Hrs% | Parts % | Labor Hrs% | Parts % | Labor Hrs% |
| *****Group 3***** | | | | | | |
| 0-500000 hrs, 0-720 mo | 100.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| NOTE: This is a 1.3-hour job for Group 3 | | | | | | |

| Product smu/age whichever comes first | Caterpillar | | Dealer Suggested | | Customer Suggested | |
|--|-------------|------------|------------------|------------|--------------------|------------|
| | Parts % | Labor Hrs% | Parts % | Labor Hrs% | Parts % | Labor Hrs% |
| *****Group 4***** | | | | | | |
| 0-500000 hrs, 0-720 mo | 100.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| NOTE: This is a 1.3-hour job for Group 4 | | | | | | |

| Product | Caterpillar | Dealer Suggested | Customer Suggested |
|---------|-------------|------------------|--------------------|
|---------|-------------|------------------|--------------------|

| smu/age whichever comes first | Caterpillar | | Dealer Suggested | | Customer Suggested | |
|--|-------------|------------|------------------|------------|--------------------|------------|
| | Parts % | Labor Hrs% | Parts % | Labor Hrs% | Parts % | Labor Hrs% |
| *****Group 5***** | | | | | | |
| 0-500000 hrs, 0-720 mo | 100.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| NOTE: This is a 1.3-hour job for Group 5 | | | | | | |

| Product smu/age whichever comes first | Caterpillar | | Dealer Suggested | | Customer Suggested | |
|--|-------------|------------|------------------|------------|--------------------|------------|
| | Parts % | Labor Hrs% | Parts % | Labor Hrs% | Parts % | Labor Hrs% |
| *****Group 6***** | | | | | | |
| 0-500000 hrs, 0-720 mo | 100.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| NOTE: This is a 1.3-hour job for Group 6 | | | | | | |

| Product smu/age whichever comes first | Caterpillar | | Dealer Suggested | | Customer Suggested | |
|--|-------------|------------|------------------|------------|--------------------|------------|
| | Parts % | Labor Hrs% | Parts % | Labor Hrs% | Parts % | Labor Hrs% |
| *****Group 7***** | | | | | | |
| 0-500000 hrs, 0-720 mo | 100.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| NOTE: This is a 1.3-hour job for Group 7 | | | | | | |

| Product smu/age whichever comes first | Caterpillar | | Dealer Suggested | | Customer Suggested | |
|--|-------------|------------|------------------|------------|--------------------|------------|
| | Parts % | Labor Hrs% | Parts % | Labor Hrs% | Parts % | Labor Hrs% |
| *****Group 8***** | | | | | | |
| 0-500000 hrs, 0-720 mo | 100.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| NOTE: This is a 1.3-hour job for Group 8 | | | | | | |

| Product | Caterpillar | Dealer Suggested | Customer Suggested |
|---------|-------------|------------------|--------------------|
|---------|-------------|------------------|--------------------|

| smu/age whichever comes first | Caterpillar | | Dealer Suggested | | Customer Suggested | |
|--|-------------|------------|------------------|------------|--------------------|------------|
| | Parts % | Labor Hrs% | Parts % | Labor Hrs% | Parts % | Labor Hrs% |
| *****Group 9***** | | | | | | |
| 0-500000 hrs, 0-720 mo | 100.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| NOTE: This is a 1.3-hour job for Group 9 | | | | | | |

| Product smu/age whichever comes first | Caterpillar | | Dealer Suggested | | Customer Suggested | |
|--|-------------|------------|------------------|------------|--------------------|------------|
| | Parts % | Labor Hrs% | Parts % | Labor Hrs% | Parts % | Labor Hrs% |
| *****Group 10***** | | | | | | |
| 0-500000 hrs, 0-720 mo | 100.0% | 100.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| NOTE: This is a 1.3-hour job for Group 10 | | | | | | |

PARTS DISPOSITION

Handle the parts in accordance with your Warranty Bulletin on warranty parts handling.

Rework Procedure



WARNING

Do not operate or work on this product unless you have read and understood the instruction and warnings in the relevant Operation and Maintenance Manuals and relevant service literature. Failure to follow the instructions or heed the warnings could result in injury or death. Proper care is your responsibility.

Before going to the Customer Site:

1. Prior to any work on suspected assets visit, log into the Asset in the appropriate UI (VisionLink or My.cat.com) and verify that the RED "Impacted by GPS rollover" banner or Popup is still present on this device. Machines WITH this notice in place Proceed to Step 2. Machines WITHOUT this notice have been remotely updated and do not need repair.

2. Refer to REHS9111 installation instructions for all tools to perform the radio installation, as well as familiarity with the installation process.

Note: An Ethernet (425-6889) service tool is required to flash the radio.

Note: All configuration file part numbers are located at <https://dealer.cat.com/en/products/technology/construction-technology/product-link.html> Under the tab "Sales Support", click on the guide for config files named "Next Gen Hardware Ordering Guide for Construction with Config Files and Lookup". Configuration files for your particular machine are located in SISweb in Service Software Files > Flash Files section. Please verify for any related configuration files for your installation.

3. Download the flash files to your PC for updating the PL641 radio:

| | Software |
|-----------------------------------|----------|
| PLE601 CR Network Manager (Const) | 584-1107 |
| PLE601 TR Network Manager (Const) | 586-5314 |
| PLE601 CR Network Manager (E&T) | 575-4335 |
| PLE601 TR Network Manager (E&T) | 575-4275 |
| PL641 Cellular Radio software | 586-5325 |

Imagel.1.1

At the machine:

4. Using Cat Electronic Technician perform a Product Status Report (PSR).

5. Locate the existing PL641 radio and perform the device swap using instructions found in REHS9111. Installation of the new PL641V2 Radio also requires the update of the Antenna. While performing the device swap it is also necessary to remove the old antenna and replace it with one of the new parts listed above. The device only needs one antenna, even though both hard mount and adhesive mount options are provided. Select the version best suited to replace the existing antenna.

6. If the device is a stand-alone PL641 (No PLE601 Network Manager) then connect to the device with Cat Electronic Technician (ET) and set the Product ID of the PL641 to the default (CAT00000).

7. Make sure to follow the entire process until the device performs a ^{lanets} **Caterpillar: Confidential Yellow**

successful communication check.

8. If the device is not communicating refer to UENR5824 to troubleshoot a PL641 radio system. Please complete a successful communication check before leaving the machine.

9. For PL641 (Pro) installation, set the Product ID on the asset using Cat Electronic Technician. The PL Administrator must then subscribe their new Telematics device. Log into the Dealer Service Portal and validate the equipment serial number and ownership in the Equipment Data System. Locate the equipment by the machine Serial Number. Confirm the customer, equipment data, and desired subscription level. Additional information and training can be located at www.dealer.cat.com/pl

Note: For PLE641 radio swap, it is not necessary to change/reset the Product ID or register the asset.

10. Using Com 3 adapter connect to the PL641 via Winflash and perform an update to the firmware on the PL641 using the firmware flash file referred to in Image 1.1.1.

11. If a PLE601 network manager is present (Elite Installation) then update the network manager software as shown in Table 1.1.1. Select firmware for the Network Manager according to device type by serial number suffix code (See Image 1.2.1 below) and industry group for asset (Construction or Energy & Transportation).

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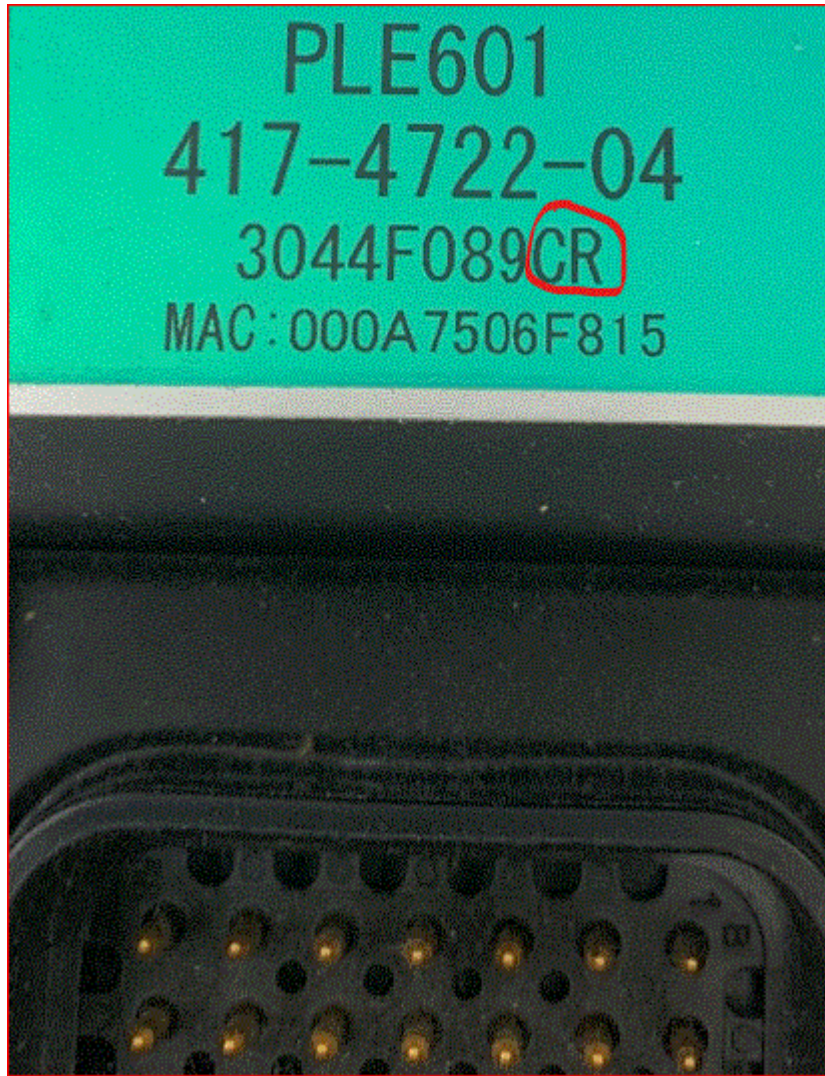


Image1.2.1

12. While connected via Cat Electronic Technician, take a Product Status Report (PSR) .

13. Once the installation is completed please send all required documents to your PL Technical Communicator and make sure the Radio MAC address is among that documentation.

Note: If the radio updated successfully and the PL641 radio was not replaced then record as a "Before Failure" claim. If the PL641 radio hardware was replaced, then record as an "After Failure" claim.