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web engine model and ddec ii ddec iii serial number engine identification designation detroit diesel electronic control ddec systems are available as stan the engine serial number and model dard or optional items on many series number are stamped on the cylinder 92 engine models

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web may 22 2019 figure 1 ddec iii system series 50 diesel figure 2 ddec iii system series 50 natural gas any faults that occur are stored as codes in the ecm s memory these codes can be accessed in any of three ways a ddr can be used to read the codes see figure the ddr and printer

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web appendix a codes the codelisted may not be used in all applications a default value in the normal operating range is used by the ecu to provide for engine operation if a sensor failure is present ddc code j1939 j1587 flashed spn pid sid fmi description 240 2 fram checksum incorrect 240 13 tpu checksum incorrect

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web the different types of gear hobbing are hobbing with axial feed hobbing with radial feed or hobbing with tangential feed axial feed is when the hob is fed along the face of the blank and parallel to axis this method is used in spur and helical gear manufacture radial feed is when the gear blank and hob axes are set normal to each other

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web lc 200 500 the machine concept machine concept liebherr hobbing machines are optimized for universal gear applications our high performance hobbing machines are productive and machine in the highest quality 6 cnc axes optimised stiffness of the machine bed with fe analysis model thermo symmetrical machine design for constant
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web 18 fig 1 a b 38 gear technology cessive cuts on the workpiece with the work piece in a slightly different position for each cut see fig 1b several cutting edge of the tool will be cutting at the same time the hob is basically a worm with gashes cut axially across it to produce these cutting edges

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