

Parts4Marx Tech Tips

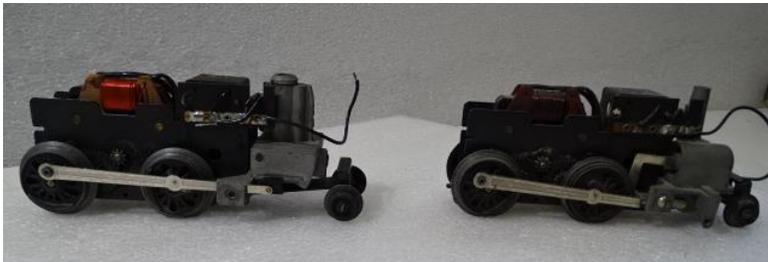
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1666 Steam Chest Smoker Engines

Marx made a few gray plastic 1666 engines that had a steam chest allowing the smoke to come both out the stack and on the sides of the steam chest by the wheels. Smoke oil has a difficult time getting to the bottom of the smoke unit on this design, so many of them burn up.



A Marx 1666 steam chest smoker engine (right) compared to a standard 666/1666 smoker engine (left). The standard smoker engine has a trim piece (RG Part No. 212 666/1666 Smoke Unit Top Insert) at the top to extend the stack up through the engine shell's smokestack. The steam chest smoker's stack has a tapered smokestack and does not accommodate an insert trim piece.



The piston for the steam chest may warp or melt. RG Part No. 305 Smoke Unit Nylon Piston is available to replace a damaged part.

The side rods that fit the steam chest have an offset portion to fit inside the mechanism. Reproduction steam chest side rods are not available, and a used part is hard to find.

Side and top views of a 1666 engine with steam chest.



Note: Marx had a common smoke unit that came in most 666/1666 engines. The common smoke unit uses the RG Part No. 310 side rod with pin, which is not compatible with the steam chest motors.