

Instructions (chassis)

The chassis of Marklin 8800, 8805 and 88051 0-6-0 steam locomotives can be used for this kit. After removing the steam locomotive shell, pull out the bumpers, remove motor brushes, pull off "dummy" side rod assemblies and snap off plastic cylinder. Remove clear acrylic wheel contact / brush holding platform, then carefully pull out the steel pins of both side rods. Using X-acto knife, cut off the side rod spacers from both rear driving wheels, so the whole wheel surface become flush, similar to the other wheels.

Next, the removal of center wheels. The older Marklin 8800 locomotive chassis have rigid gear shaft / wheel assemblies. To cut off the wheels from the center shaft, the wheel assembly need to be removed from the chassis. Use Dremel cutting disc or fine jeweler's saw to cut the shaft close to the wheels. File shaft ends smooth, then after careful cleaning, reinstall gear.

To remove the center wheels from chassis with "floating" axes (8805, 88051) no disassembly needed. The best suited tool for the job is the Xuron rail cutter. Slide the tool with open jaws between the wheel and chassis, then slowly close the jaws. If the shaft remains in place after the wheels are separated, pull it out with a pair of smaller pliers, using some force.

At this stage of work, if desired, the original Marklin couplers can be easily replaced with Micro-Trains 902 couplers (not included with the kit), just follow the coupler installation instructions.

To secure the clear acrylic wheel contact / brush holding platform, it need to be slightly modified. Using a small round file, the front center portion of acrylic need to be filed off (A) to clear for the replacement screw. Remove front gear cover plate screw, reinstall modified acrylic platform, install the 00-90 x 3/8" brass screw (included in the kit), place the white styrene spacer next to the front edge of acrylic platform, install brass front clamp securing with the included brass washer and nut (B). Reinstall brushes.

The side frames snap fit between the shoulders of chassis and the ears of acrylic platform (C).

