



F7 Type Gearbox

65057

THE PRODUCT

Attention! This product is intended for advanced users only.

These gearboxes are intended for kitbashing and scratch-building projects. Each gearbox features:

- protected mechanism with sevenpole motor
- four powered wheels
- six power pickups

One of the gearboxes is equipped with a traction tire.

THE PROGRAM

With this model, we recommend the following item:

- 65003 American Diesel Sound Unit

For information on the complete LGB program, see the LGB catalog.

OPERATION

Electrical connections

Each gearbox is a “D” gearbox. On top of the gearbox are four pins:

ws/br (white/brown): track power pickup connections

ge/gr (yellow/green): motor connections

Each gearbox will work only if the white (ws) and yellow (ge), as well as the brown (br) and green (gr) pins are connected. This routes the current from the tracks to the motor.

Power Supply

Attention! For safety and reliability, operate this model with LGB power supplies (transformers, power packs and controls) only. The use of non-LGB power supplies will void your warranty.

The motors of the gearboxes are designed to operate on 0 – 24V DC. Use this model with LGB power supplies **with an output of more than 1 amp**. For more information on LGB power supplies for indoor, outdoor and multi-train operation, see the LGB catalog.

SERVICE

Attention! Improper service will void your warranty. For quality service, contact your authorized retailer or an LGB factory service station (see **Authorized Service**).

Hint: Additional expert instructions for many LGB products are available at www.lgb.de

Lubrication:

The axle bearings should be lubricated occasionally with a small amount of LGB Maintenance Oil (50019).

Replacing the motor:

- Remove the top of the gearbox by removing two screws.
- Replace the motor.
- Reassemble.

Attention! If the motor is removed, generously lubricate the gears with LGB Gear Lubricant (51020).

Replacing the brushes, pick-up shoes or wheelsets:

- Remove the three screws on the bottom of the gearbox.
- Remove the bottom of the gearbox. Attention!
- Replace the wheelsets, pick-up shoes or brushes.
- Reassemble.

Attention! If the wheelsets are removed, generously lubricate the gears with LGB Gear Lubricant (51020).

Authorized Service

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Hint: Information on LGB products and LGB representatives around the world is available online at www.lgb.de

CAUTION!

This model is not for children under 15 years of age. This model has small parts, sharp parts and moving parts. Save the supplied instructions.

Products, specifications and availability dates are subject to change without notice. Some products are not available in all markets and at all retailers. Some products shown are pre-production prototypes.

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