Congratulations!

cated model trains ever built—the Lionel TrainMaster® Commandequipped 704 Hudson. From it's scale details to the advanced technology

present inside, your 704 AT&SF Warhorse Hudson are ready for duty on your model railroad layout. Experience the superiority of today's Lionel.

- Powerful Pullmor® motor
- Liontech Command[™] LCRV2 reverse unit for use with the Lionel TrainVlaster[®] Command[™] model railroad control system
 - Smoke generator that produces clean, safe, and realistic smoke
 - Railsounds[™] Hudson digital sound system
 - Wagne-Traction® and optional Tire-Traction™
- Directional lighting

Wireless Tether

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TrainWaster Command operations

Lionel Service	Adding fluid to your 704 Hudson's smoke generator	Replacing your 704 Hudson's headlight	Lubricating your 704 Hudson's Pullmor® motor armature	Lubricating your 704 Hudson	vaintaining and servicing your Hudson

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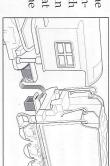
Transformer operations

Running your Lionel 704 Hudson with a Lionel transformer

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Place your 704 Hudson on Lionel or Lionel-compatible 0 gauge track

- Note the pull of Magne-Traction® between your 704 Hudson and the steel
 track. Magnetized wheels and axles increase pulling power (more than 25
 cars on straight and level track) and keep your 704 Hudson on track while
 passing swiftly through curves. Your 704 Hudson will negotiate O-42 and
 larger curves.
- With track power OFF, Connect the drawbar between locomotive and tender. Thats all you have to do with Lionel's new Wireless Tether[®], an infrared communication system that eliminates the plugs and wires of the past



Included with your Lionel 704 Hudson are two center drive wheels with Traction Tires. You may choose to have these installed to give your Hudson extra railhead-drive grip.

Because installation requires the removal and reinstallation of some of the linkage, we recommend that you have your local Authorized Lionel Service Center perform this service.

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Power up your 704 Hudson with your transformer

- Your 704 Hudson is designed to operate on 8-18 volts alternating current.
 Virtually all Lionel and Lionel-compatible alternating-current transformers are suitable; we recommend the TrainMaster Command model rail-road control system.
- Do not power your 704 Hudson with direct current (DC). Damage to sensitive electronic components may occur.
- When you first power up your track, the 704 Hudson will wait between 3 and 8 seconds as it "listens" for digital language from the TrainMaster Command Base (available separately). When it's determined that it's on a conventional (nonCommand) railroad, the 704 Hudson's headlight will illuminate and Railsounds will fire up. At this point, the 704 Hudson is in neutral. (This occurs when placing the Hudson on your railroad for the first time. Thereafter, it starts in forward after every three-second power interrupt.)



Move 'em out

- Get your 704 Hudson moving. Press the DIR button on your CAB-1 remote or Lionel transformer. This sequences the Liontech Command reverse unit (LCRU2) to the next operating state.
- Adjust track voltage until your Hudson moves at your desired speed.