

# MICROMOTOR NF003G



Fleischmann NS 1600 SNCF BB 1500, 1600, 22200, 7200  
 Glockenankermotor Umbau Spur N  
 Coreless motor upgrade N gauge  
 Klokankermotor ombouwset N

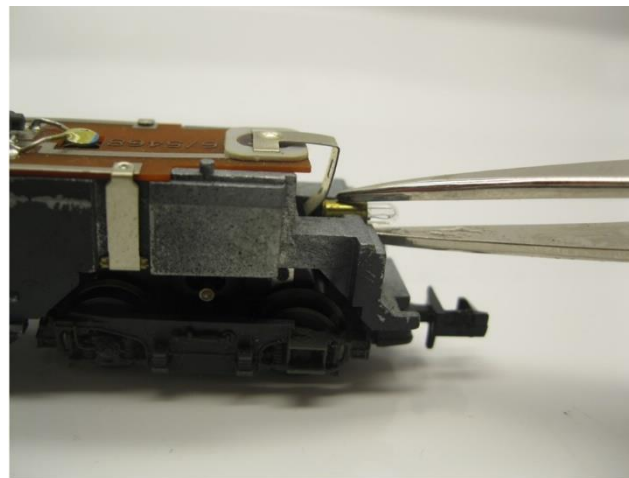
**Warning!** This product is not a toy and is not suitable for children under 14 years contains small parts. This product contains electronic parts so do not throw them in the household waste but hand them in separately. The EU WEEE directive applies.

**Achtung!** Dieses Produkt ist kein Spielzeug, nicht für Kinder unter 14 Jahren geeignet, enthält Kleinteile. Dieses Produkt enthält elektronische Teile. Werfen Sie diese daher nicht in den Müll, sondern getrennt einsammeln. Es gilt die EU-WEEE-Richtlinie.

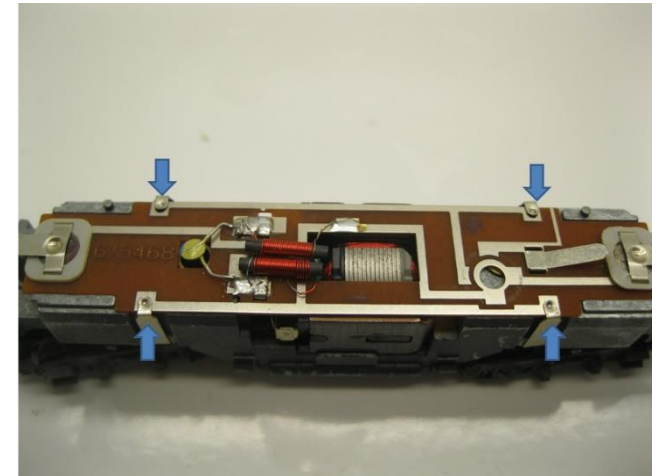
**Opgelet!** Dit product is geen speelgoed, niet geschikt voor kinderen onder de 14 jaar, bevat kleine onderdelen. Dit product bevat elektronische onderdelen, gooi dit daarom niet bij het huisafval maar lever dit apart in. WEEE-Regelgeving van de EU is van toepassing.



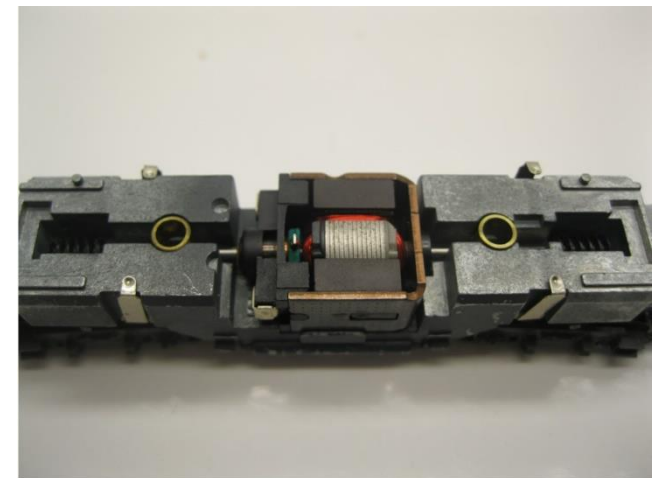
Öffnen Sie die Lokomotive  
 Open the locomotive  
 Open de locomotief



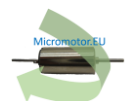
Ausbau alter Motor  
 Take out the old motor  
 Demonteer de oude motor

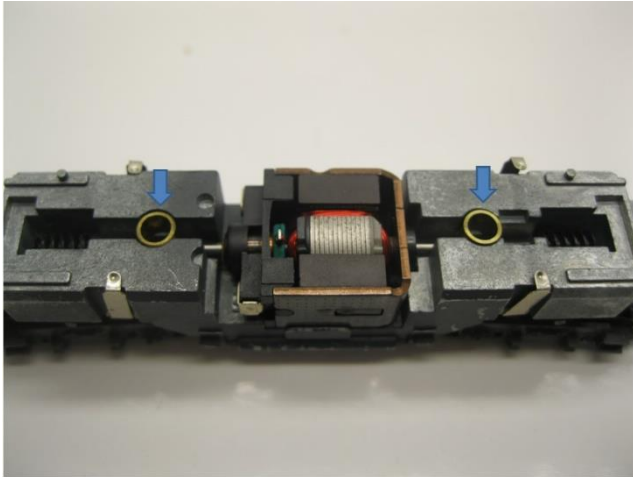


Ausbau alter Motor  
 Take out the old motor  
 Demonteer de oude motor

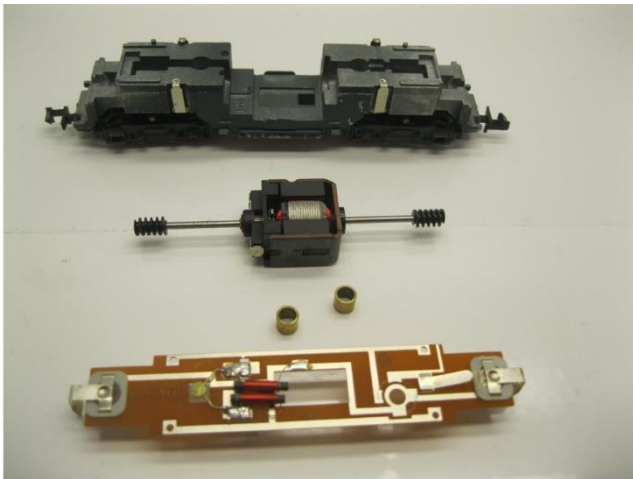


Ausbau alter Motor  
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 Demonteer de oude motor

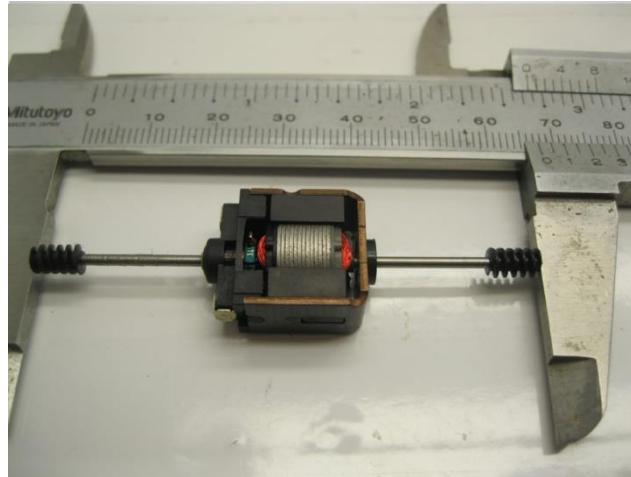




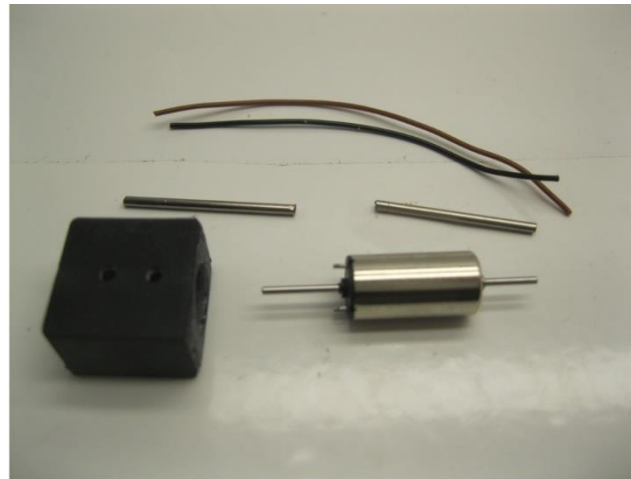
Ausbau alter Motor  
Take out the old motor  
Demonteer de oude motor



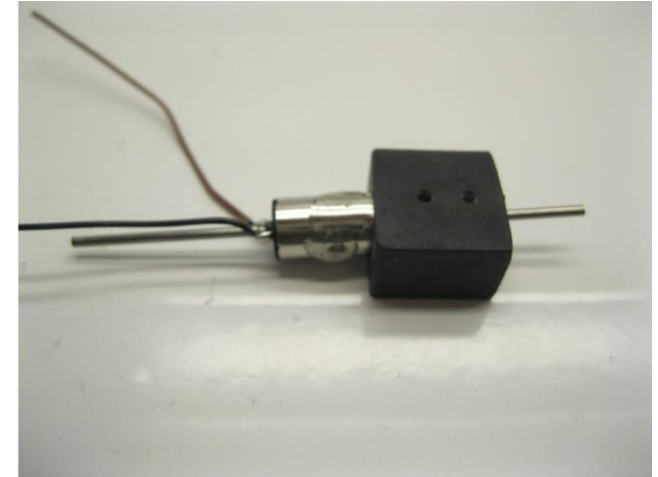
Ausbau alter Motor  
Take out the old motor  
Demonteer de oude motor



Maße prüfen  
Check dimensions  
Controleer de maatvoering



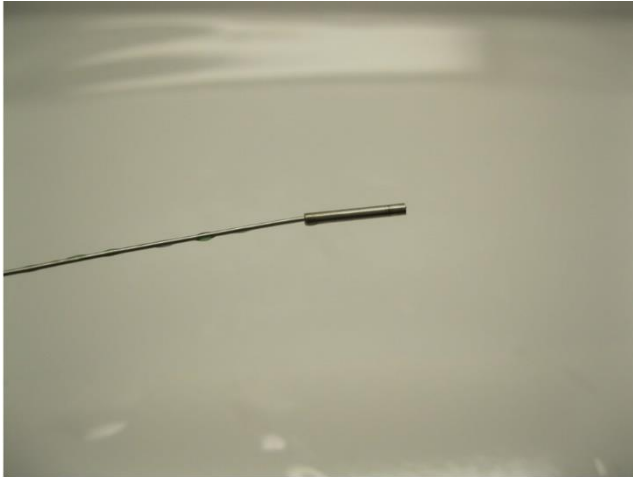
Die Teile des Bausatz (Schnecken nicht auf dieses Bild)  
The parts of the kit (Worm gears not on this picture)  
Onderdelen van de ombouwset (Wormwielen zijn niet afgebeeld)



Der Motor wird mit Epoxidkleber oder Sekundenkleber in den Motorhalter eingeklebt  
The motor is glued into the motor holder with epoxy glue or super glue  
De motor wordt verlijmd in de motorhouder met secundelijm of epoxy lijm



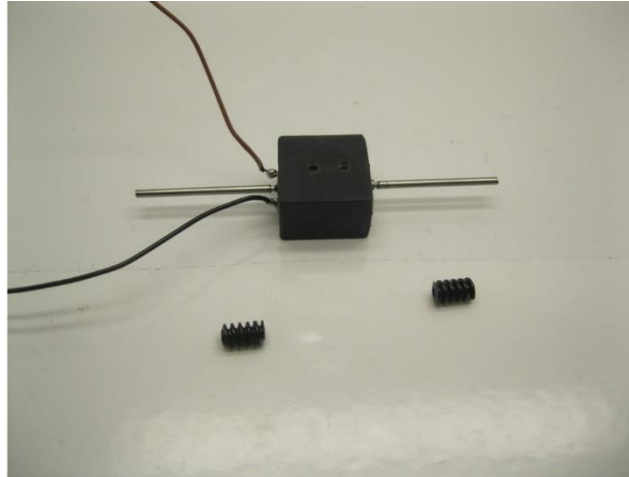
Metall Teile werden mit Loctite oder Metal Epoxy Kleber verklebt  
Metal parts are glued with Loctite or metal epoxy glue  
Metalen onderdelen worden gelijmd met loctite of epoxylijm voor metalen



Tragen Sie Klebstoff auf die Innenseite des Teile auf  
Apply glue on the inside of the part  
Plaats alleen lijm aan de binnenzijde van de onderdelen



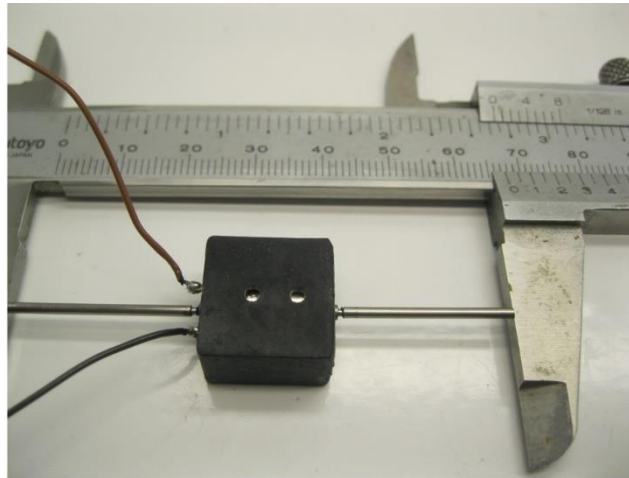
Tragen Sie keinen Kleber auf die Achse auf  
Don't apply glue on the axle  
Plaats geen lijm op de as



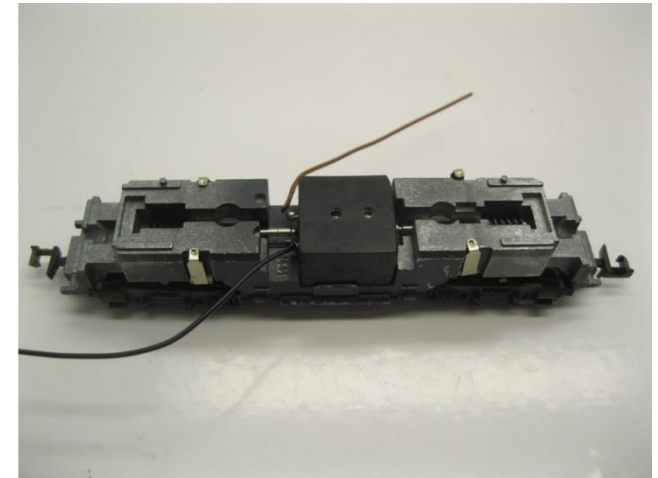
Die Wellenadapter sind geklebt.  
The shaft adapters are glued.  
De as adapters zijn verlijmd



Schnecken kleben  
Glue the worms  
Lijm de wormwielen

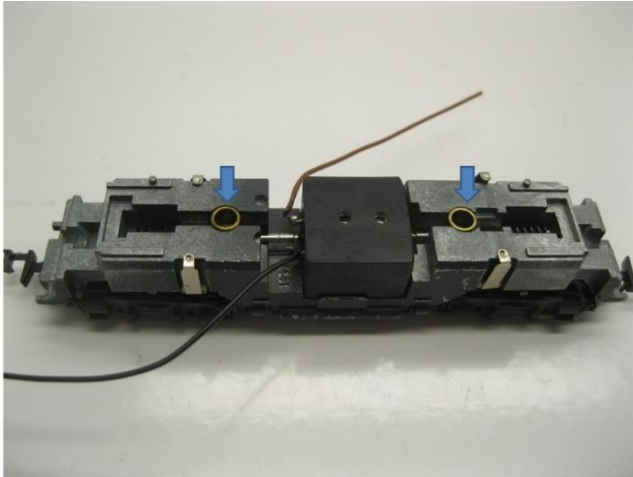


Abstand prüfen  
Check distance  
Controleer de afstand

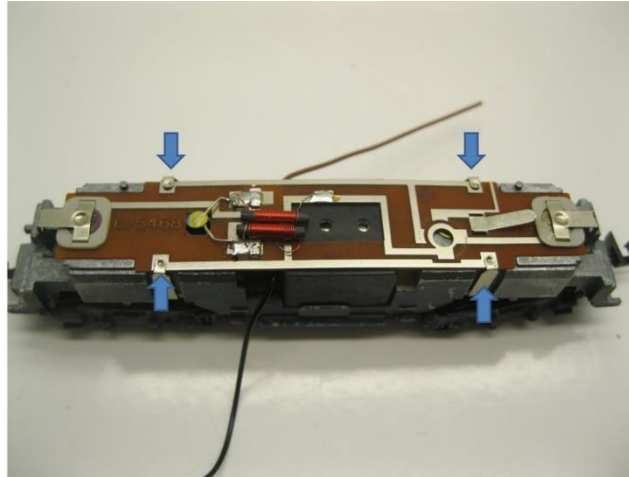


Motor platzieren  
Mount motor  
Plaats motor

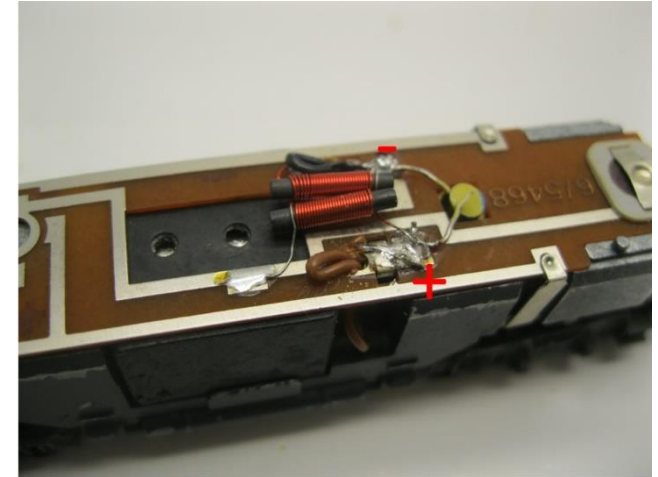




Messingbuchsen platzieren  
Mount brass bushings  
Plaats de messing lagere



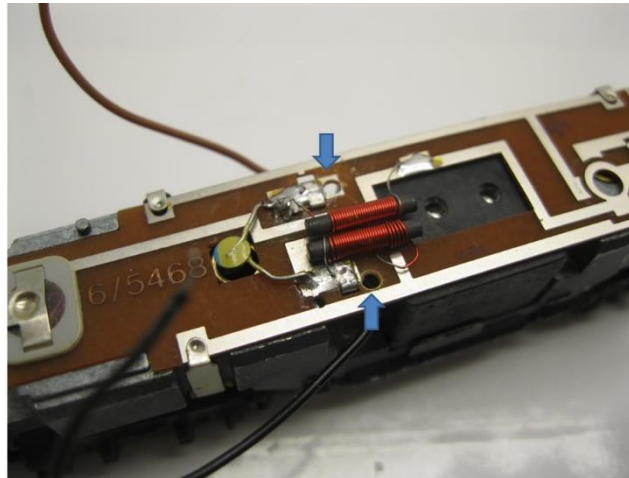
Platine platzieren  
Mount the PCB  
Plaats de printplaat



Löten Sie die Drähte  
Solder the wires  
Soldeer de draden



Alter Motorkontakte entfernen  
Remove old motor contacts  
Verwijder de oude motorcontacten



Bohren Sie 2 Löcher für die Drähte  
Drill 2 holes for the wires  
Boor 2 gaatjes voor de draden



Lampen platzieren  
Mount lights  
Plaats de verlichting



Umbau fertig  
Upgrade complete  
Ombouw gereed



Micromotor NF003G

