Notizen:

BEDIENUNGSANLEITUNG DIESELLOKOMOTIVE BR 103

Instruction sheet for Diesel Locomotive BR 103

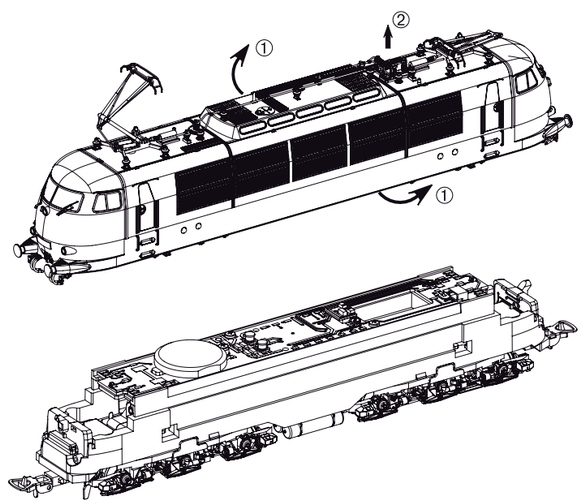
PIKO MODELLBAHNEN & GEBÄUDEMODELLE HO

PluX22

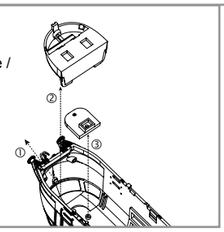
 # 51682 Gleichstrom DC 0-12 V ⎓

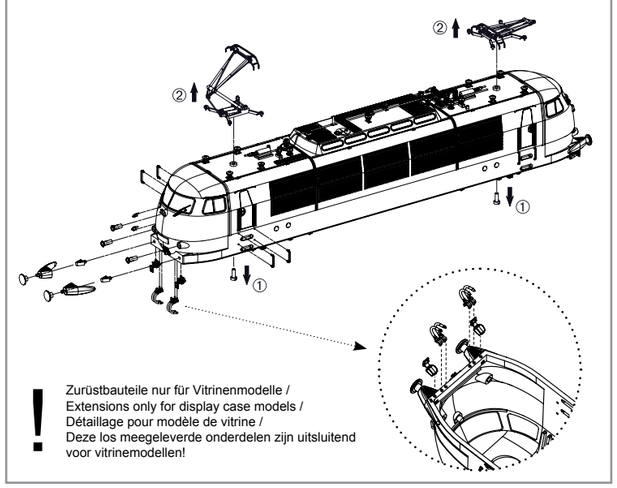
 # 51683 Wechselstrom AC 0-16 V ~

①
Gehäuse leicht spreizen und nach oben abziehen /
Extend the body and pull slightly upward /
Ecarter légèrement la caisse et retirez-la par le haut /
Sprijd lichtjes de kast en verwijder naar boven



Führerstand - Demontage:
Drivers cab - disassembly /
Cabine de conduite - démontage /
Bestuurderscabine - demontage



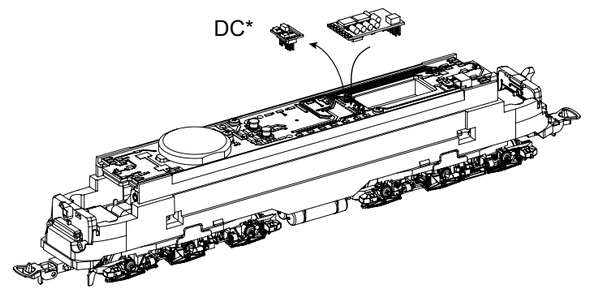


! Zurüstbauteile nur für Vitrinenmodelle /
Extensions only for display case models /
Détaillage pour modèle de vitrine /
Deze los meegeleverde onderdelen zijn uitsluitend voor vitrinemodellen!

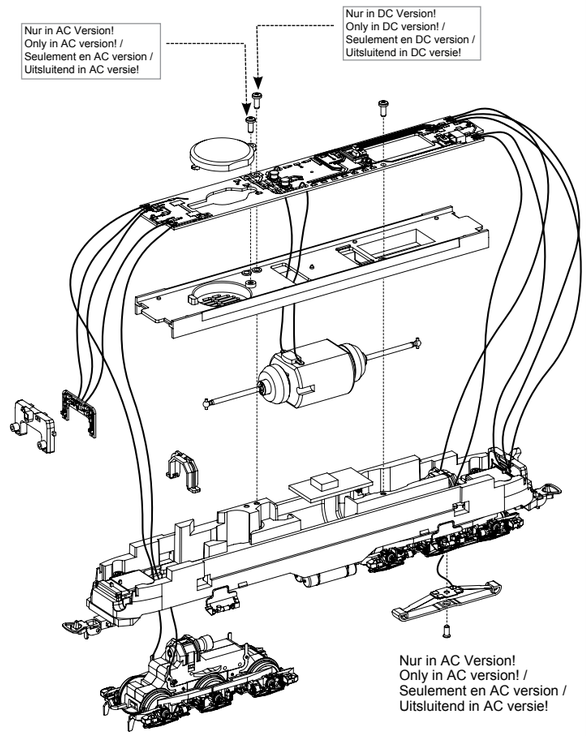
Decodereinbau:
Installing Decoder /
Installation du décodeur /
Inbouw decoder

In DC Version nicht enthalten!
Not included in DC version! /
Non compris dans la version 2 rails DC! /
Bij de DC versie niet inbegrepen!

PIKO # 56400 / # 56401



* Bitte Brückenstecker aufbewahren!
Please save the DC Bridge!
Conservez l'interface digitale!
De brugstekker s.v.p. bewaren!

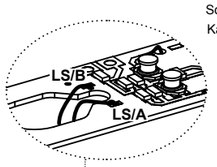


PIKO Spielwaren GmbH • Lutherstraße 30 • 96515 Sonneberg • GERMANY

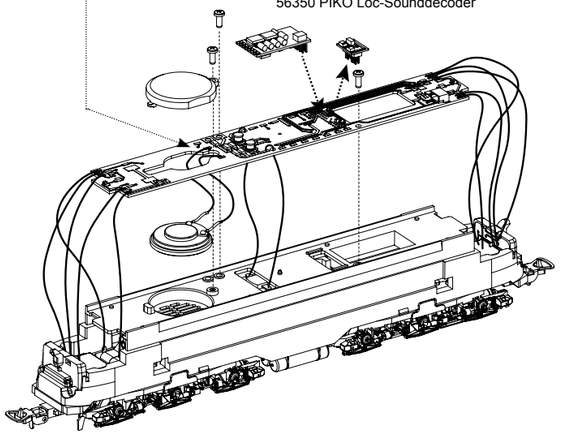
51682-90-7010_V7

Zurüstbauteile in DC-Version:
Extension in DC version /
Pièces pour Version DC /
Bijkomende onderdelen DC-versie

Kabel von Lautsprecher auf Leiterplatte anlöten! /
Solder cables of speakers on mainboard on! /
Souder les câbles du haut parleur au circuit imprimé /
Kabel van de luidspreker op de printplaat solderen!



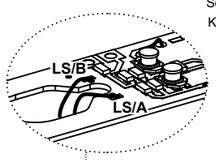
56350 PIKO Sound-Decoder
56350 PIKO Sound Decoder Kit
56350 PIKO Sound Décodeur
56350 PIKO Loc-Sounddecoder



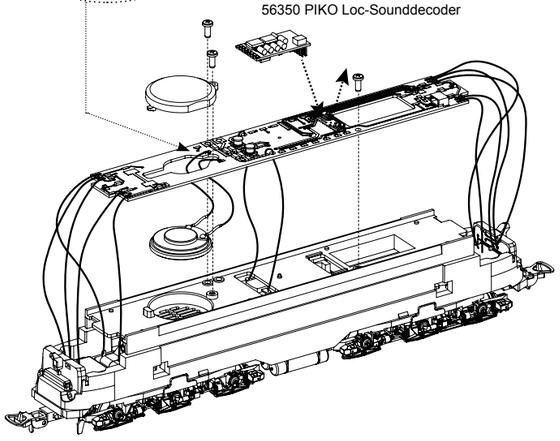
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Please save the DC Bridge! /
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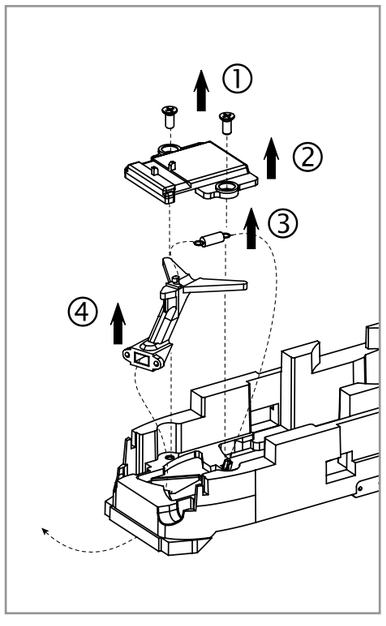
Zurüstbauteile in AC-Version:
Extension in AC version /
Pièces pour Version AC /
Bijkomende onderdelen AC-versie

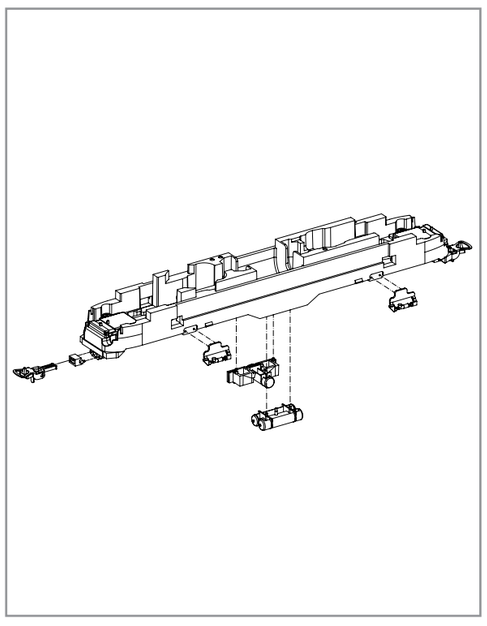
Kabel von Lautsprecher auf Leiterplatte anlöten! /
Solder cables of speakers on mainboard on! /
Souder les câbles du haut parleur au circuit imprimé /
Kabel van de luidspreker op de printplaat solderen!

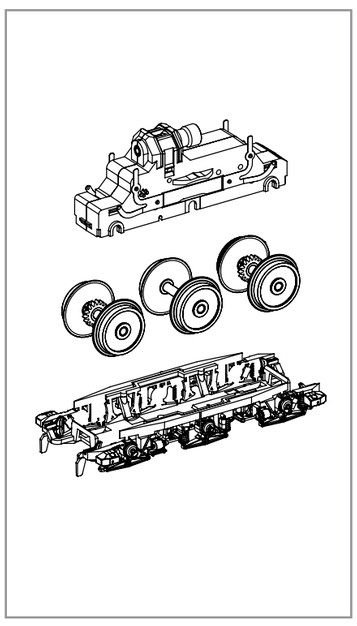


56350 PIKO Sound-Decoder
56350 PIKO Sound Decoder Kit
56350 PIKO Sound Décodeur
56350 PIKO Loc-Sounddecoder





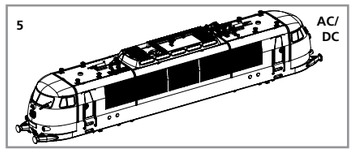




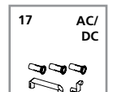
ERSATZTEILE DIESELLOKOMOTIVE BR 103

Spare parts for Diesel Locomotive BR 103

Bei Ersatzteilanforderung bitte immer die vollständige Ersatzteil-Nr. angeben • Please order the wanted spare part with the complete spare part item number.

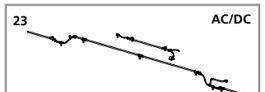


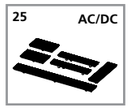


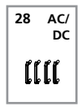


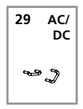


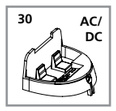


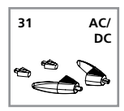


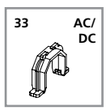


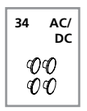


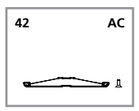


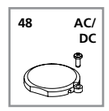


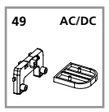


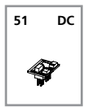


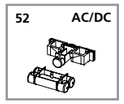


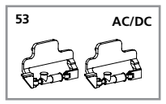


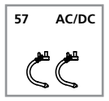


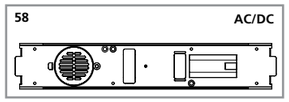


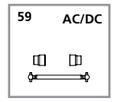


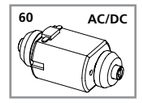


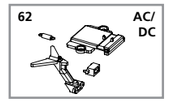


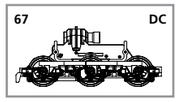


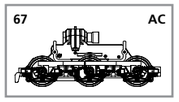


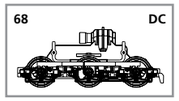


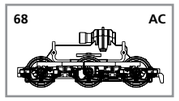


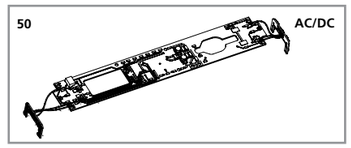


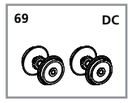


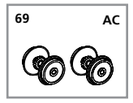


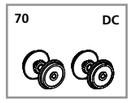


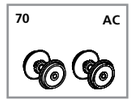












Bezeichnung / Description	ET-Nr. / spare part N°	PG*
Gehäuse komplett (ohne Stromabnehmer) / Body, complete (w/o pantograph)	51682-05	17
Feder für Deichsel (2 Stck.) / Spring for shaft (2 pcs.)	59900-16	5
Leuchtstäbe, Leuchteinsätze / Light bars, Light cover	51682-17	7
Düsenlüfter (5 Stck.) / Air grill (5 pcs.)	51670-18	7
Isolatoren / Isolators	51682-21	10
Dachleitungen / Roof cables	51670-23	7
Dachlaufroste / Roof walkway	51682-25	8
Handlauf Tür (4 Stck.) / Door handrail (4 pcs.)	51682-28	7
Handgriff Stirn (2 Stck.) / Handrail front (2 pcs.)	51682-29	7
Führerstand / Driver seat	51670-30	7
Pufferverkleidung mit Adapater / Buffer covering w adapter	51682-31	7
Getriebehalteklammer / Clamp	59560-33	6
Puffer / Buffer	51672-34	6
Schallkapsel Lautsprecher mit Schraube / Sound capsule loudspeaker w screw	51670-48	6
Lichtmasken / Light mask	51670-49	6
Hauptplatine mit Beleuchtungsplatinen und Kabel / Main board with Light-boards and wires	51670-50	16
Batteriekasten, Kessel / Battery box, Boiler	51672-52	7
Schlingerdämpfer (2 Stck.) / Shockabsorber (2 pcs.)	51672-53	6
Bremsschläuche / Brake hose	51510-57	6
Motorhalter / Motorholder	51670-58	8
Kardanwelle + Buchsen / Cardan billow + bushes	51670-59	7
Motor komplett / Motor complete	51670-60	16
Deichsel, Abdeckung, Feder / Shaft, Cover, Spring	51674-62	8
Drehgestell mit Kleinteile vorne / Bogie w small parts, front	51672-75	10
Kleinteile Drehgestell / Small parts	51672-77	9
Stromkupplung (2 Stck.) / Voltage couple (2 pcs.)	51672-78	6
Schraubenset (9-tlg.) / Screws (set of 9)	51670-79	7
ET aus unserem Standard-Programm / Spare parts standard range		
Haftreifen (10 Stck.) / Friction tyres (set of 10)	56028	
Kupplung (2 Stck.) / Coupling, complete (set of 2)	56030	
Stromabnehmer / Pantograph	56258	
PIKO Sound-Decoder / PIKO Sound Decoder Kit	56350	

Bezeichnung / Description	ET-Nr. / spare part N°	PG*
nur für DC-Version / only for DC version		
Brückenstecker / DC bridge	59740-51	8
Getriebe vorne komplett / Gearbox rear complete	51672-67	14
Getriebe hinten komplett / Gearbox rear complete	51672-68	14
Radsatz oh. Haftreifen (2 Stck.) / Wheelset w/o tyres (2 pcs.)	51510-69	9
Radsatz m. Haftreifen (2 Stck.) / Wheelset w tyres (2 pcs.)	51510-70	9
Radsatz oh. Zahnrad (2 Stck.) / Wheelset w/o gearwheel (2 pcs.)	51672-71	9
Drehgestell mit Kleinteile, hinten / Bogie w small parts, rear	51672-76	10
Steckeinsatz f. Drehgestell, hinten / Bogie insert	51642-127	6
ET aus unserem Standard-Programm (nur DC-version) / Spare parts standard range (only DC version)		
PIKO SmartDecoder 4.1 PluX22 DCC / PIKO SmartDecoder 4.1 PluX22 DCC	56400	
nur für AC-Version / only for AC version		
Schleifer mit Schraube / Slider w screw	59380-42	10
Getriebe vorne komplett / Gearbox rear complete	51673-67	14
Getriebe hinten komplett / Gearbox rear complete	51673-68	14
Radsatz oh. Haftreifen (2 Stck.) / Wheelset w/o tyres (2 pcs.)	51511-69	9
Radsatz m. Haftreifen (2 Stck.) / Wheelset w tyres (2 pcs.)	51511-70	9
Radsatz oh. Zahnrad (2 Stck.) / Wheelset w/o gearwheel (2 pcs.)	51673-71	9
Drehgestell mit Kleinteile, hinten / Bogie w small parts, rear	51673-76	10
Steckeinsatz f. Drehgestell, hinten / Bogie insert	51643-127	6
ET aus unserem Standard-Programm (nur AC-version) / Spare parts standard range (only AC version)		
PIKO SmartDecoder 4.1 PluX22 mfx / PIKO SmartDecoder 4.1 PluX22 mfx	56401	

*Preisgruppe *price category