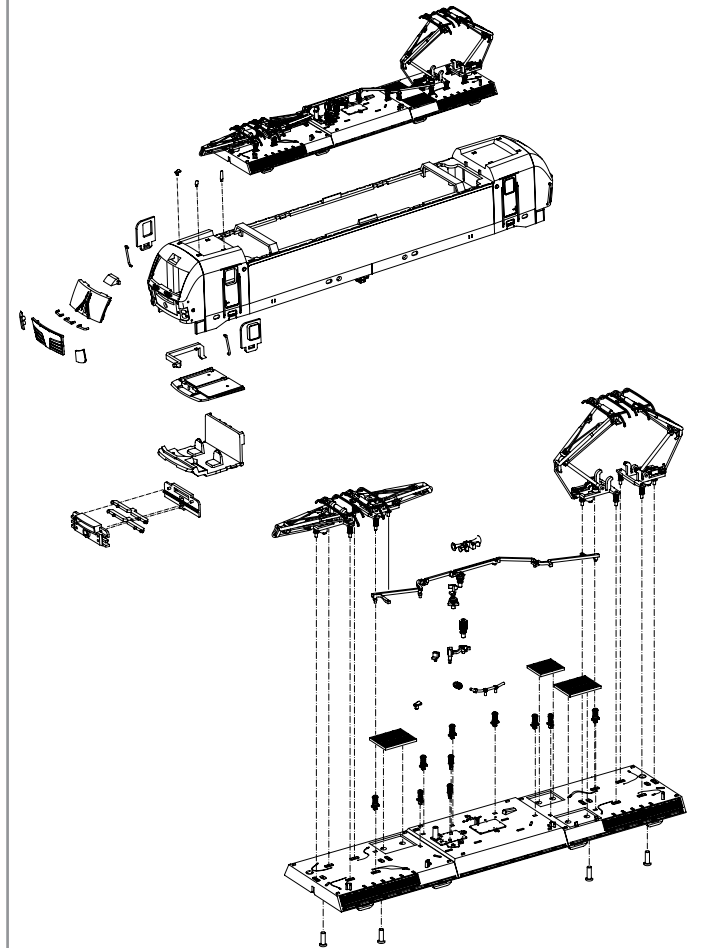
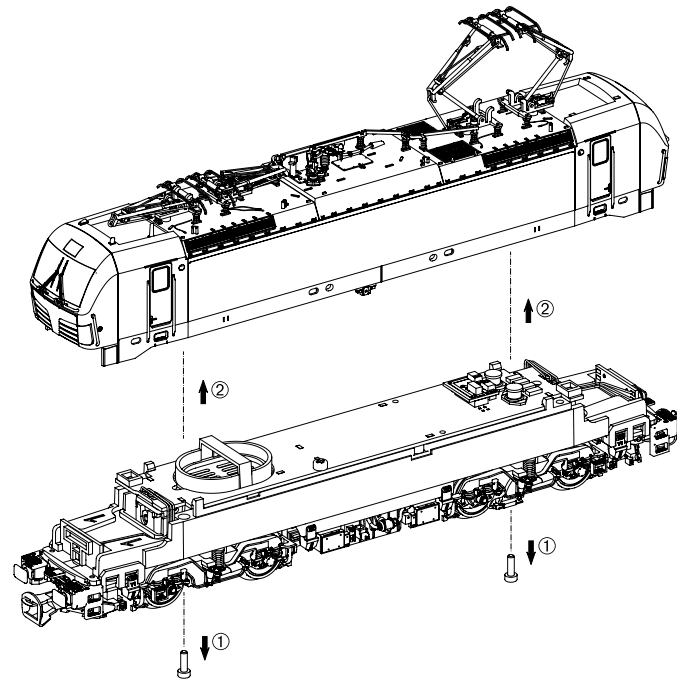


A top-down view of a PIKO H0 train set, showing the locomotive and two passenger cars. Eight numbered arrows point to specific components: 1 points to the front of the locomotive, 2 to the front of the first passenger car, 3 to the front of the second passenger car, 4 to the front of the locomotive, 5 to the front of the first passenger car, 6 to the front of the second passenger car, 7 to the front of the locomotive, and 8 to the front of the first passenger car.

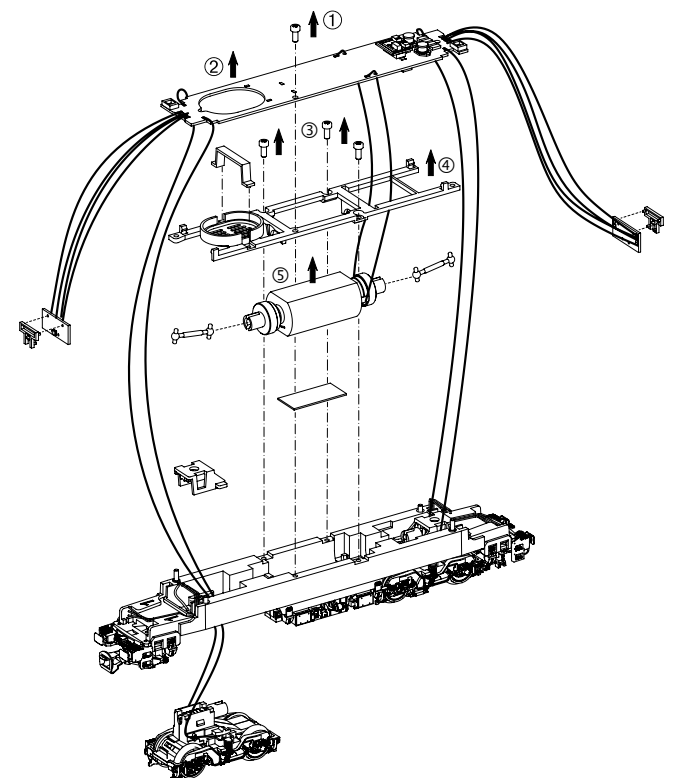
PIKO kat.čís. 56301 – mazací olej
PIKO kat.čís. 56300 – mazací olej s jemným dávkováním

PIKO
MODELLBAHNEN & GEBÄUDEMODELLE 

47385 Gleichstrom DC

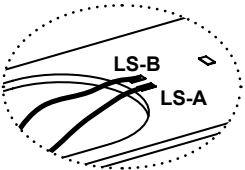


This technical drawing shows a side view of a locomotive chassis. It features a long, rectangular body with a large circular component, likely a fan or part of the cooling system, on the left side. The chassis is supported by a series of wheels and axles, with various mechanical components and fasteners visible along its length. The drawing is a detailed line art representation of the mechanical structure.

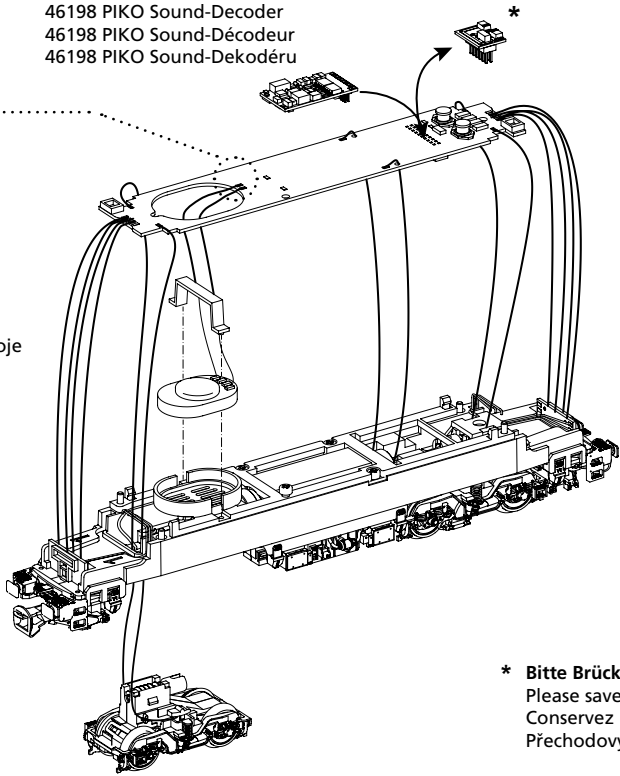


Zurüstbauteile:
Extension / Pièces /
Dolepovací díly

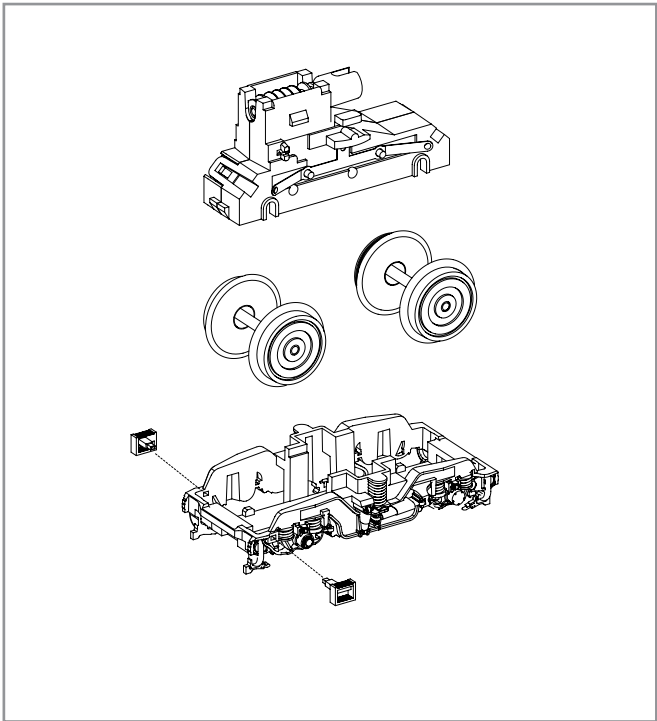
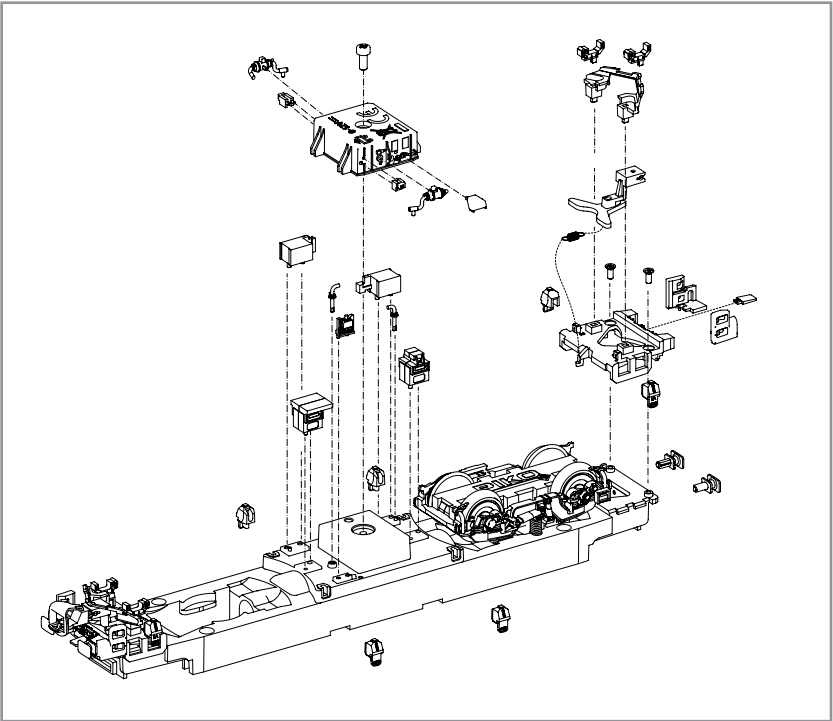
46198 PIKO Sound-Decoder
46198 PIKO Sound-Decoder
46198 PIKO Sound-Décodeur
46198 PIKO Sound-Dekodéru



Kabel von Lautsprecher auf Leiterplatte anlöten! /
Solder cables of speakers on mainboard on! /
Câble souder des haut-parleurs à bord! /
Kabel od reproduktoru připájejte na destičku plošného spoje



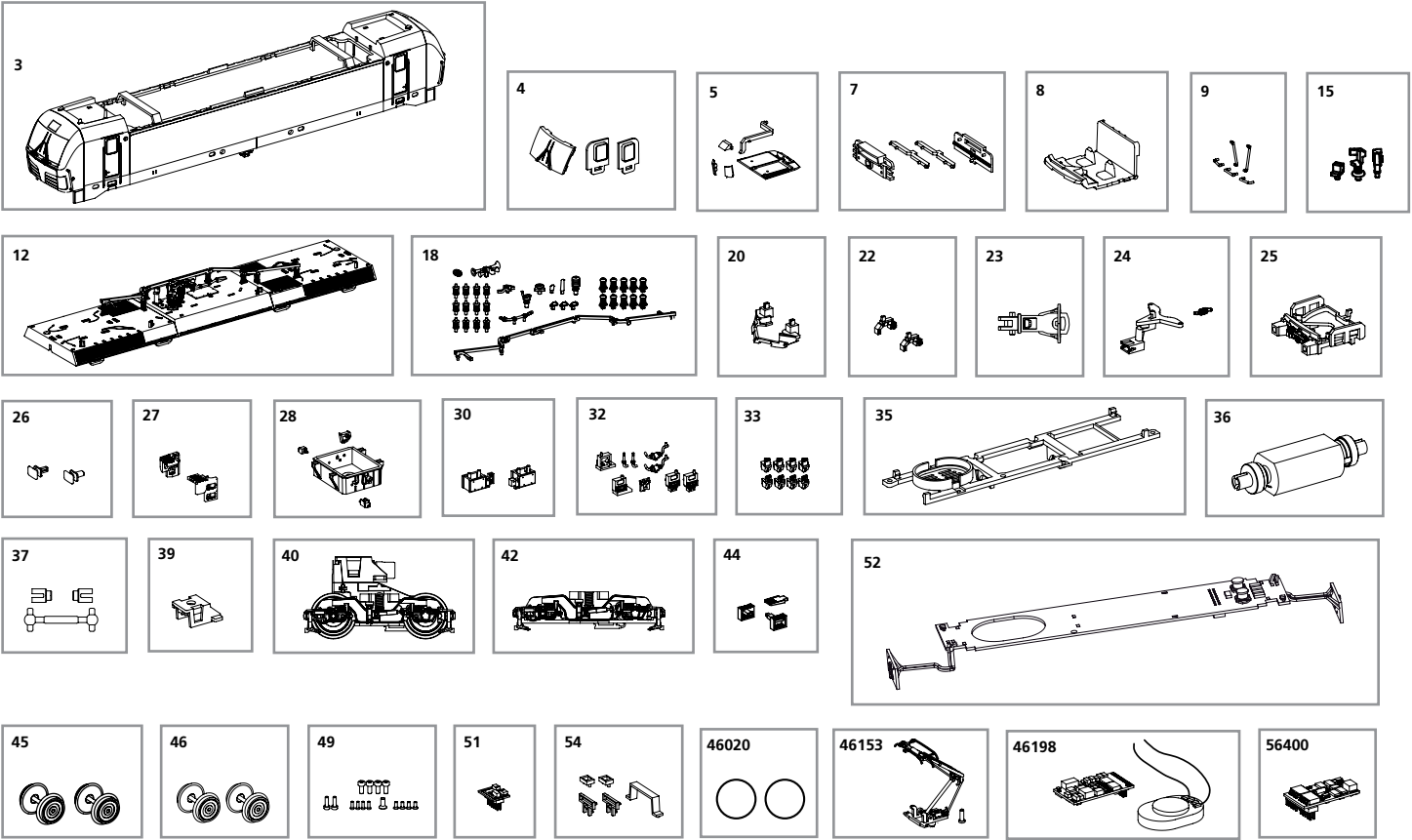
* Bitte Brückenstecker aufbewahren!
Please save the DC Bridge /
Conservez l'interface digitale! /
Přechodový můstek prosím uschovejte!



ERSATZTEILE ELEKTROLOKOMOTIVE BR 193_TT

Spare parts • Pièces de rechange • Reserveonderdelen

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 Dach, ohne Pantograph) / Body, complete (w/o roof, w/o panto)	47385-03	14
Fenster (3-tlg.) / Windows (3 pcs.)	47385-04	7
Leuchstab oben + Scheinwerfereinsätze / Transfer light bar roof + headlight inserts	47380-05	8
Leuchstab unten mit Abdeckung / Light bar with cover	47380-07	8
Führerstand / Driver cab	47380-08	7
Handstangen (5-tlg.) / Handrails (set of 5)	47386-09	8
Dach mit Lüftergitter / Roof with Ventilation plate	47386-12	12
Hochspannungskabel / High-voltage cable	47382-15	7
Isolatoren / Hupe / Antennen / Dachleitung / Insulators / Horn / Antenna / Roof cables	47384-18	9
Schienenräumer / Cow catcher	47386-20	7
Ansteckteil Schienenräumer (2 Stck.) / Cow catcher part (set of 2)	47380-22	7
Kupplung / Coupling	47220-23	6
Kupplungsdeichsel mit Feder / Drawbar with spring	47380-24	7
Pufferbohle / Buffer base	47380-25	7
Puffer (2 Stck.) / Buffer (set of 2)	47380-26	6
Schürze rechts/links / Step right/left	47395-27	7
Transformator / Transformer box	47384-28	7
Batteriefach vorne/hinten / Battery front/rear	47385-30	8
Rahmentteile / Attaching parts	47380-32	8
Sandkästen / Sandbox	47386-33	8

Bezeichnung / Description	ET-Nr. / spare part N°	PG*
Motorhalter / Motor cover	47380-35	7
Motor komplett / Motor complet	47380-36	13
Kardanwelle + Buchsen / Ball shaft + bushes	47380-37	7
Getriebeklammer / Clip	47380-39	6
Getriebe, komplett / Gearbox, complete	47386-40	12
Drehgestell mit Treppen / Bogie with steps	47380-42	9
Treppen / Steps	47380-44	6
Radsatz m. Hafr. (2 Stck.) / Wheelset w friction tyres	47386-45	9
Radsatz o. Hafr. (2 Stck.) / Wheelset w/o friction tyres	47386-46	9
Schraubenset (15-tlg.) / Screws (set of 15)	47381-49	6
Brückenstecker / Strapping plug	59740-51	8
Hauptplatine mit Beleuchtungsplatine und Kabel / Main board with Light-boards and wires	47380-52	13
Lichtmasken / Abdeckung Lautsprecher / LED cover / Cover for Loud speaker	47380-54	7
ET aus unserem Standard-Programm / Spare parts standard range		
Haftreifen (10 Stck.) / Friction tyres (set of 10)	46020	
Stromabnehmer / Pantograph	46153	
PIKO Sound-Decoder / PIKO Sound Decoder Kit	46198	
PIKO SmartDecoder 4.1 PluX22 / PIKO SmartDecoder 4.1 PluX22	56400	

*Preisgruppe *price category