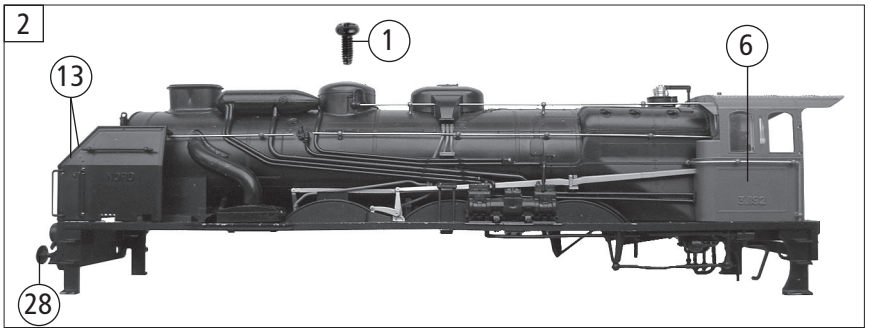
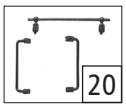
Symbolische Darstellung
Symbolic Illustration

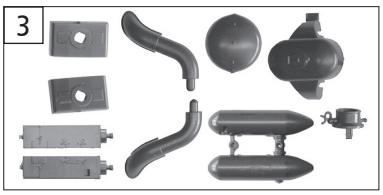
Roco **Ersatzteilliste**
Replacement Parts

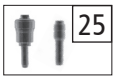


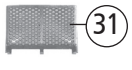




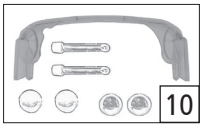


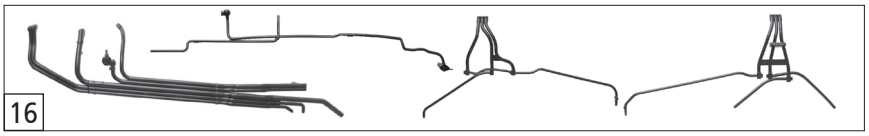




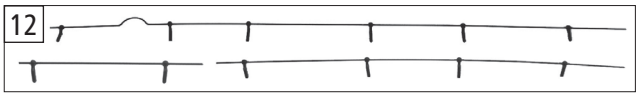


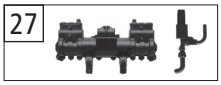


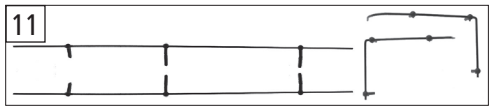




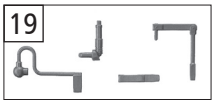


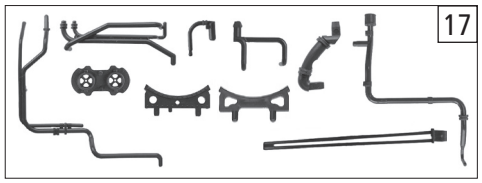


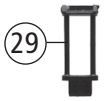


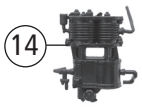


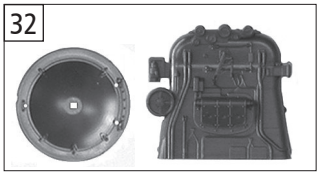


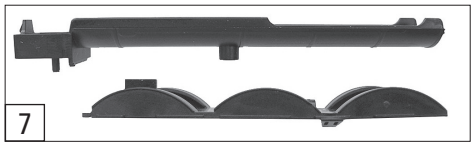


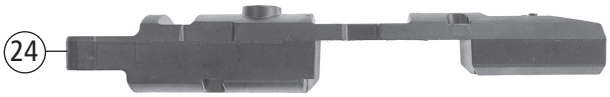


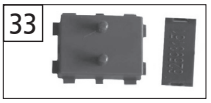


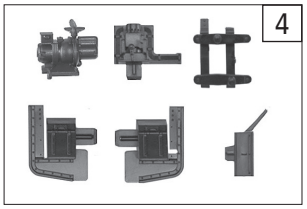


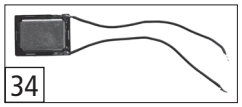


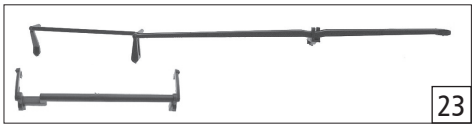




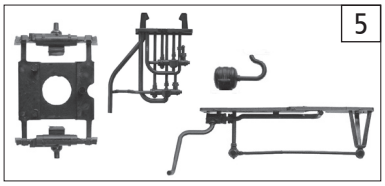


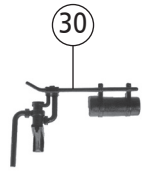


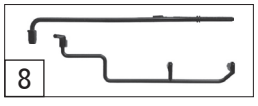










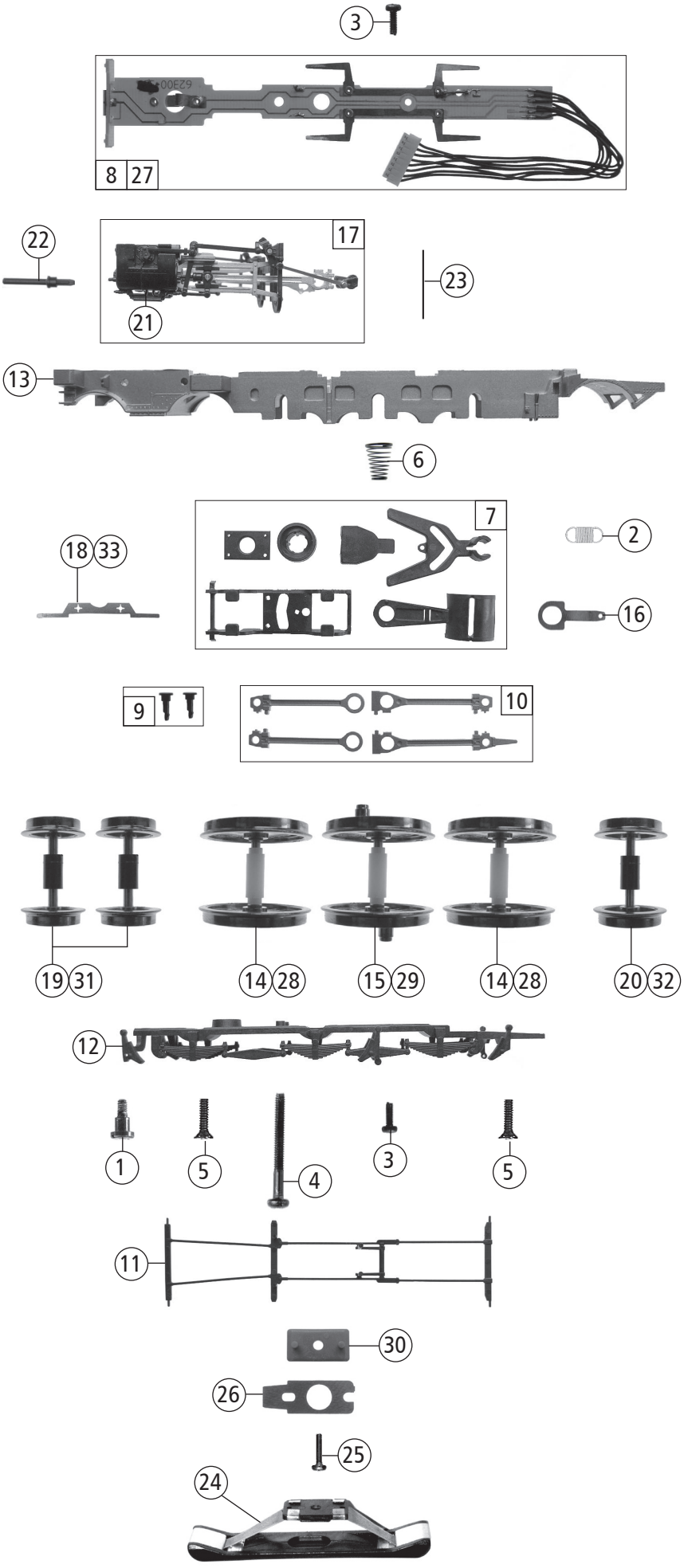


62309	SNCF 231 E	=	
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62310	SNCF 231 E	=	🔊
68310		~	🔊

Pos. Nr. Pos.no.	Beschreibung Description	Art.-Nr. Art.no.	Preisgruppe Price bracket
1	GF-Schraube M2x5 GF-Screw M2x5	114966	3
2	Kessel kpl. Betr.nr. 231.E.30 Boiler ass. loco no. 231.E.30	132073	39
3	TS - Kessel Part set boiler	129983	10
4	TS - Belüftung, Generator, ... Part set generator.....	127277	9
5	TS - Kesselsteckteile Part set boiler	127278	9
6	Führerhaus kpl. Betr.nr. 231.E.30 Drivers cab no. 231.E.30	132074	18
7	TS-Kesselunterteil, Verkleidung Part set boiler bottom, cover	130006	12
8	Umlauf- und Pumpenleitung Lines (running board a. pump)	127341	6
9	Umlaufblech lack.+bedr Running board coated a. printed	132075	18
10	TS - Fenster, Lichtleiter u. Linsen Part set window, light a. lens	127479	7
11	TS-Kesselleitungen, FH Griffst Part set boiler lines a. handrails	127308	9
12	TS - Kesselleitungen Griffst. Part set boiler lines	131996	6
13	Windleitblech li.+re. bedruckt Smoke deflector plate left a. right	130010	10
14	Luftpumpe bedruckt Air pump printed	132076	5
15	TS-Rauchfang Part set chimney	127481	7
16	TS - Kessel- + Sandleitungen Part set boiler- a.sand lines	130011	9
17	TS - Leitungen, Auflagen, ... Part set lines, support plate,..	130008	10
18	Scheinwerfergehäuse Lampbody	127487	5
19	TS-Kessel Lokpfeife Ventilhebel Part set boiler, loco whistle.....	127316	6
20	TS - Griffstangen für Windleitbl. Part set handrail f.smoke deflector plate	127317	6
21	Y-Rauchkammerstrebe lack. Y-rod	127318	4
22	Stirntafel lack.+bedr. - SNCF Front board coated a. printed	127488	6
23	Steuerstange, Steuerstangenwelle Control rod. control rod spindle	127320	6
24	Kesselgewicht Boiler weight	127321	8
25	TS - Sicherheitsventile Part set relief valve	127322	6
26	Öse Ear	127334	4
27	Speisepumpe, Verbindungsleitung Pump, line	131992	6
28	Federpuffer Spring buffer	127338	3
29	Trittstufe Step tread	127339	4
30	TS-Kesselsteckteile Part set boiler	129984	6
31	Dachgitter Roofscreen	130005	5
32	Rauchkammerdeckel, Kesselrückwand Smoke box cover, boilerrear pa´nel	131994	8
Sound 62310_68310			
33	Lautsprechergehäuse u. Halterung Loud speaker box a. holder	130289	6
34	Lautsprecher Loud speaker	129524	16

Änderungen in Konstruktion und Ausführung vorbehalten
We reserve the right to change the construction and specification

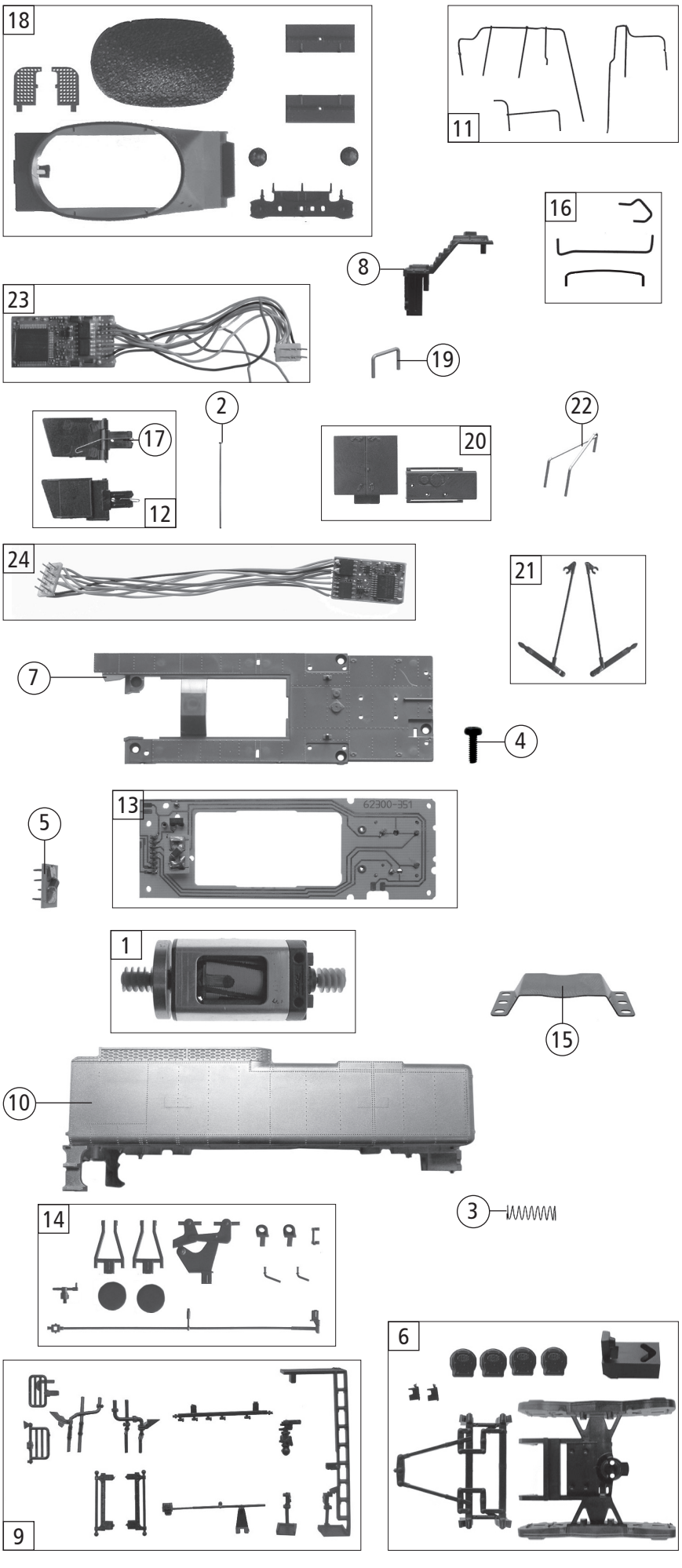
Symbolische Darstellung
Symbolic Illustration



Ersatzteilliste
Replacement Parts

62309	SNCF 231 E	=	
68309		~	
62310	SNCF 231 E	=	🔊
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Pos. Nr. Pos.no.	Beschreibung Description	Art.-Nr. Art.no.	Preisgruppe Price bracket
1	FK-Schraube mit Gewinde FK-Screw	85771	4
2	Zugfeder Spring	86208	3
3	GF-Schraube M1,6x4 GF-Screw M1,6x4	114850	3
4	GF-Schraube M2x18 GF-Screw M2x18	115062	3
5	SK-Schraube M2x5 SK-Screw M2x5	115205	3
6	Schwenkbalgfeder Spring	122204	4
7	TS - Vor-+Nachlauf, Kontakte,. Part set	127270	9
8	Lokplatine kpl. Printed circuit ass. for loco	127490	27
9	Stoppel 1,0 + 1,5 mm Plug 1,0 + 1,5 mm	127279	5
10	TS - Kuppelstangen 4-tlg. lack Part set drawbar 4-parts coated	127280	13
11	Bremsgestänge Brake leverage	127281	7
12	Bremsbackenrahmen Brake shoe frame	127282	10
13	Lokgrundrahmen Loco frame	127283	16
14	Treibradsatz 1+3 m. Achsl. la. Drive wheelset 1+3	131973	12
15	Treibradsatz 2 m. Achsl. lang Drive wheelset 2	131974	12
16	Nachlaufgestellfeder Spring	127286	4
17	Steuerung kpl. Steering ass.	129985	36
18	Vorlaufradkontakt Contact	127354	4
19	Vorlaufradsatz lack. Pilot wheelset coated	131975	10
20	Nachlaufradsatz lack. Wheelset coated	131976	10
21	Zylinderblock lack.+bedr. Cylinder block coated a. printed	129986	12
22	Kolbenschutzrohr Part	127327	3
23	Drahtstift 20x0,5 mm Nirosta Wire nail	127329	4
AC-Wechselstrom 68309_68310			
24	Schleifer 50mm o. Halteklammer Slider 50mm	86032	14
25	GF-Schraube M1,6x8 GF-Screw M1,6x8	115026	3
26	Schleiferauflagekontakt Contact	115560	5
27	Lokplatine kpl. AC Printed circuit ass. for loco AC	127529	27
28	Treibradsatz 1+3 m. Achsl. la. Drive wheelset 1+3	131998	12
29	Treibradsatz 2 m. Achsl. lang Drive wheelset 2	131999	12
30	Schleiferauflage Slider support	127345	4
31	Vorlaufradsatz lack. Pilot wheelset coated	132000	10
32	Nachlaufradsatz lack.+bedr. Wheelset coated a.printed	132001	10
33	AC-Vorlaufradkontakt AC-Contact	127355	4

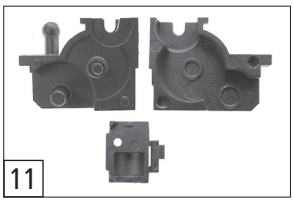


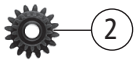
62309	SNCF	231 E	=
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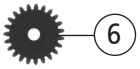
Pos. Nr. Pos.no.	Beschreibung Description	Art.-Nr. Art.no.	Preisgruppe Price bracket
1	Motor m. Schwungm.+ 2Schnecken Motor	85145	28
2	Drahtstift Wire nail	110641	4
3	Druckfeder Spring	110690	4
4	GF-Schraube M1,6x5 GF-Screw M1,6x5	115269	3
5	Brückenstecker mit Kondensator Connector w. capacitor	125666	9
6	TS - Lok + Tender Part set loco a. tender	127272	10
7	Tenderdach Tender roof	132072	9
8	Briketts Briquettes	127290	9
9	TS-Tender 2 Part set tender 2	127291	10
10	Tendergehäuse lack. Tender body coated	132065	21
11	TS-Geländer Part set handrail	132066	6
12	Tendertüren kpl. links+rechts Tender doors ass. left a. right	129988	12
13	Tenderplatine Printed circuit for tender	127297	22
14	TS-Bremsanlage u. Griffe Part set handrail,...	132068	11
15	Motorhaltebügel Motor holder	132070	8
16	TS-Tendergriffstange Part set tender handrail	132069	8
17	Tendertürfeder Spring	127330	4
18	TS-Gitter Kohlekasten Deckel Part set grid,..	132071	12
19	Tendergriffstange D Tender handle bar	127509	3
20	TS-Wasserdeckel, Pufferbohle Part set water cover,,,,	127503	10
21	Tenderhebel links u. rechts Tender lever left a. right	127505	6
22	Tenderleitung - Dosiereinrichtung Tender line dosing device	127508	6
Sound 62310_68310			
23	Sounddecoder Sounddecoder	129800	80
AC-Wechselstrom 68309			
24	Decoder Decoder	10732	---

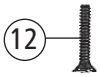
Symbolische Darstellung
Symbolic Illustration

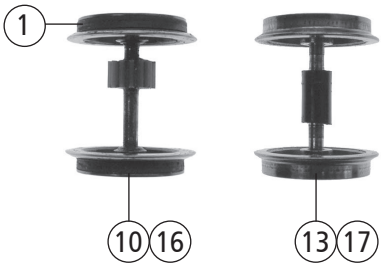


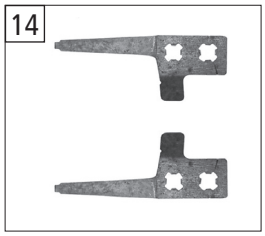




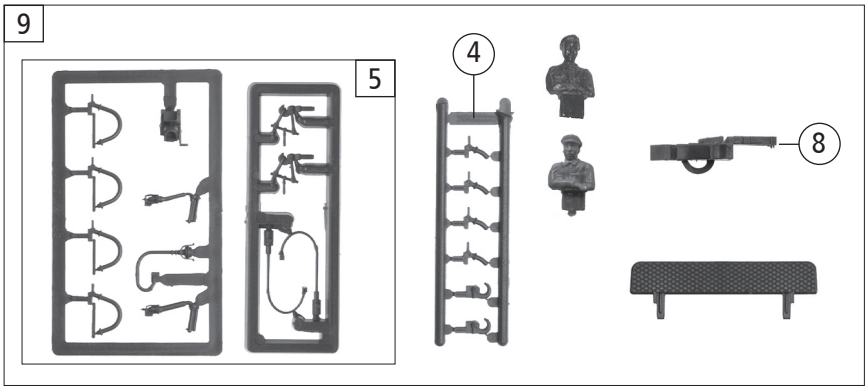












Roco **Ersatzteilliste**
Replacement Parts

62309	SNCF 231 E	=	
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Pos. Nr. Pos.no.	Beschreibung Description	Art.-Nr. Art.no.	Preisgruppe Price bracket
1	Haftrings.10Stk.12,9-14,6mm Set w. traction tieres 10pieces 1,9-14,6mm	40070	---
2	Schneckenzahnrad doppelt Worm gear double	86419	6
3	Standardkupplung Standard coupling	89246	6
4	Attrappenrahmen Push in part set	107808	4
5	Zubehörrahmensatz Parts set	108322	7
6	Zahnrad Z=23 Gear Z=23	111679	3
7	GF-Schraube M1,6x5 GF-Screw M1,6x5	115269	3
8	Kurzkupplung Short coupling	115550	6
9	Zurüstbeutel Bag with accessories	131997	11
10	Tenderradsatz m.2Haftr.+Zahnr. Tender wheelset w. traction tieres,w. gear	127293	12
11	Getriebesatz Tender 3-tlg. Gear set tender 3-parts	127294	14
12	SK-Schraube M1,6x14,6 SK-Screw M1,6x14,6	127300	5
13	Tenderradsatz o.Haftr. o.Zahnr. Tender wheelset without traction tieres a.gear	127331	10
14	Tenderradkontakt 1 + 2 Tender wheel contact 1 + 2	127332	6
15	Fahrwerksrahmen lack. Drive frame coated	132067	10
AC-Wechselstrom			
16	Tenderradsatz m. Haftr.+Zahnr. AC Tender wheelset w. traction tieres,w. gear	127349	12
17	Tenderradsatz o.Haftr./ZR AC Tender wheelset without traction tieres a.gea	127331	10

Ersatzteile erhalten Sie bei Ihrem Fachhändler, oder Ihrer Landesvertretung:
You can order your Replacement Parts at your local dealer, your country representative: