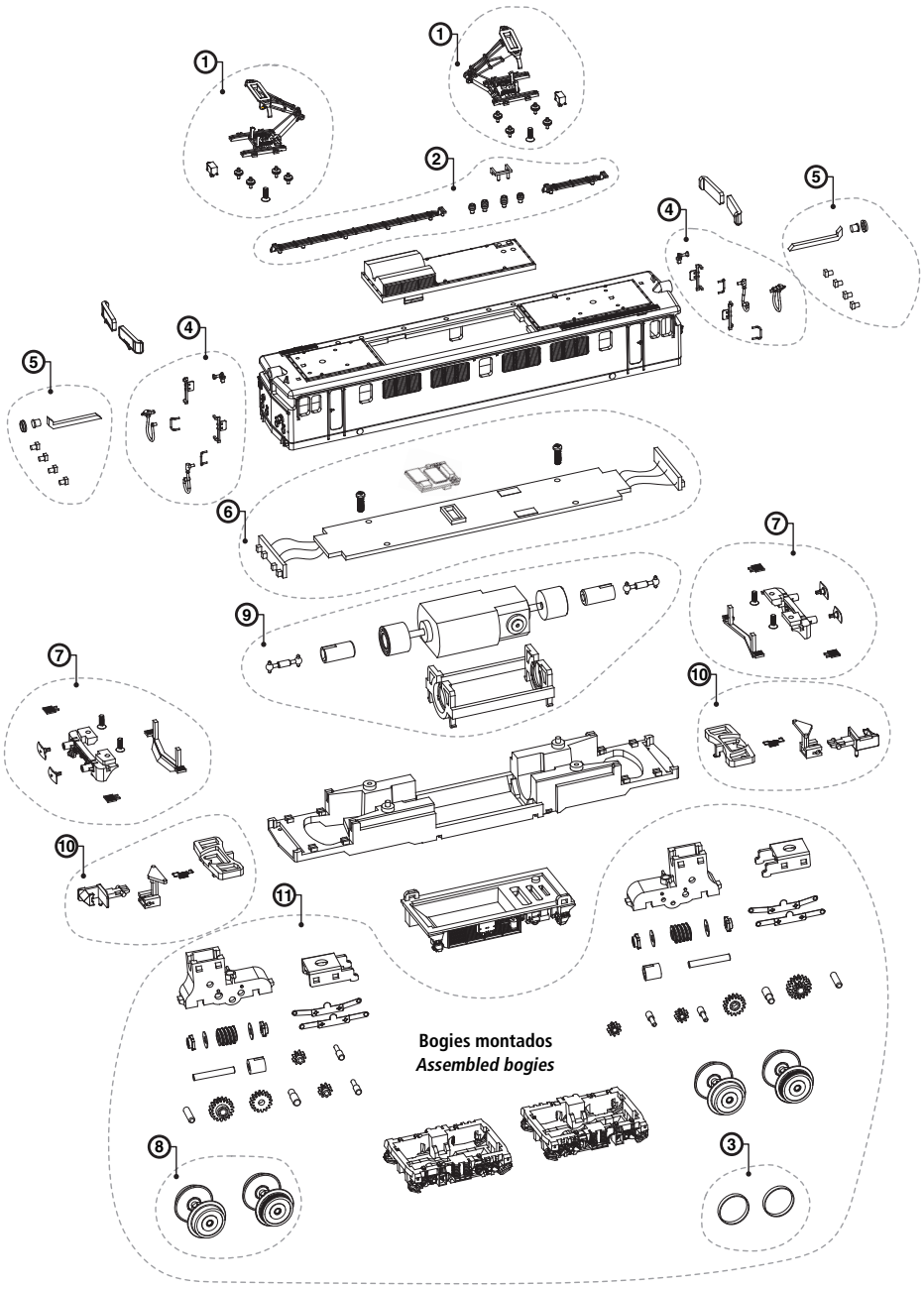
HN2592/S, HN2593/S, HNS2607/S

Locomotora eléctrica RENFE serie 269



Lista de piezas de recambio / List of spare parts

Número *Number*	Descripción *Description*		Ref. repuesto *Spare part ref.*
1	**Pantógrafos** *Pantographs*		HN2535/01
2	**Línea de alta tensión** *High voltage line cables*	HN2592/HN2593 HNS2607	HN2592/02 HNS2568/02
3	**Aros de adherencia** *Traction tyres*		HN2535/03
4	**Accesorios frontales** *Front accessories*	HN2592 HN2593 HNS2607	HN2592/04 HN2593/04 HNS2607/04
5	**Difusores de luz** *Lightpipes*	HN2592 HN2593 HNS2607	HN2592/05 HN2535/05 HNS2607/05
6	**Conjunto PCBs y luz** *PCB and light assembly*		HN2535/06
7	**Toperas** *Buffer beams*	HN2592 HN2593 HNS2607	HN2592/07 HN2593/07 HNS2568/07
8	**Conjunto ejes** *Wheel sets*		HN2535/08
9	**Motor con volantes** *Motor and flywheels*		HN2535/09
10	**Mecanismos de enganche** *Coupler mechanisms*		HN2535/10
11	**Bogies completos** *Complete bogies*	HN2592 HN2593/HNS2607	HN2592/11 HN2535/11

Esta locomotora está equipada con un conector digital NEM 662 (tambien conocido como Next18). Cualquier decoder de este tipo de diversos fabricantes (ESU, Lenz, Viessmann, ZIMO,...) que utilicen este formato pueden ser usados para controlar esta locomotora. Antes de su uso, es probable que tenga que programar su decoder de forma adecuada (mapeado de funciones).

This locomotive is fitted with a NEM 662 digital connector (also known as Next18). Any decoder from any supplier (ESU, Lenz, Viessmann, ZIMO,…) using this standard can be used to control this locomotive. Before to use it in this locomotive, most likely you have to program your decoder accordingly (function mapping).

Configuración de luces - Modo digital

Revise el manual del decoder digital para el mapeo de funciones.

Light configuration - Digital mode

Check the manual of the installed digital decoder for the function mapping.

Número *Output*	Función *Function*
F0	**Luces frontales** *Head lights*
AUX1	**Luz roja cabina 1** *Cabin 1 red light*
AUX2	**Luz roja cabina 2** *Cabin 2 red light*
AUX3	**Foco cabina 1** *Cabin 1 upper light*
AUX4	**Foco cabina 2** *Cabin 2 upper light*

www.arnold-modelleisenbahnen.de

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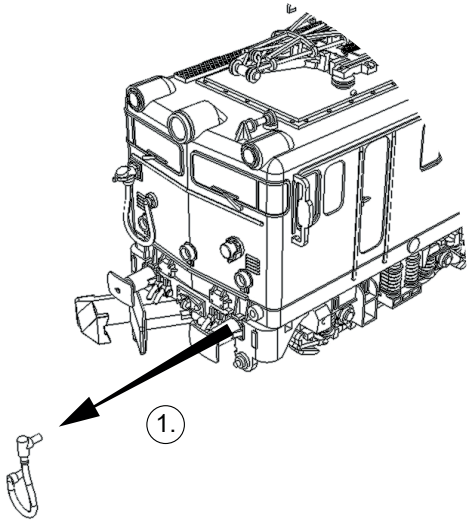
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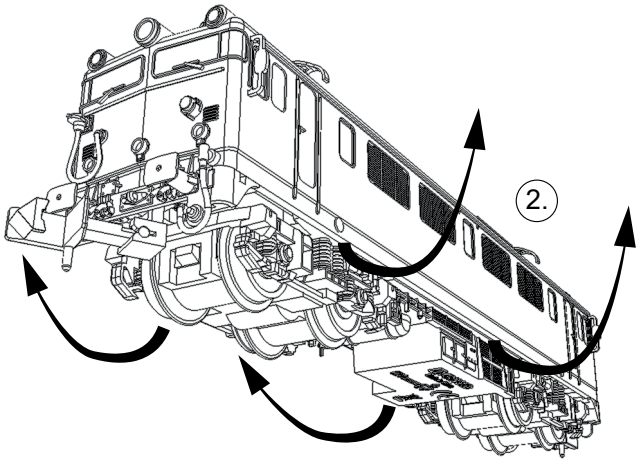
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Cómo desmontar la locomotora:
How to disassemble the locomotive:

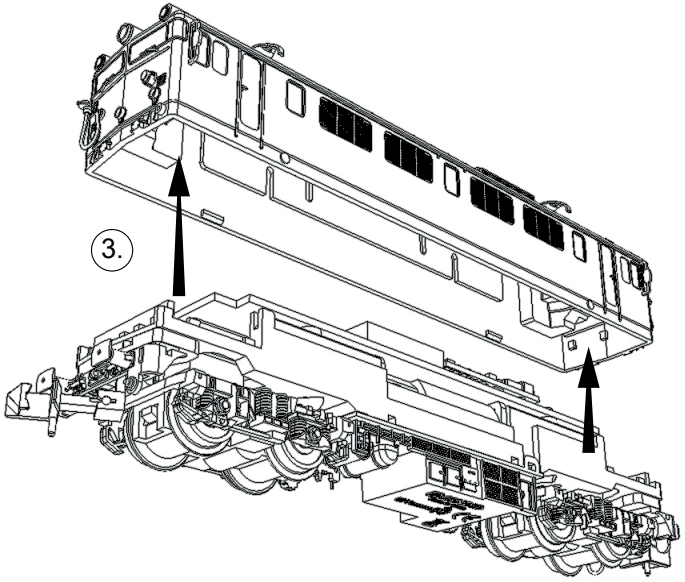
1. **Retire la manguera decorativa de ambos extremos.**
Remove the decorative hose from both ends.



2. **Abra la carrocería separando las pestañas del chasis en ambos laterales.**
Open the bodyshell by releasing the clips on both sides.



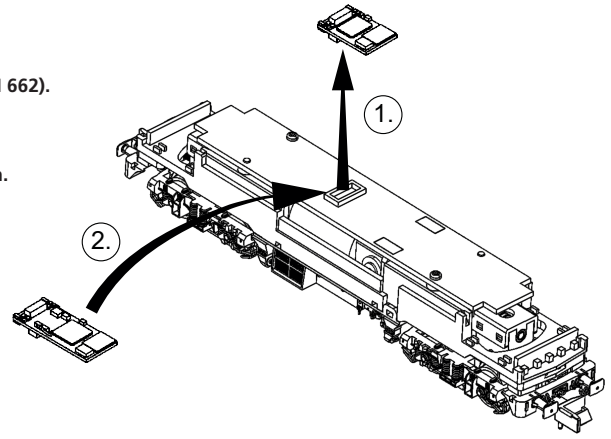
3. **Separe la carrocería del chasis tirando hacia arriba.**
Separate the bodyshell from the chassis.



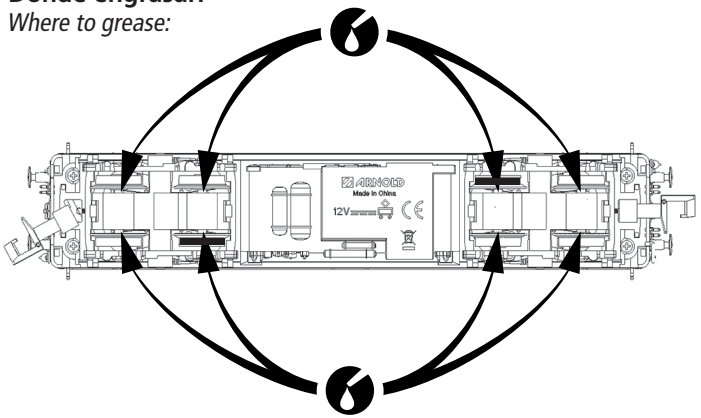
Cómo instalar un decoder digital:
How to install a digital decoder:

1. **Retire con cuidado el enchufe falso del conector digital Next-18 (NEM 662).**
Carefully remove the dummy plug from the Next-18 (NEM 662) digital plug, please.

2. **Inserte el decoder Next-18 (NEM 662) asegurando la correcta posición.**
Insert the Next-18 (NEM 662) digital decoder making sure the correct position.



Dónde engrasar:
Where to grease:



HORNBY HOBBIES
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