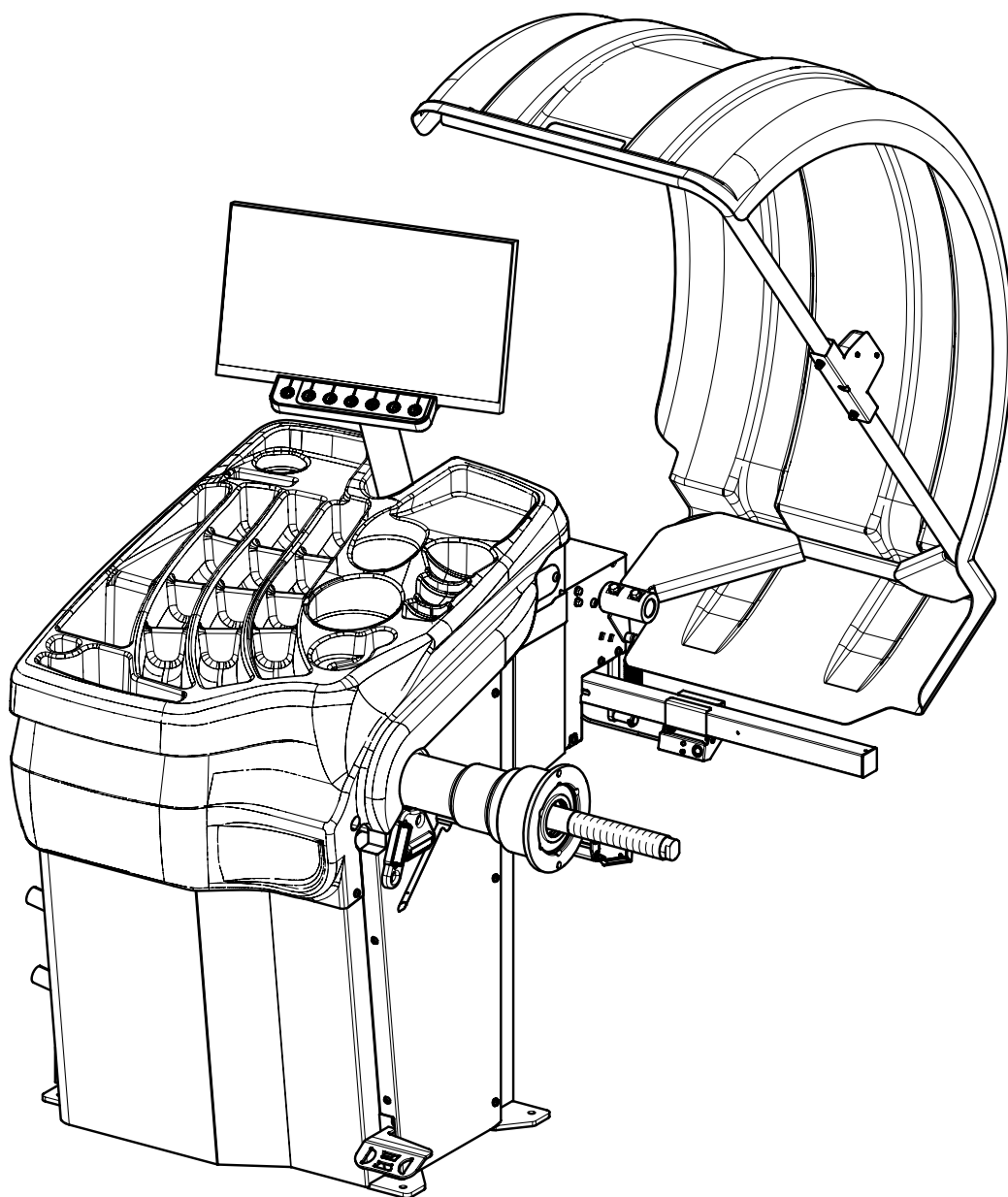




R190 Wheel Balancer



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ROT.BR190P0.200303

SUMMARY - SOMMAIRE - SUMARIO

Drawing Number 1 - Rev. 0	4	Drawing Number 9 - Rev. 0 _____ VS130291000	19
<i>MAIN ASSEMBLY</i> <i>ASSEMBLAGE GENERAL</i> <i>JUNTO GENERAL</i>		<i>GUARD ASSEMBLY + LED LIGHT</i> <i>ENSEMBLE CARTER + DISPOSITIF D'ÉCLAIRAGE</i> <i>CONJUNTO CÁRTER + ILUMINADOR</i>	
Drawing Number 2 - Rev. 0 _____ VS130292130	6	Drawing Number 10 - Rev. 0	20
<i>WHEEL COVER ASSEMBLY + MEASURE ASSEMBLY</i> <i>ENSEMBLE COUVERTURE ROUE + ENSEMBLE MESURE</i> <i>CONJUNTO CUBRERUEDAS + CONJUNTO MEDICIÓN</i>		<i>BRAKE PEDAL ASSEMBLY</i> <i>ENSEMBLE PÉDAL FREIN</i> <i>CONJUNTO PEDAL FRENO</i>	
Drawing Number 3 - Rev. 0 _____ VS130192680	8	Drawing Number 11 - Rev. 0 _____ VS130192771	22
<i>TOP COVER ASSEMBLY</i> <i>ENSEMBLE PLANCHE</i> <i>CONJUNTO TABLERO</i>		<i>INTERLOCK ASSEMBLY</i> <i>ENSEMBLE INTERLOCK</i> <i>CONJUNTO INTERLOCK</i>	
Drawing Number 4 - Rev. 0 _____ VS130192560	10	Drawing Number 12 - Rev. 0 _____ VS130292060	25
<i>FRAME ASSEMBLY</i> <i>ENSEMBLE CHÂSSIS</i> <i>CONJUNTO BASTIDOR</i>		<i>SCAN LASER ASSEMBLY</i> <i>ENSEMBLE LASER SCAN</i> <i>CONJUNTO LÁSER SCAN</i>	
Drawing Number 5 - Rev. 0 _____ VS130292050	12	Drawing Number 13 - Rev. 0 _____ VS130292070	27
<i>INTERLOCK ELECTRONIC ASSEMBLY</i> <i>ENSEMBLE ÉLECTRONIQUE DE VERROUILLAGE</i> <i>CONJUNTO ELECTRÓNICO DE ENCLAVAMIENTO</i>		<i>RUN-OUT ASSEMBLY WITH SUPPORT</i> <i>RUN-OUT ENSEMBLE AVEC SUPPORT</i> <i>CONJUNTO RUN-OUT CON SOPORTE</i>	
Drawing Number 6 - Rev. 0 _____ VS130165100	14	Drawing Number 14 - Rev. 0 _____ VS130192180	29
<i>POWER ELECTRICAL SYSTEM ASSEMBLY</i> <i>ENSEMBLE INSTALLATION ÉLECTRIQUE PUISSANCE</i> <i>CONJUNTO INSTALACIÓN ELÉCTRICA POTENCIA</i>		<i>WI-FI CONVERTER ASSEMBLY</i> <i>ENSEMBLE DE CONVERSION WI-FI</i> <i>CONJUNTO CONVERTIDOR WI-FI</i>	
Drawing Number 7 - Rev. 0 _____ VS129794640	16	Drawing Number 15 - Rev. 0	30
<i>ROTATING ASSEMBLY</i> <i>ENSEMBLE ROTATIF</i> <i>CONJUNTO GIRATORIO</i>		<i>EQUIPMENT ASSEMBLY</i> <i>ENSEMBLE DOTATION</i> <i>CONJUNTO DOTACIÓN</i>	
Table Number 8 - Rev. 0 _____ VS130292040	17	Drawing Number 16 - Rev. 0	32
<i>UL/CSA 90W MOTOR ASSEMBLY</i> <i>ENSEMBLE MOTEUR 90W UL/CSA</i> <i>CONJUNTO MOTOR 90W UL/CSA</i>		<i>NAMEPLATES POSITIONING</i> <i>POSITIONNEMENT PLAQUETTES</i> <i>POSICIONAMIENTO PLAQUITAS</i>	



IN THIS DOCUMENT THE FOLLOWING GRAPHIC REPRESENTATION IS ADOPTED:
DANS CE DOCUMENT, LA REPRÉSENTATION GRAPHIQUE SUIVANTE EST ADOPTÉE:
EN ESTE DOCUMENTO, SE ADOPTA LA SIGUIENTE REPRESENTACIÓN GRÁFICA:



This column indicates the component identification number on the drawing.
Cette colonne indique le numéro d'identification du composant sur le dessin.
Esta columna indica el número de identificación del componente en el dibujo.



Items available as spare parts are marked with the symbol "✓" in this column.
Dans cette colonne, les articles disponibles comme pièces de rechange sont marqués par le symbole "✓".
En esta columna, los artículos disponibles como repuestos están marcados con el símbolo "✓".

D.R

This column indicates the drawing in which the component is exploded and its possible revision.
Cette colonne indique le dessin dans lequel le composant est éclaté et sa révision éventuelle.
Esta columna indica el dibujo en el que se descompone el componente y su posible revisión.

D.R

Number of drawing Revision index
Numéro de dessin Index de révision
Número dibujo Índice de revisión



In this column the unit/component identification code is indicated.
Cette colonne indique le code d'identification du groupe/composant.
En esta columna se indica el código de identificación del grupo/componente.



Symbol used to indicate a gasket kit.

Symbole utilisé pour indiquer un kit de joints.

Símbolo utilizado para indicar un kit de juntas.



Symbol used to indicate that the assembly/component is standard.
Symbole utilisé pour indiquer que le groupe/composant est standard.
Símbolo utilizado para indicar que el conjunto/componente es estándar.

OPT

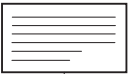
Symbol used to indicate that the assembly/component is OPTIONAL.
Symbole utilisé pour indiquer que le groupe/composant est OPTIONNEL.
Símbolo utilizado para indicar que el conjunto/componente es OPCIONAL.



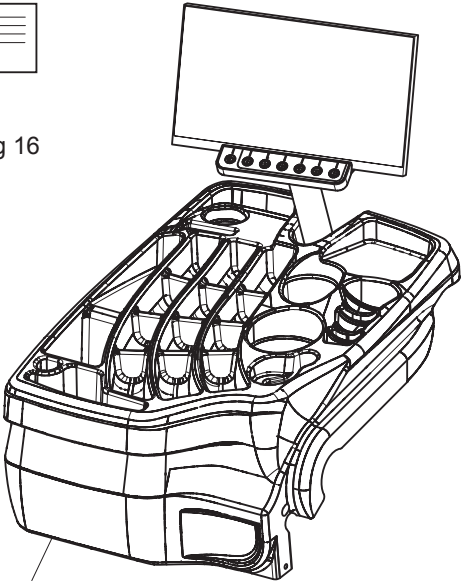
Symbol indicating the serial number from which the drawing/component is valid.
Symbole utilisé pour indiquer le numéro de série à partir duquel le dessin/composant est valide.
Símbolo utilizado para indicar el número de serie a partir del cual se considera válido el dibujo/componente.



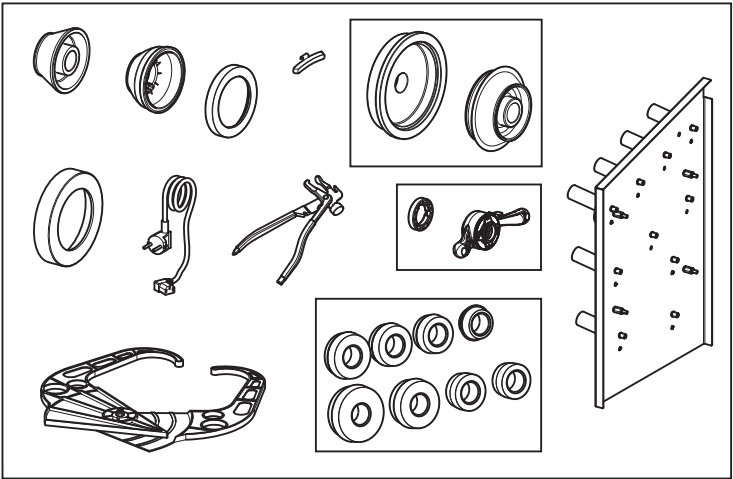
Symbol indicating the serial number up to which the drawing/component is valid.
Symbole utilisé pour indiquer jusqu'à quel numéro de série le dessin/composant est valide.
Símbolo utilizado para indicar hasta qué número de serie se considera válido el dibujo/componente.



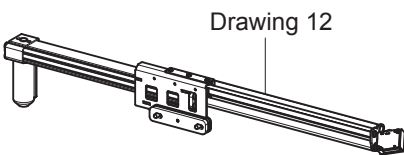
Drawing 16



Drawing 3



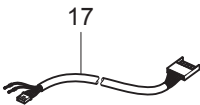
Drawing 15



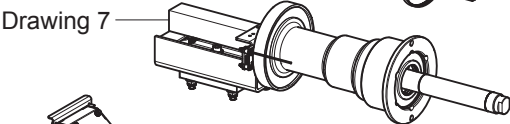
Drawing 12



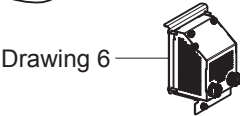
Drawing 8



17



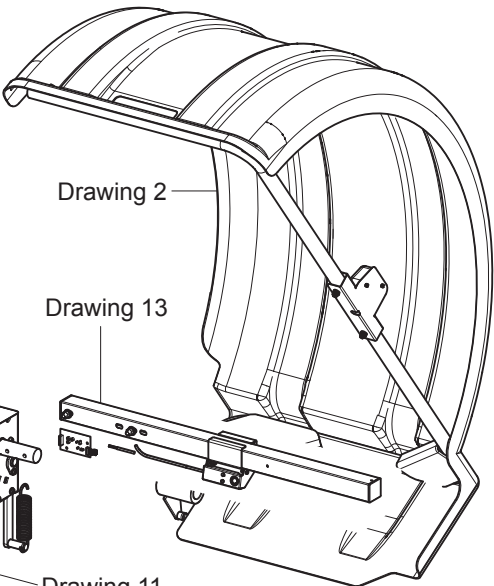
Drawing 7



Drawing 6

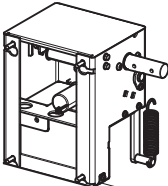


Drawing 14

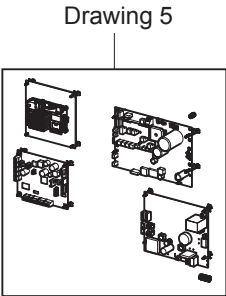


Drawing 2

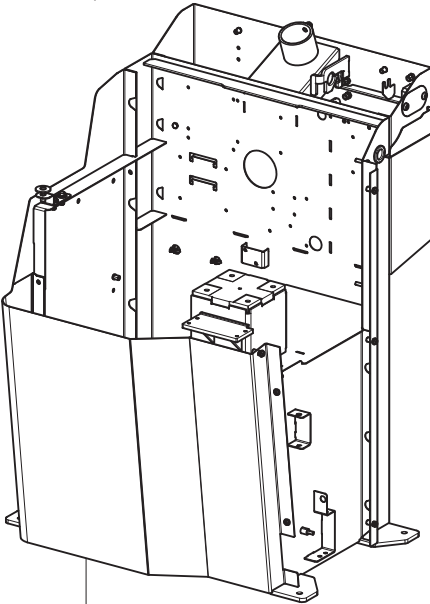
Drawing 13



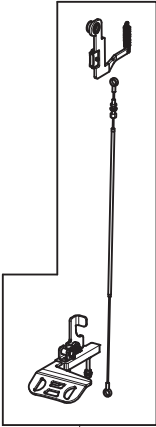
Drawing 11



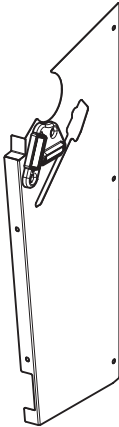
Drawing 5



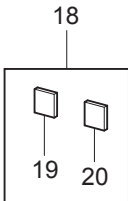
Drawing 4



Drawing 10



Drawing 9



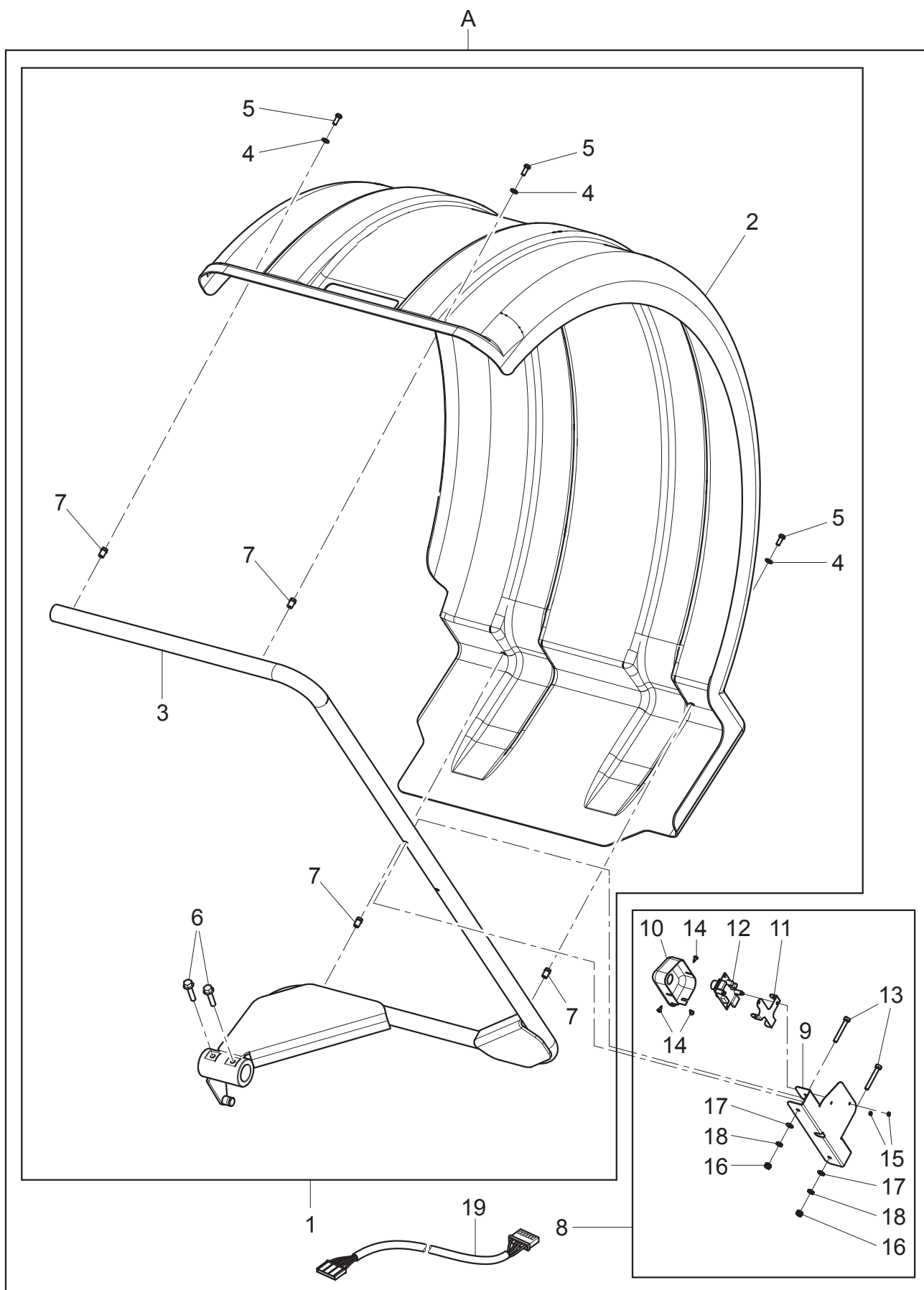
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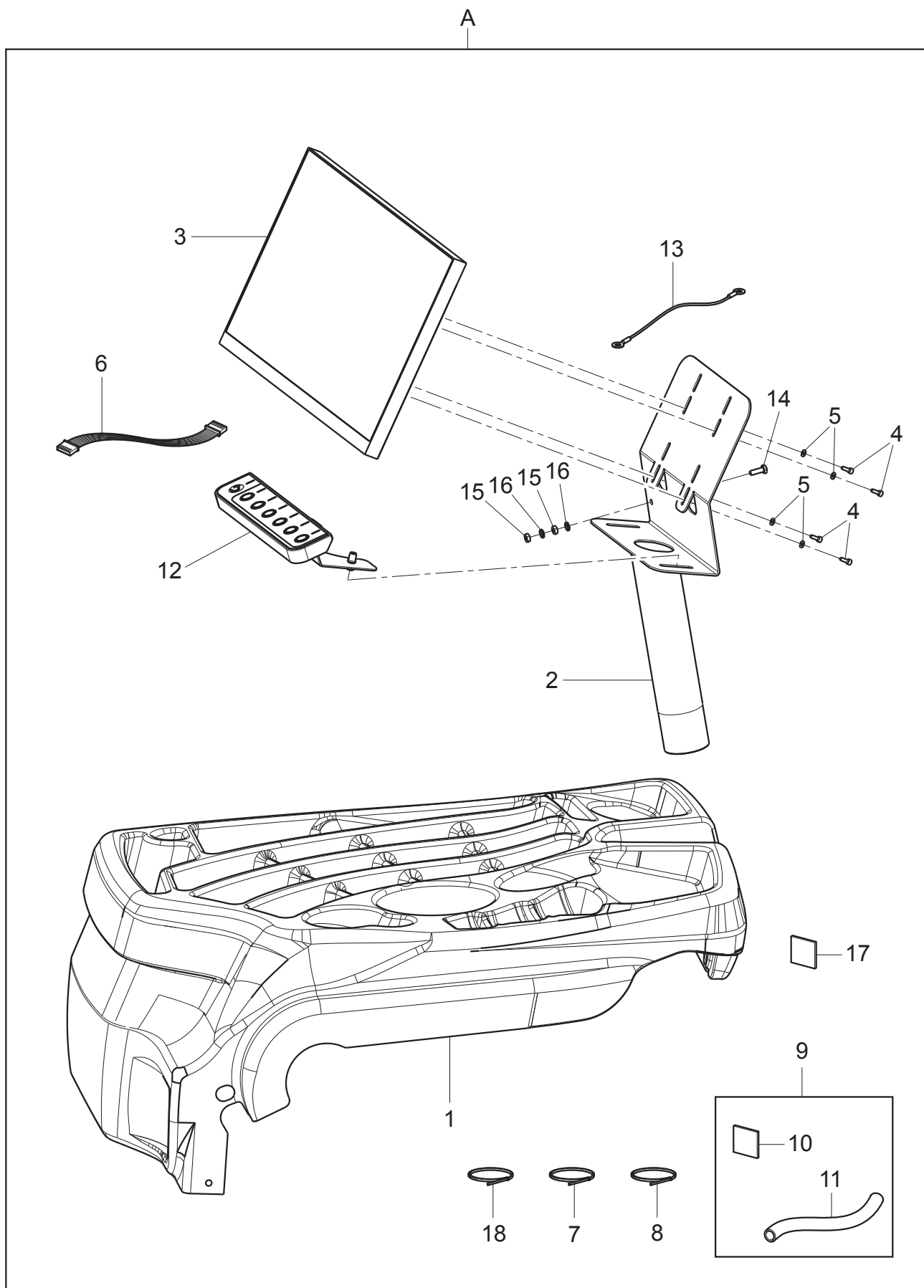
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Drawing Number 1 - Rev. 0

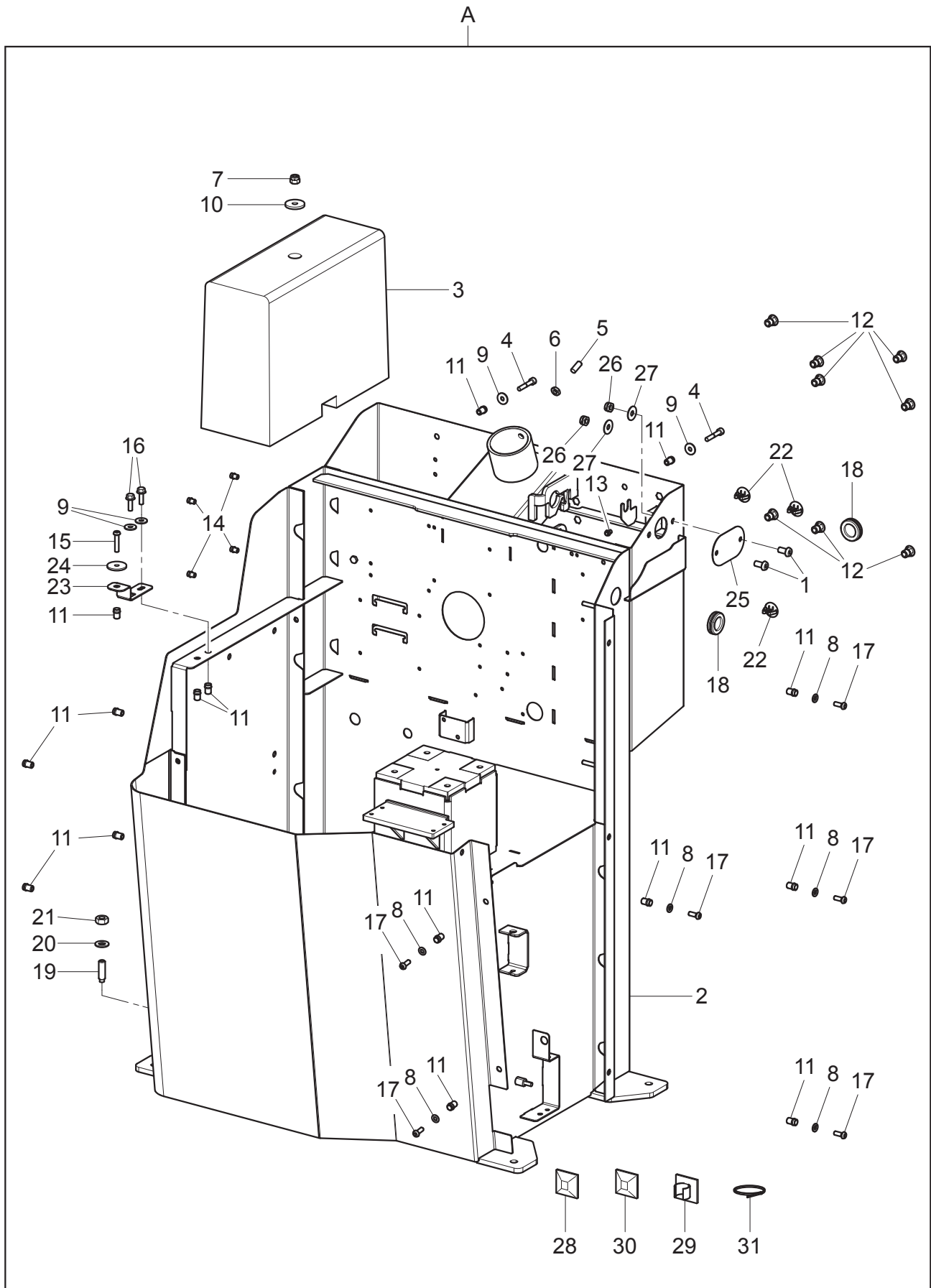
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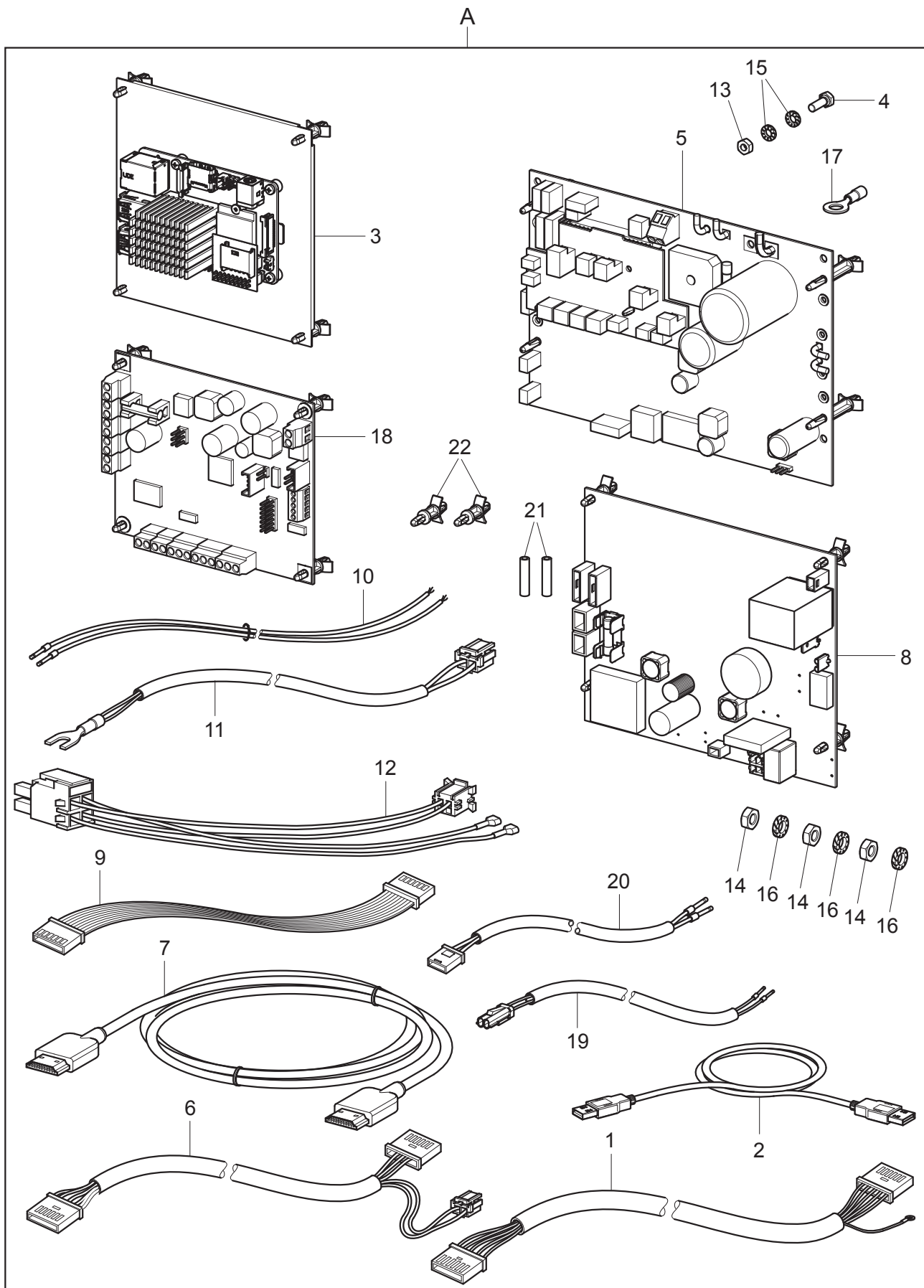
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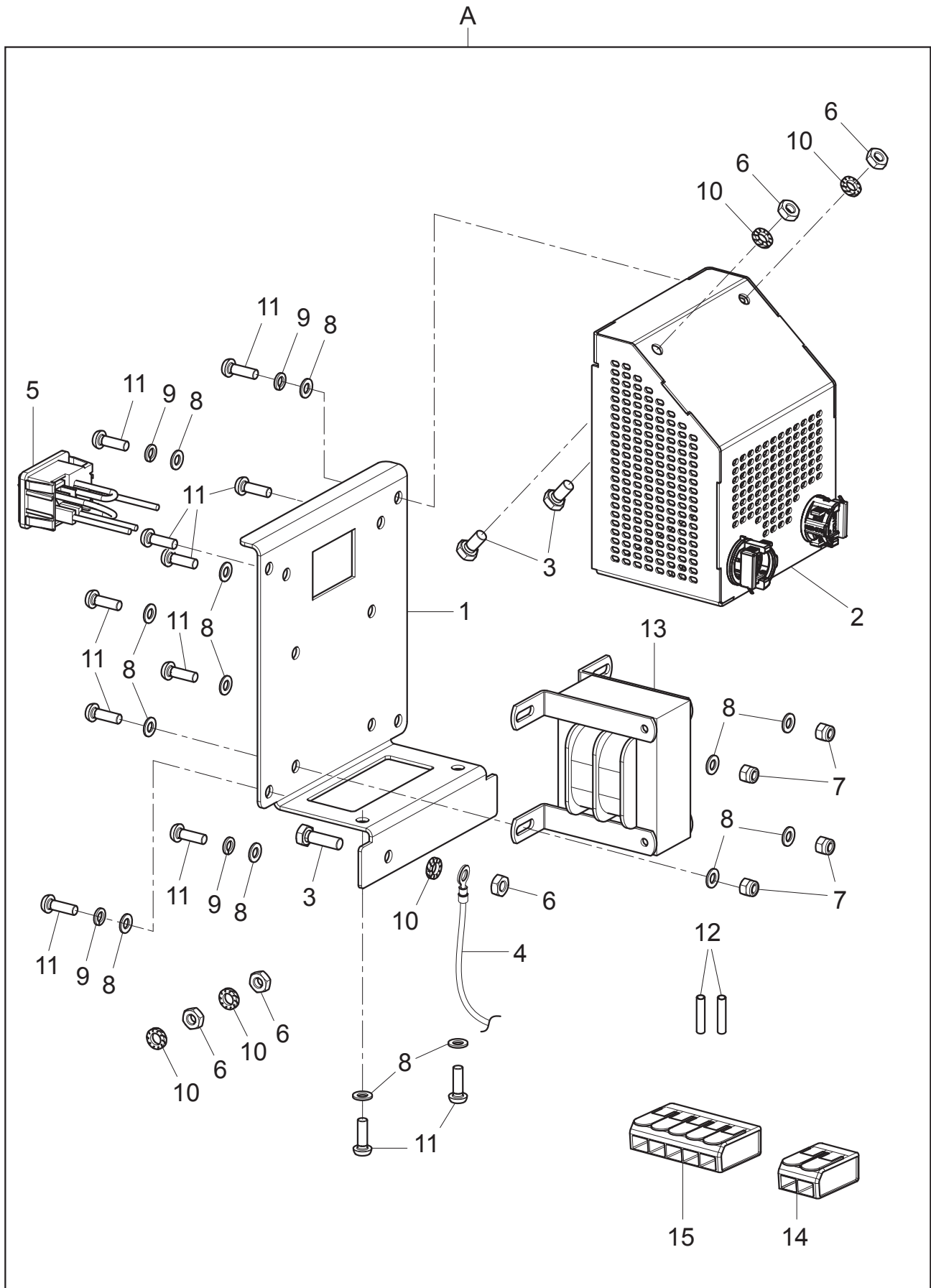
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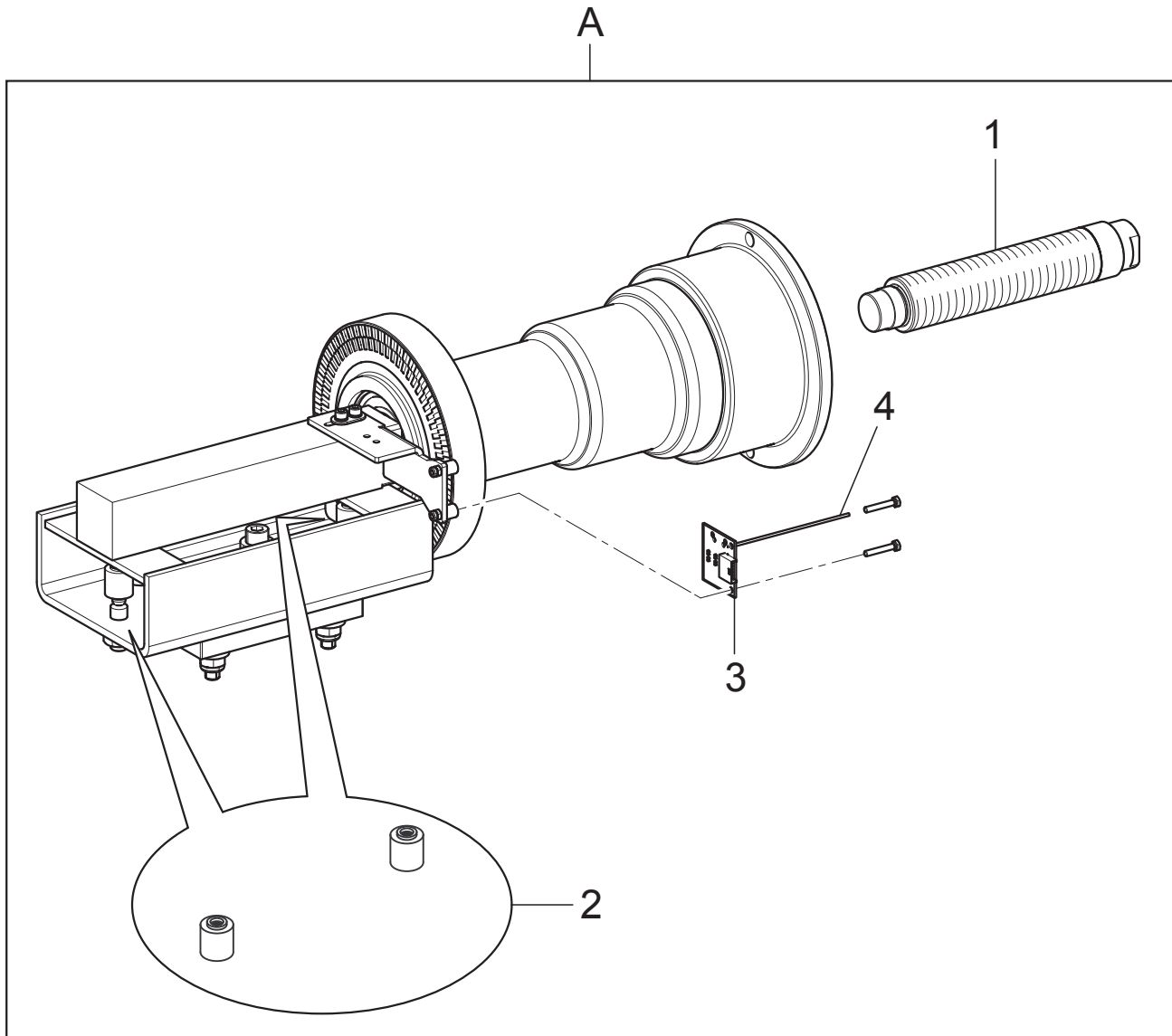
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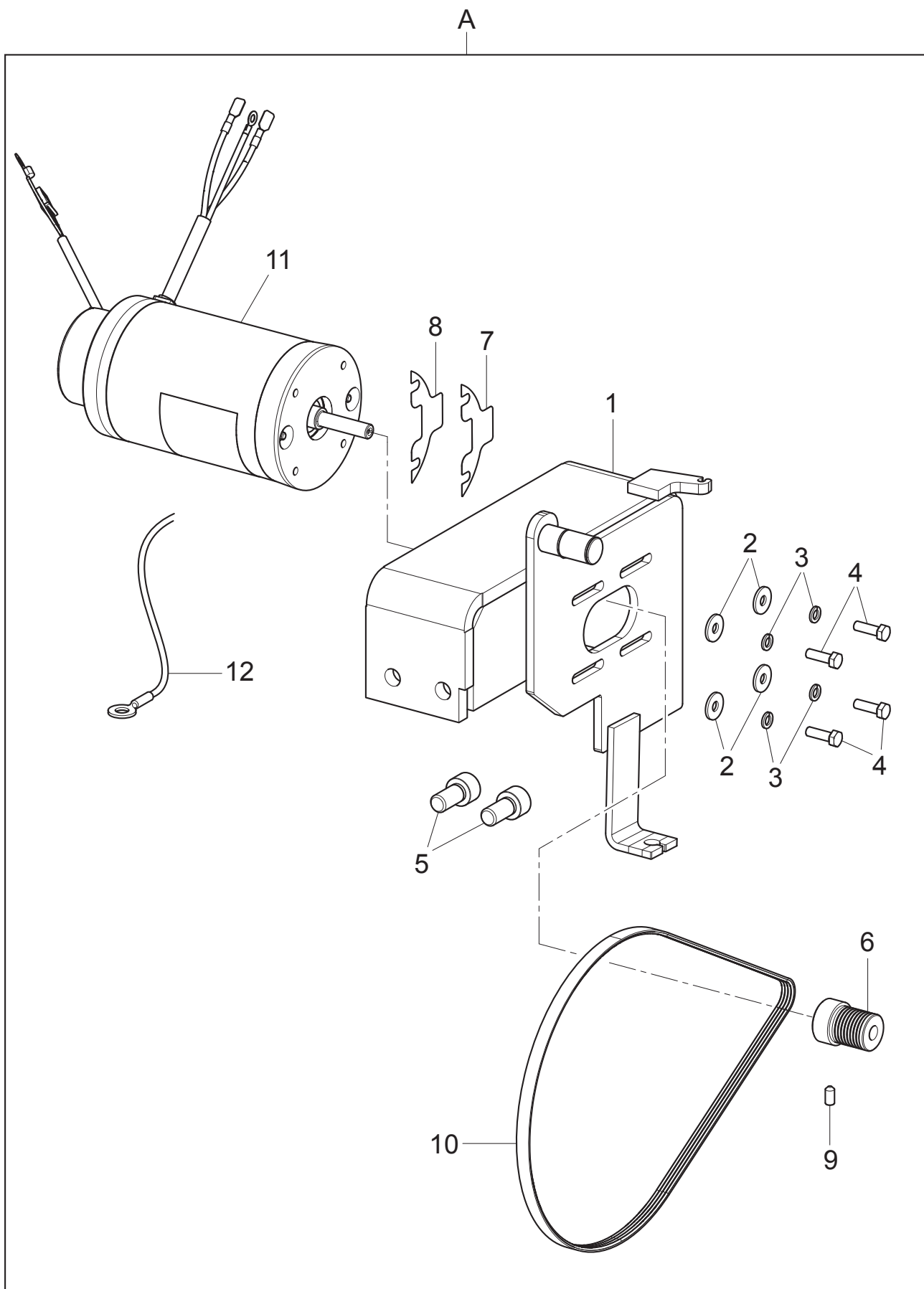


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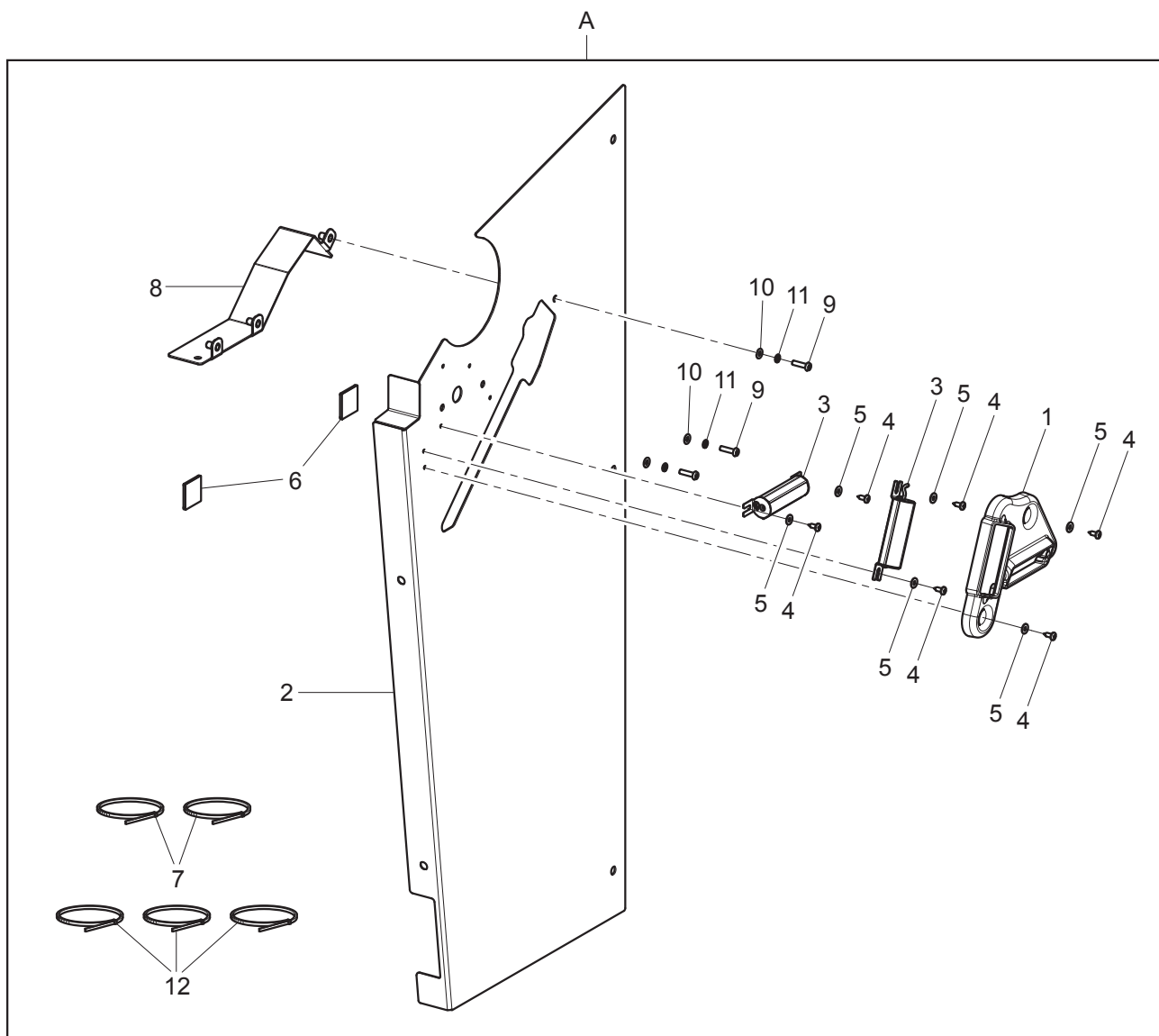


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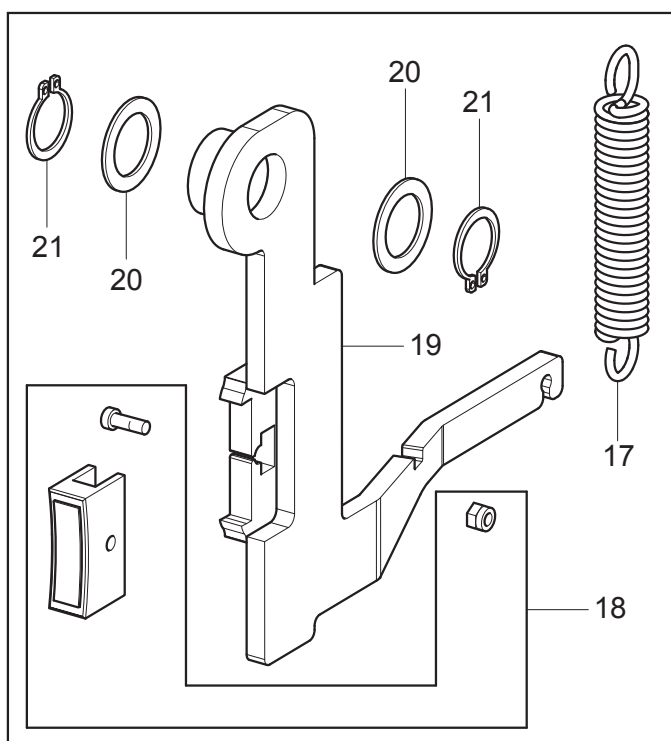
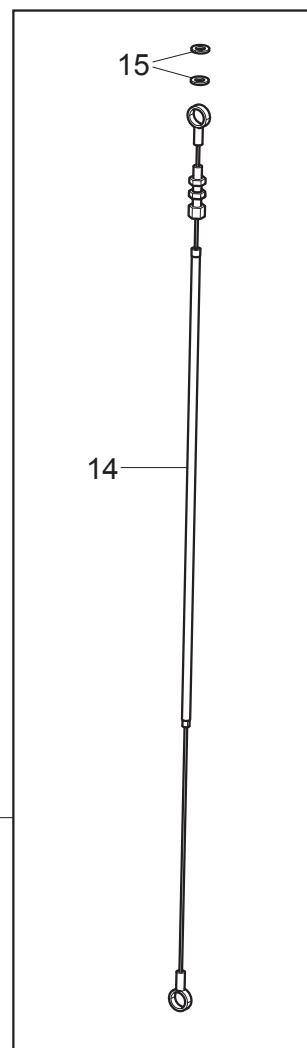
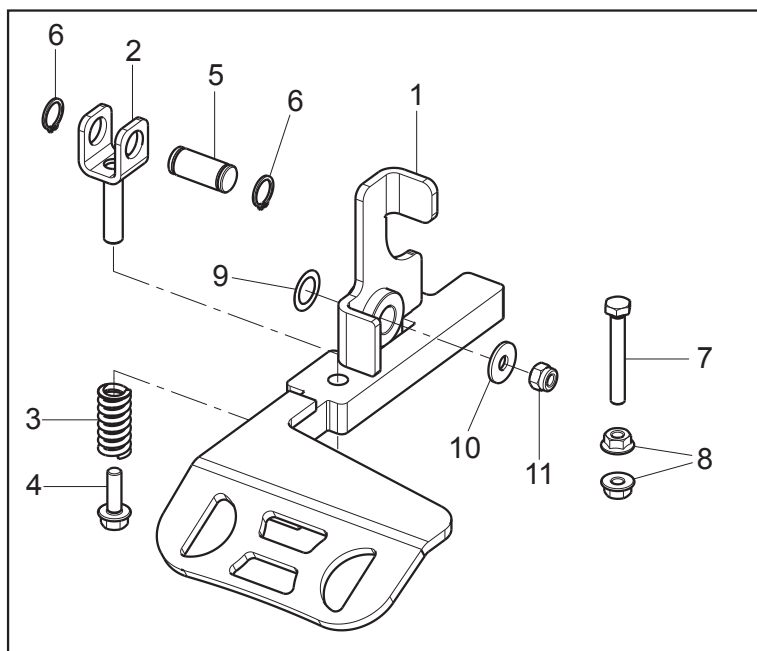
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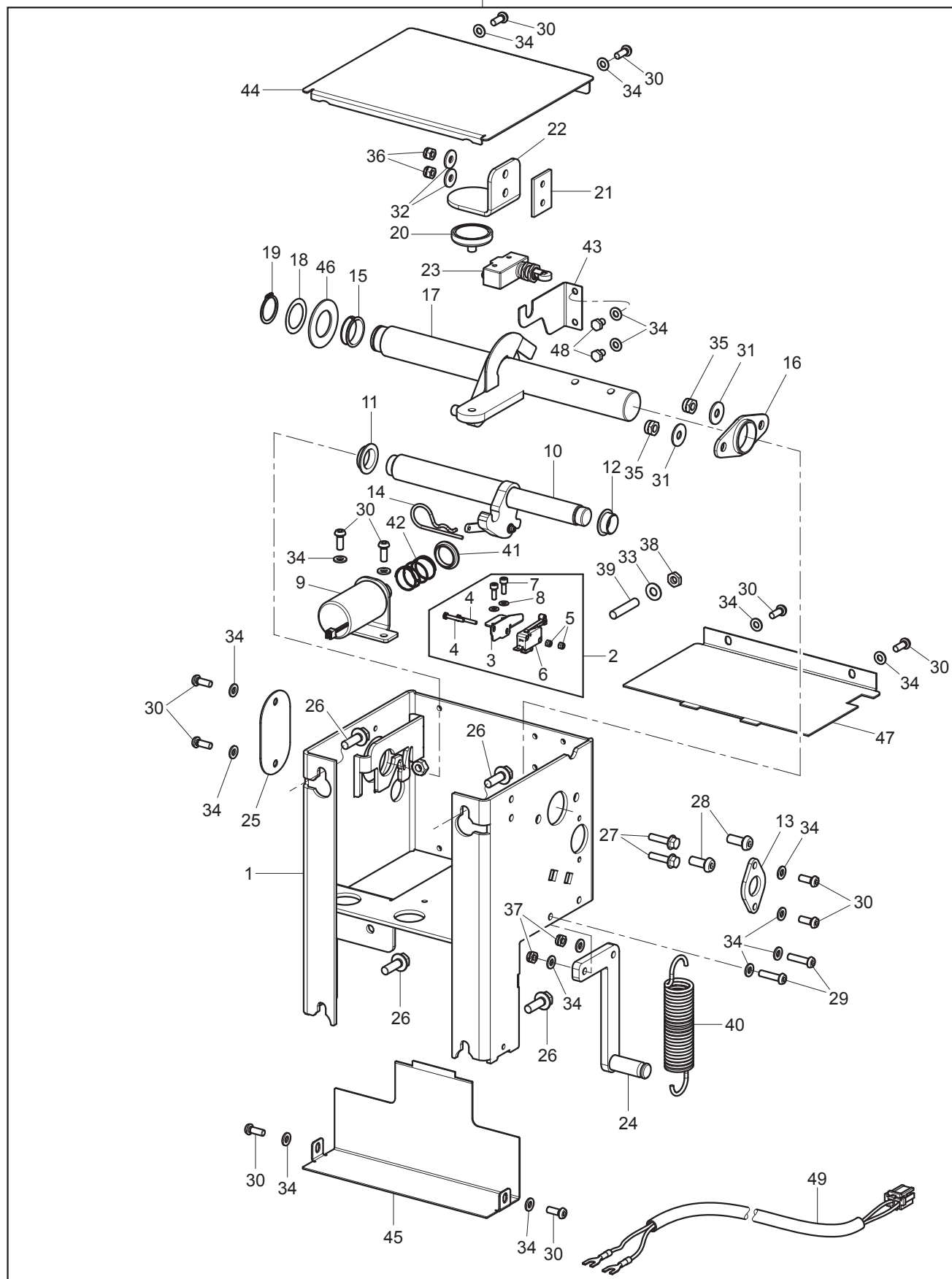
#		D.R	N	Description	Description	Descripción		
1	✓		VS130210050	LED light guard	Carter pour dispositifs d'éclairage	Cárter para iluminadores		
2			VS130210070	Lateral casing	Coffre latéral	Capot lateral		
3	✓		VS20844	LED light with connector	Dispositif d'éclairage avec connecteur	Iluminador con conector		
4			VS220108	Bolt TC M3.5x10	Vis TC M3,5x10	Tornillo TC M3,5x10		
5			VS237009	Flat washer	Rondelle plane tronçonneuse	Arandela plana cizalla		
6			VS599090	Adhesive support	Support adhésif	Soporte adhesivo		
7			VS0178000	Clamp 3.6x142	Collier 3,6x142	Abrazadera 3,6x142		
8			VS130292010	Bulkhead with inserts	Paroi avec renforts	Mampara con insertos		
9			VS271194	Bolt TBEI M4x16	Vis TBEI M4x16	Tornillo TBEI M4x16		
10			VS236025	Washer d. 4.3x9x0.8	Rondelle d. 4,3x9x0,8	Arandela d. 4,3x9x0,8		
11			VS238025	Spring washer 4.3	Rondelle elastique 4,3	Arandela elástica 4,3		
12			VS599095	Collar	Collier	Collar		
A			VS130291000	Guard assembly + LED light	Ensemble carter + dispositif d'éclairage	Conjunto cárter + iluminador		



A

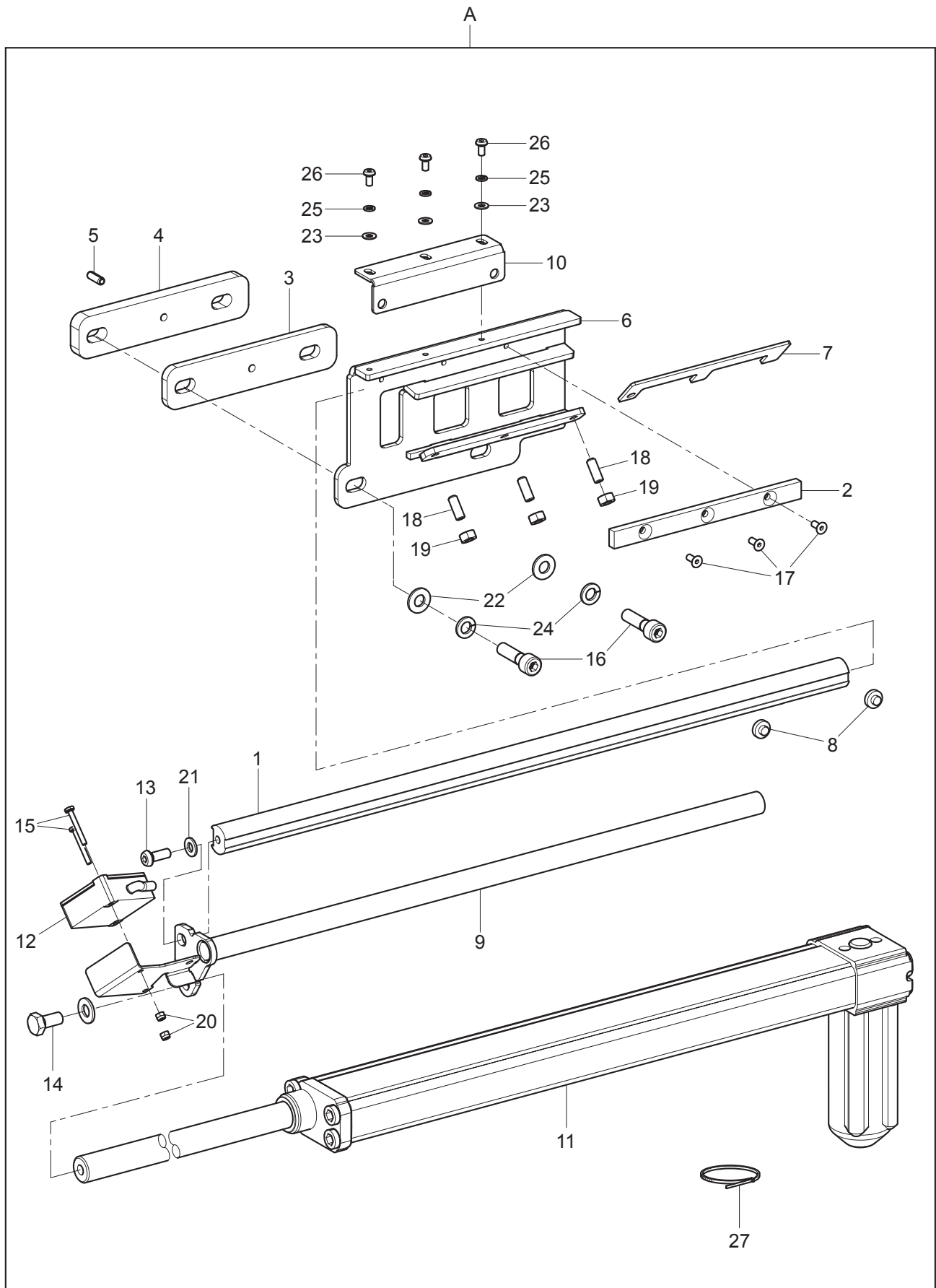


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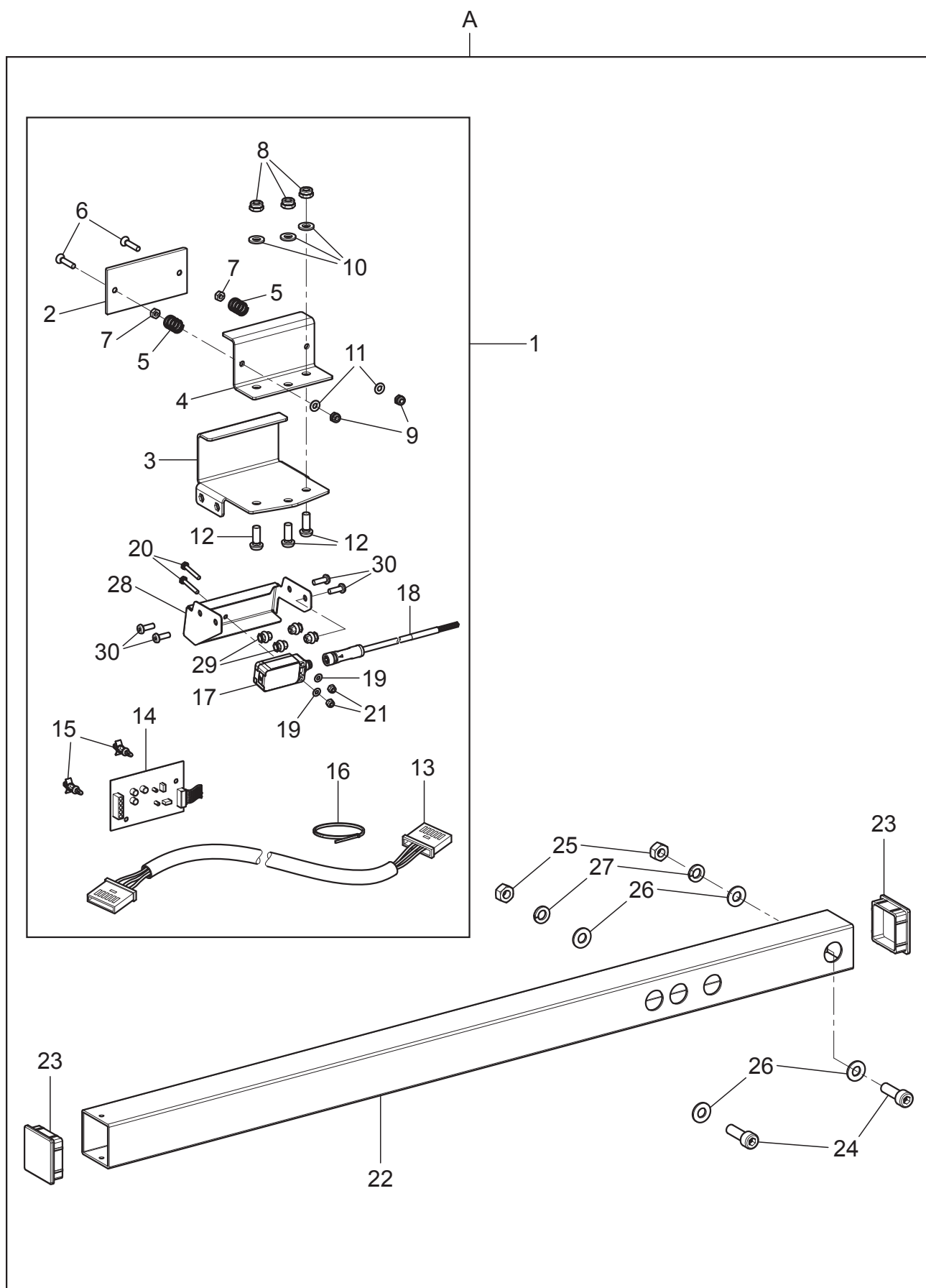


Drawing Number 11 - Rev. 0				VS130192771			→	→
#		D.R	N	Description	Description	Descripción	→	→
1	✓		VS130112480	Frame	Châssis	Bastidor		
2	✓		VS130192760	Micro assembly	Ensemble micro	Conjunto micro		
3			VS130112450	Micro support	Support micro	Soporte Micro		
4			VS203344	Bolt TE M3x20	Vis TE M3x20	Tornillo TE M3x20		
5			VS228037	Jam self-locking nut M3	Écrou auto-bloquant bas M3	Tuerca autoblocante baja M3		
6	✓		VS518067	Microswitch	Microswitch	Microswitch		
7			VS206160	Bolt TCEI M4x12	Vis TCEI M4x12	Tornillo TCEI M4x12		
8			VS236025	Washer d. 4.3x9x0.8	Rondelle d. 4,3x9x0,8	Arandela d. 4,3x9x0,8		
9	✓		VS130192450	Bracket assembly	Ensemble bride	Conjunto brida		
10	✓		VS130192460	Welded shaft and connecting rod assembly	Ensemble arbre soudé et bielle	Conjunto de eje soldado y biela		
11	✓		VS299233	Self-lubricating bushing	Douille auto-lubrifiante	Casquillo autolubricante		
12	✓		VS299234	Self-lubricating bushing	Douille auto-lubrifiante	Casquillo autolubricante		
13	✓		VS130112440	Hook shaft support	Support arbre crochet	Soporte eje gancho		
14	✓		VS299119	Split pin	Goupille d'arrêt	Pasador		
15	✓		VS299227	Clip ring	Anneau à clip	Anillo de clip		
16	✓		VS299228	Self-lubricating flange	Bride autolubrifiante	Brida autolubricante		
17	✓		VS129724300	Cover pin	Pivot couvercle	Perno tapa		
18	✓		VS237511	Shim washer	Rondelle d'épaisseur	Arandela de espesor		
19	✓		VS243013	C-clip ring 25	Anneau de retenue extérieur 25	Seeger externo 25		
20	✓		VS999129	Magnet	Aimant	Imán		
21	✓		VS130111250	Spacer	Entretoise	Distanciador		
22	✓		VS130111260	Bent plate	Tôle pliée	Chapa plegada		
23	✓		VSB1141400	Limit switch	Interrupteur de fin de course	Interruptor fin de carrera		
24	✓		VS130111100	Spring support arm	Bras de support ressort	Brazo de soporte resorte		
25	✓		VS130111280	Guard	Protection	Protección		
26	✓		VS272038	Bolt TE M8x25	Vis TE M8x25	Tornillo TE M8x25		
27	✓		VS272127	Bolt TE M6x25	Vis TE M6x25	Tornillo TE M6x25		
28	✓		VS271900	Bolt TBEI M8x20	Vis TBEI M8x20	Tornillo TBEI M8x20		
29	✓		VS271127	Bolt TBEI M6x25	Vis TBEI M6x25	Tornillo TBEI M6x25		
30	✓		VS266019	Bolt TBEI M6x16	Vis TBEI M6x16	Tornillo TBEI M6x16		
31	✓		VS237052	Washer	Rondelle	Arandela		
32	✓		VS237011	Flat washer ø6x18	Rondelle plane ø6x18	Arandela plana ø6x18		
33	✓		VS236006	Flat washer 8.4	Rondelle plane 8,4	Arandela plana 8,4		
34	✓		VS236004	Flat washer 6.4	Rondelle plane 6,4	Arandela plana 6,4		
35	✓		VS228017	Jam self-locking nut M8x1.25	Écrou auto-bloquant bas M8x1,25	Tuerca autoblocante bajo M8x1,25		
36	✓		VS228010	Self-locking nut M6	Écrou auto-bloquant M6	Tuerca autoblocante M6		
37	✓		VS228004	Jam self-locking nut M6	Écrou auto-bloquant bas M6	Tuerca autoblocante baja M6		
38	✓		VS226009	Jam nut M8	Écrou bas M8	Tuerca baja M8		
39	✓		VS210042	Flat bolt M8x40 STEI	Vis STEI plane M8x40	Tornillo STEI plana M8x40		
40	✓		VS129501130	Spring	Ressort	Resorte		
41	✓		VS129713540	Ring	Anneau	Anillo		

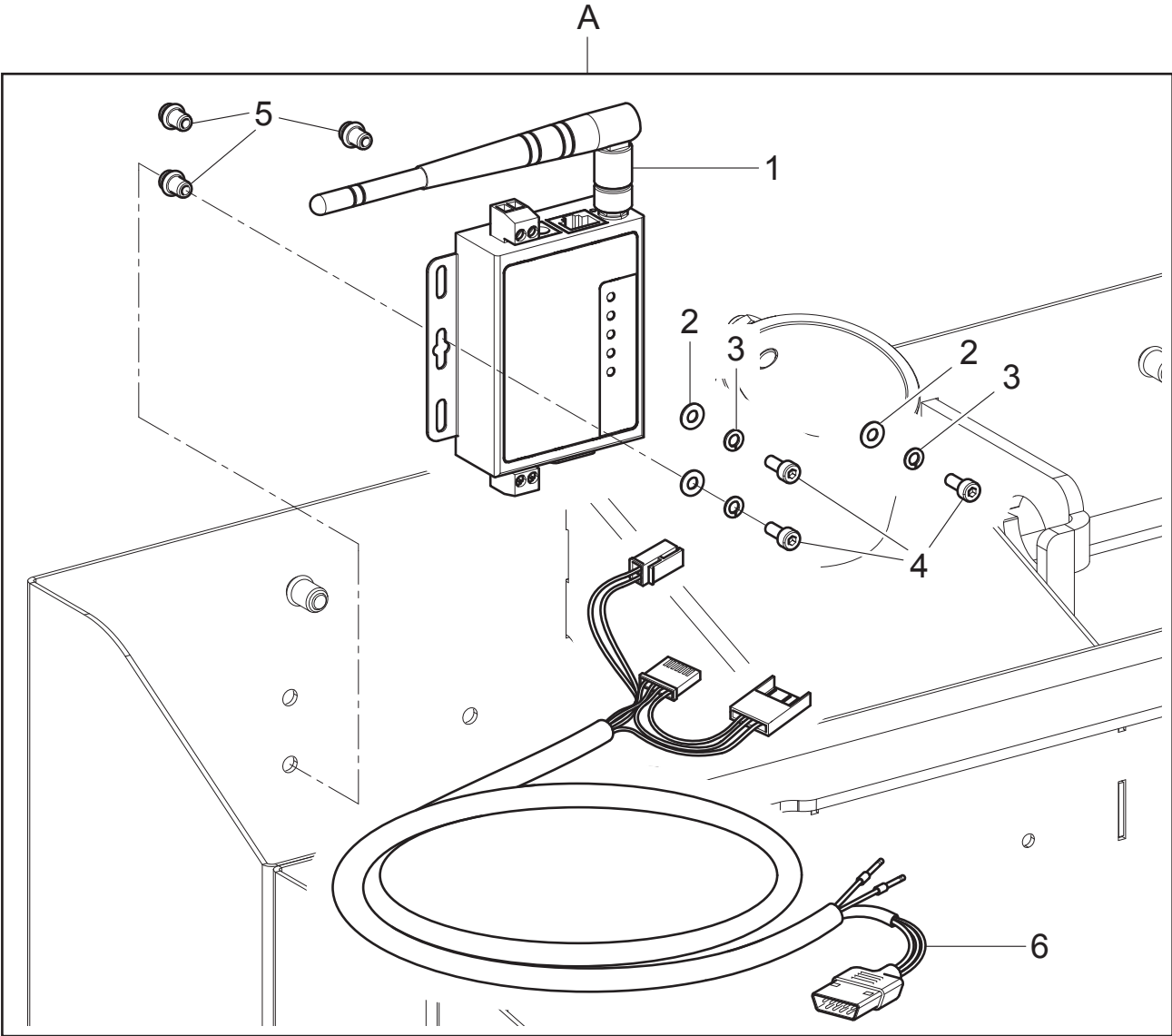
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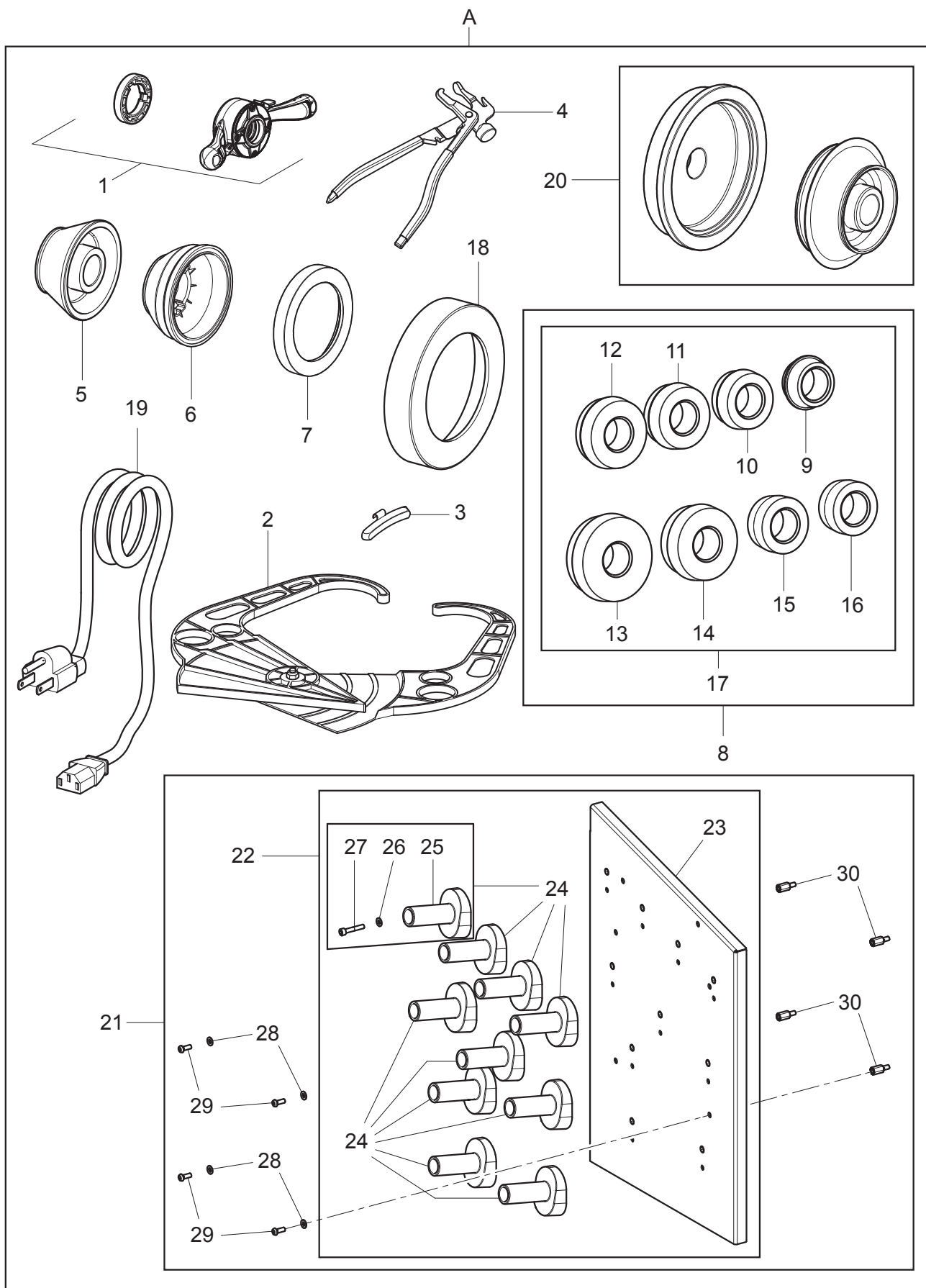
[illegible]



[illegible]



#		D.R	N	Description	Description	Descripción		
1	✓		VS20327	Wi-Fi converter + Wi-Fi extension	Convertisseur Wi-Fi + rallonge Wi-Fi	Convertidor Wi-Fi + extensión Wi-Fi		
2			VS236025	Washer d. 4.3x9x0.8	Rondelle d. 4,3x9x0,8	Arandela d. 4,3x9x0,8		
3			VS238025	Spring washer 4.3	Rondelle elastique 4,3	Arandela elástica 4,3		
4			VS206167	Bolt TCEI M4x10	Vis TCEI M4x10	Tornillo TCEI M4x10		
5			VS251113	Threaded insert	Renfort fileté	Inserto roscado		
6	✓		VS20853	Wi-Fi cable with connector	Câble Wi-Fi avec connecteur	Cable wi-fi con conector		
A	✓		VS130192180	Wi-fi converter assembly	Ensemble de conversion Wi-Fi	Conjunto convertidor Wi-fi		



[illegible]



[illegible]

Installer: Please return this booklet to literature package, and give it to the owner/operator.

Thank You

Instalador: Por favor devuelva este manual al paquete de documentación y devuélvalo al propietario / operador.

Gracias

Installateur: Veuillez renvoyer ce manuel dans le dossier de documentation et le renvoyer au propriétaire / opérateur.

Merci

Trained Operators and Regular Maintenance Ensures Satisfactory Performance of Your Wheel Service Equipment.

Los Operadores Calificados y el Mantenimiento Regular Aseguran un Rendimiento Satisfactorio del Equipo de Asistencia para Ruedas.

Des Opérateurs Qualifiés et un Entretien Régulier Garantissent une Performance Satisfaisante de l'équipement d'assistance aux Roues.

Contact Your Nearest Authorized Rotary Wheel Service Equipment Parts Distributor for Genuine Replacement Parts. See Literature Package for Parts Breakdown.

Póngase en Contacto con su Distribuidor Autorizado de Piezas de Repuesto Rotary más Cercano para Obtener Reemplazos Originales.

Contactez votre Distributeur de Pièces Détachées Rotary Autorisé Plus Proche pour les Pièces D'origine.

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Madison, IN 47250, USA
www.rotarylif.com

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