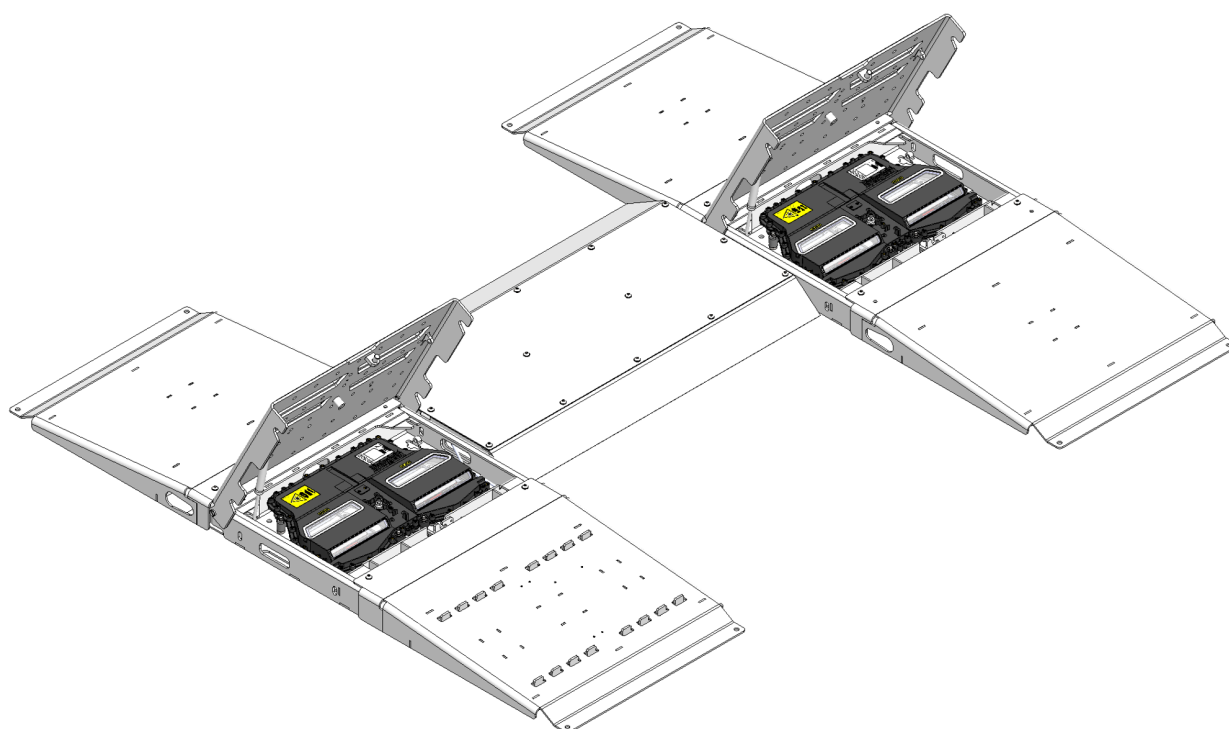




DriveOver Surface Ramp NA

Spare Parts

TEETD915AUAC3 en-US Rev 3

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1. About This Document

This manual shows the spare parts and accessories for TREADREADER™ DriveOver Surface Ramp NA EETD915AUAC.

Part numbers and descriptions are for reference purposes only. Not all parts shown are stocked as service parts, consult your parts depot warehouse for availability.

- Document name: **DriveOver Surface Ramp NA Spare Parts**
- Document number: **TEETD915AUAC3**



Maintenance carried out by unauthorized personnel may lead to a voided warranty.

1.1. Revision History

Document No	Revision	Description	Date
TEETD915AUAC3	Rev 1.5	First draft version - new ISO template	2023-06
TEETD915AUAC3	Rev 2	First release version	2025-05
TEETD915AUAC3	Rev 3	Part number updates	2025-09-29

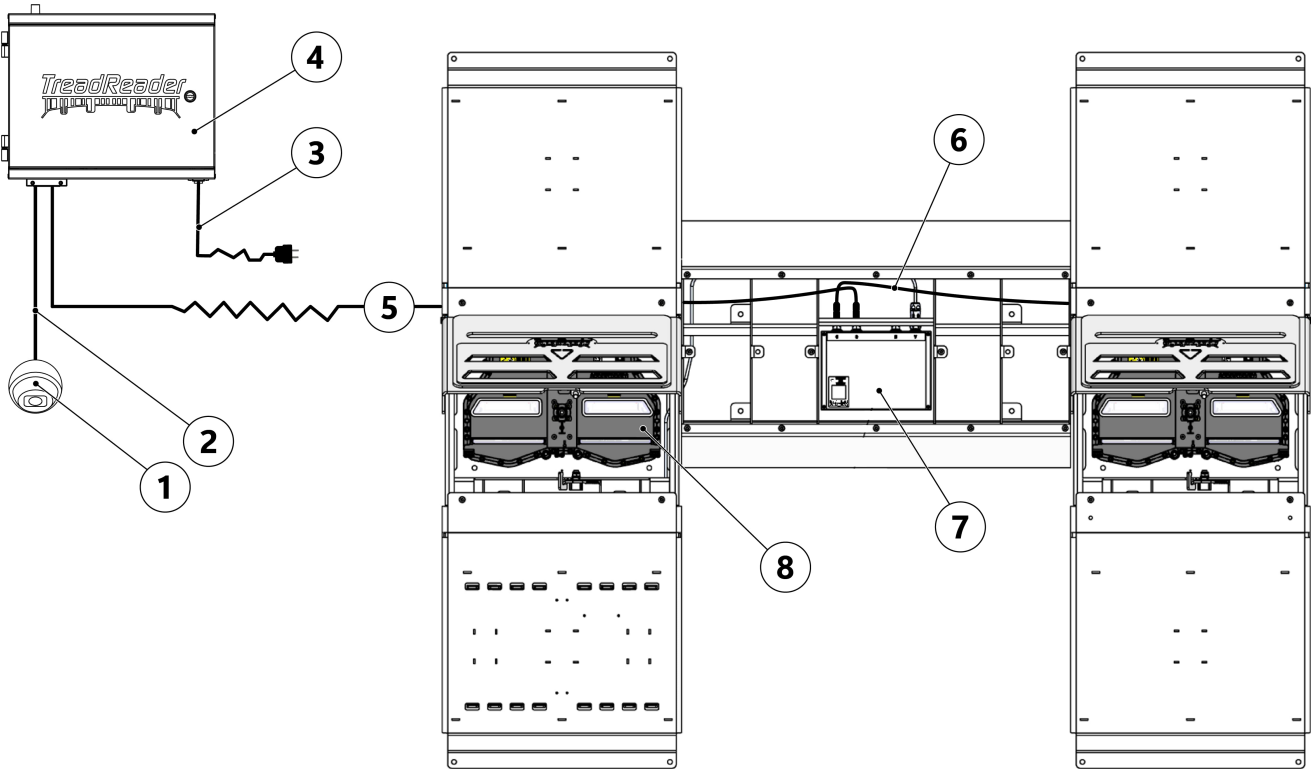
1.2. Abbreviations

In this manual the following abbreviations may occur.

ALPR	Automatic License Plate Recognition. A camera for reading license plates.
DO	DriveOver
EMEA	Europe, the Middle East and Africa
EULA	End User License Agreement
HD	Head
ID	Inner Diameter
IM	Installation Manual
IP67	An international dust and water protection code for electrical enclosures.
NA	North America
OD	Outer Diameter
OM	Operation Manual
POE	Power Over Ethernet
PT	Prevailing Torque
QTY	Quantity
SKT	Socket
SP	Spare Parts
TD	Tread Depth
TR	TreadReader

1. About This Document

2. Surface Ramp NA Assembly



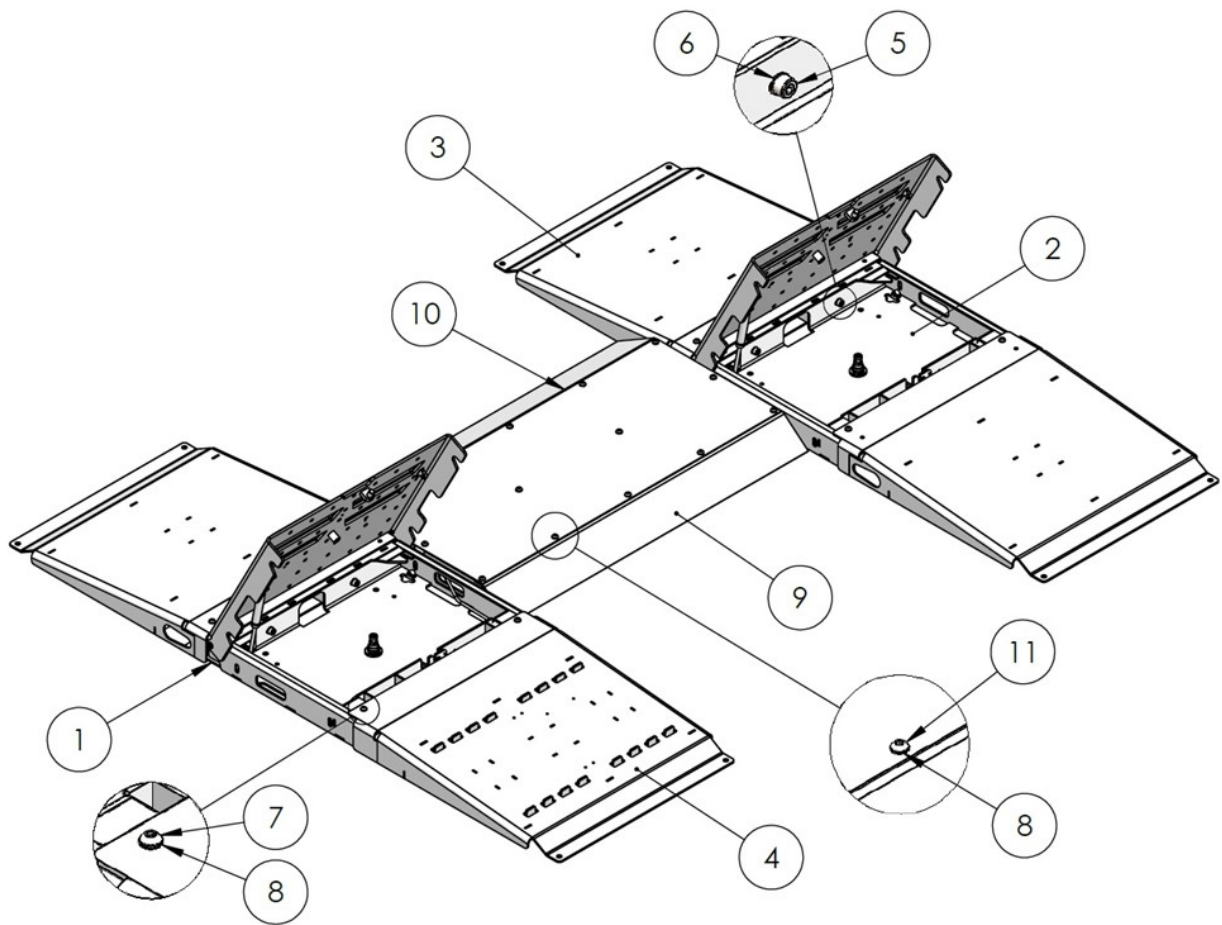
2. Surface Ramp NA Assembly

#	Part Number	Description	Qty	Type
	EAA0547Y31A	Surface Ramp Top Assembly NA	1	
1	2-96366A	ALPR Varifocal Dome Camera (5MP) with base	1	P
2	EAX0077Y08A	ALPR Camera Cable, 20 m (~ 66 ft)	1	P
3	EAX0039J00A	Power Cable 115V IEC C13, 3 m (~ 10 ft)	1	
4	EAA0547Y45A	Electrical Cabinet Assembly	1	P
5	EAX0077Y01A	DriveOver Cable, 10 m (~ 33 ft)	1	S, P
6	EAX0077Y00A	DriveOver Cable, 2.5 m (~ 8 ft)	1	S, P
7	EAA0547Y02A	Trigger Box Assembly	1	S, P
8	EAA0520Y43A	Sensor & Feet Assembly	2	S, P

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S = Recommended to be held as spare.

P = Purchasable item



2. Surface Ramp NA Assembly

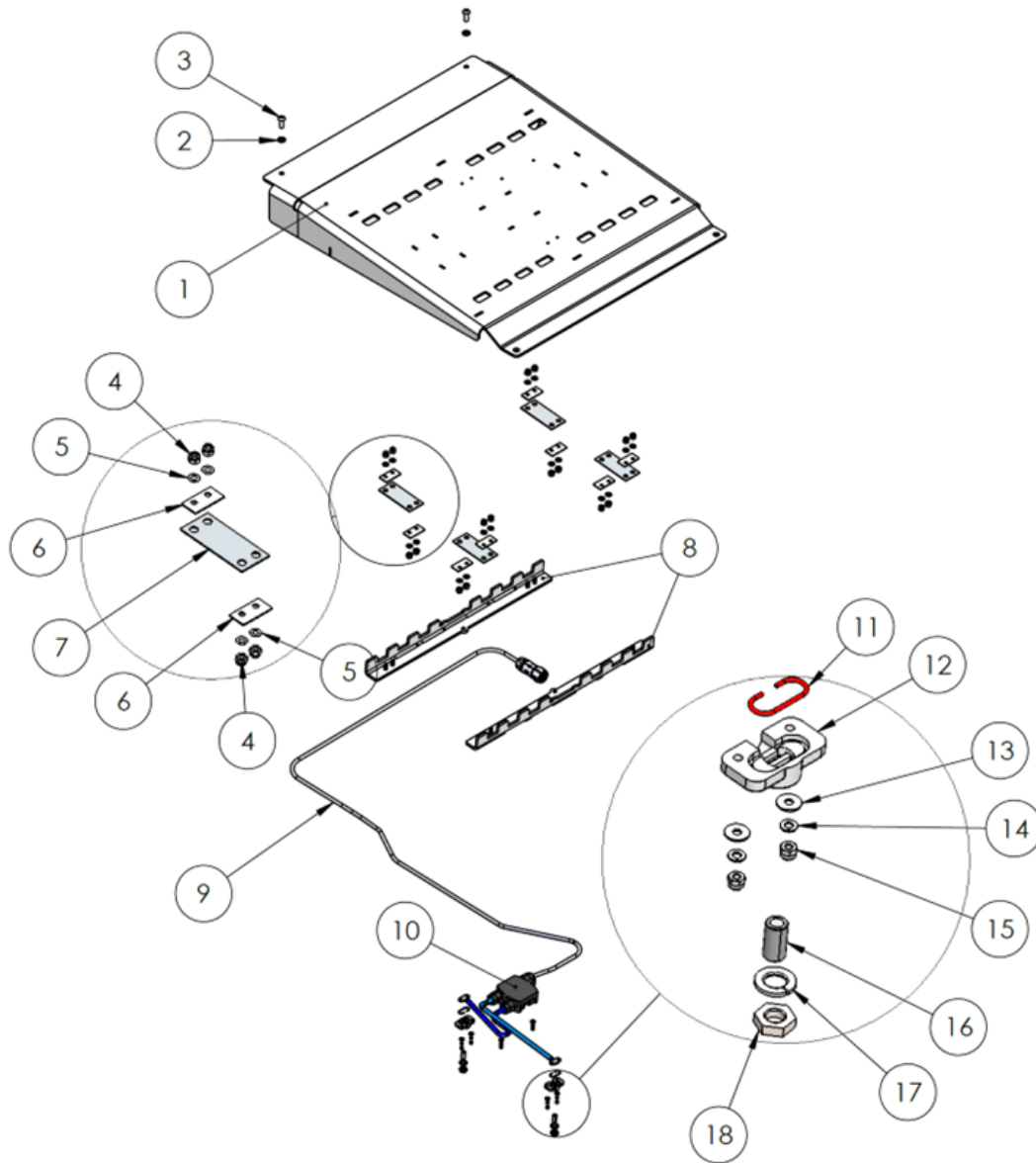
#	Part Number	Description	Qty	Type
1	EAA0547Y22A	Interface Bracket Assembly	2	
2	EAA0519Y66A	Mid-Section Top Assembly	2	
3	EAA0547Y12A	Drive-Up Ramp Assembly (No triggers)	3	
4	EAA0547Y20A	Trigger Ramp Top Assembly (Analogue Sensor Only)	1	
5	1-78009A	Hex Socket Head Cap Screw DIN 912 M10 x 25 mm Steel Zinc Plated	4	
6	1-06343A	Curved Spring Lock Washer DIN 128 A10 Steel Zinc Plated	4	
7	1-78109A	Socket Button Head Screw M8 x 20 mm Steel Zinc Plated	8	
8	1-06543A	Curved Spring Washer DIN 128 M8 x 14.8 x 8.1 mm Steel Zinc Plated	22	
9	EAA0547Y29A	Center Ramp Assembly	1	
10	EAS2256Y45A	Center Ramp Top Cover	1	
11	1-78209A	Socket Button Head Screw M8 x 16 mm Steel Zinc Plated	14	

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3. Trigger Ramp Assembly



3. Trigger Ramp Assembly

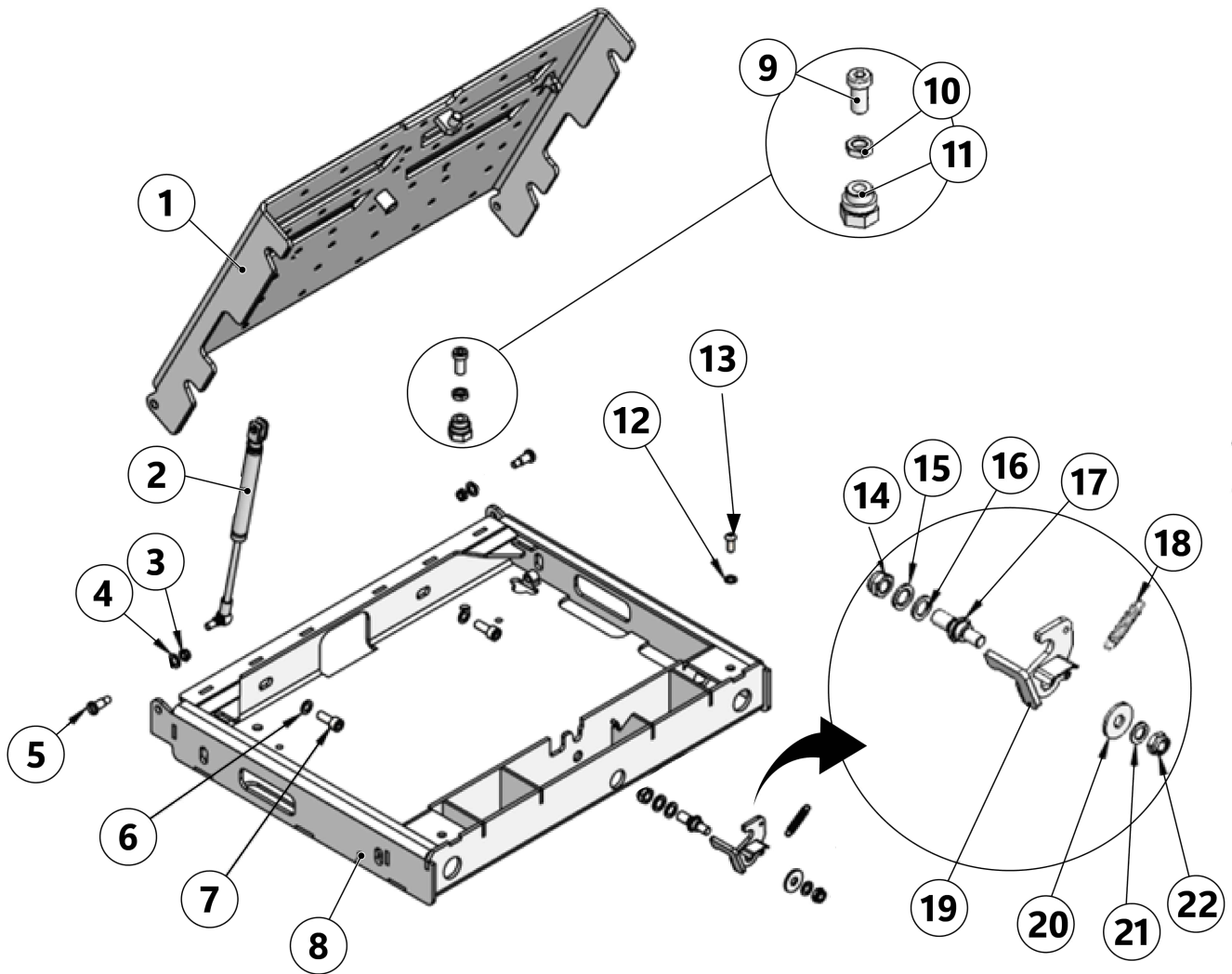
#	Part Number	Description	Qty	Type
	EAA0547Y20A	Trigger Ramp Top Assembly (Analogue Sensor Only)	1	
KIT	EAK0373Y21A	Trigger Ramp Assembly with fixings (<i>items 1 to 3</i>)	1	P
1	EAA0547Y15A	Trigger Ramp Assembly	1	
2	1-06543A	Curved Spring Washer DIN 128 M8 x 14.8 x 8.1 mm Steel Zinc Plated	2	
3	1-78109A	Socket Button Head Screw M8 x 20 mm Steel Zinc Plated	2	
KIT	EAK0373Y22A	Ramp Trigger Spring kit (<i>with items 4 to 7</i>)	1	S, P
4	1-09437A	Torque Nut ISO 7040-M6-N Steel Zinc Plated	16	
5	1-42641A	Shim Washer DIN 988 6 x 12 x 0.5 mm Steel Zinc Plated	16	
6	EAS2241Y39A	Spring Plate Support	8	
7	EAS2241Y40A	Spring Plate	4	
8	EAA0547Y21A	Adjustable Trigger Finger Assembly (Sensor)	2	P
9	EAW0296Y11A	Trigger Panel Cable	1	P
10	EAX0077Y07A	Trigger Panel Cable Assembly	1	S, P
KIT	EAK0373Y23A	Analogue Sensor fitting kit (<i>with items 11 to 18</i>)	1	S, P
11	8-22814A	O-Ring Cord 1.6OD NBR 70 ShA	2	
12	EAS2241Y41A	Plastic Sensor Mounting Block	2	
13	1-42541A	Flat Washer DIN 9021 3.2 mm Steel Zinc Plated	4	
14	1-06643A	Curved Spring Lock Washer DIN 128 A3 Steel Zinc Plated	4	
15	1-09337A	PT Nut Style-1 DIN EN ISO 7040 M3 N Steel Zinc Plated	4	
16	1-48784A	Magnets with Holders Threaded	2	
17	1-06543A	Washer Curved Spring DIN 128 M8 x 14.8 x 8.1 mm Steel Zinc Plated	2	
18	1-33433A	Hexagon Nut ISO 4036 M8 N Steel Zinc Plated	2	

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4. Mid-Section Assembly



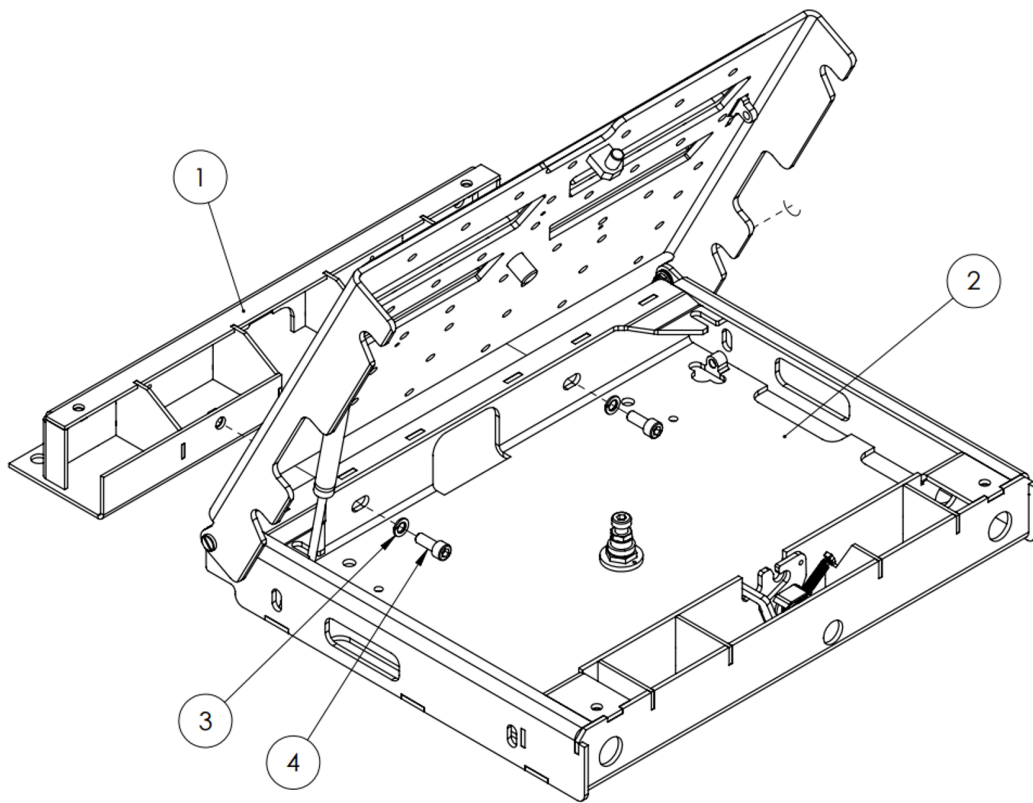
4. Mid-Section Assembly

#	Part Number	Description	Qty	Type
	EAA0519Y66A	Mid-Section Top Assembly	1	
KIT	EAK0373Y24A	Top Cover Assembly with fixings (<i>with items 1,3,4,5</i>)	1	P
1	EAA0547Y33A	Top Cover Assembly	1	
2	EAA0519Y27A	Gas Strut Assembly	1	P
3	1-07637A	PT Nut Thin DIN EN ISO 10511 M8 N ST-ST	2	
4	1-42841A	Washer DIN 125 A 8.4 DIN 125 ST-ST	2	
5	1-80709A	Screw Socket Cap M8 x 16 ST-ST DIN 912	2	
KIT	EAK0373Y26A	Mid-Section Assembly with fixings (<i>with items 6,7,8,12,13</i>)	2	P
6	1-06343A	Curved Spring Lock Washer - DIN 128 - A10 Steel Zinc Plated	2	
7	1-78009A	Hex Socket Head CAP Screw DIN 912 M10 x 25 mm Steel Zinc Plated	2	
8	EAA0547Y16A	Mid-Section Base Assembly	1	
KIT	EAK0373Y25A	Sensor Mid Support with fixings (<i>with items 9 to 11</i>)	1	P
9	1-74509A	Hex Socket Head Screw DIN 7984 M12 x 25 mm st-st	1	
10	1-08037A	Hex Thin Nut Grade AB DIN 24035 M12 st-st	1	
11	EAM0189Y02A	Sensor Mid Support	1	
12	1-06543A	Curved Spring Washer DIN 128 M8 x 14.8 x 8.1 mm Steel Zinc Plated	2	
13	1-78109A	Socket Button Head Screw M8 x 20 mm Steel Zinc Plated	2	
KIT	EAK0373Y27A	Latch Plate Assembly with fixings (<i>with items 14 to 22</i>)	1	P
14	1-09137A	PT Nut Thin DIN EN ISO 10511-M12 Steel Zinc Plated	1	
15	1-05843A	Curved Spring Washer DIN 128 M8 x 14.8 x 8.1 mm st-st	1	
16	1-42341A	Small Grade A Washer DIN 433 x M12 x 20 x 13 mm Steel Zinc Plated	1	
17	EAM0189Y17A	Hinge Bolt Link	1	
18	1-08667A	Latch Spring Zinc plated	1	
19	EAA0547Y19A	Latch Plate Assembly	1	
20	1-42241A	Washer DIN 9021 10.5 mm Steel Zinc Plated	1	
21	1-06343A	Curved Spring Lock Washer DIN 128 A10 Steel Zinc Plated	1	
22	1-09037A	PT Nut Thin DIN EN ISO 10511-M10 Steel Zinc Plated	1	

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4. Mid-Section Assembly

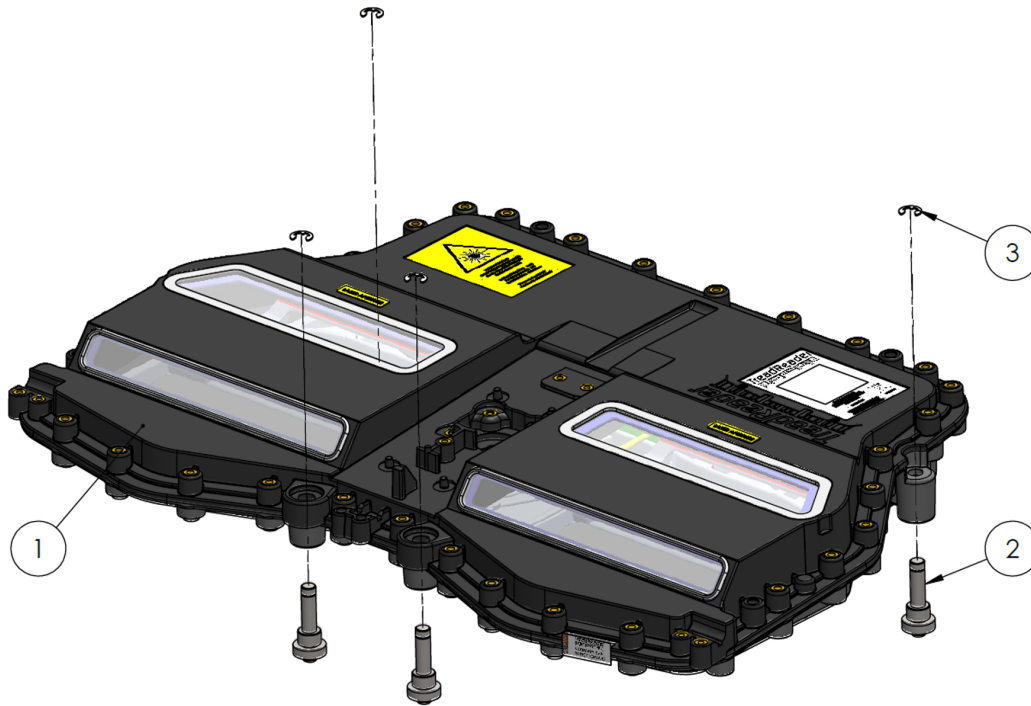
#	Part Number	Description	Qty	Type
1	EAA0547Y22A	Interface Bracket Assembly	1	P
2	EAA0547Y16A	Mid-Section Base Assembly	1	
3	1-06343A	Curved Spring Lock Washer DIN 128-A 10 Steel Zinc Plated	2	
4	1-78109A	Socket Button Head Screw M8 x 20 mm Steel Zinc Plated	2	

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5. Sensor & Feet Assembly



5. Sensor & Feet Assembly

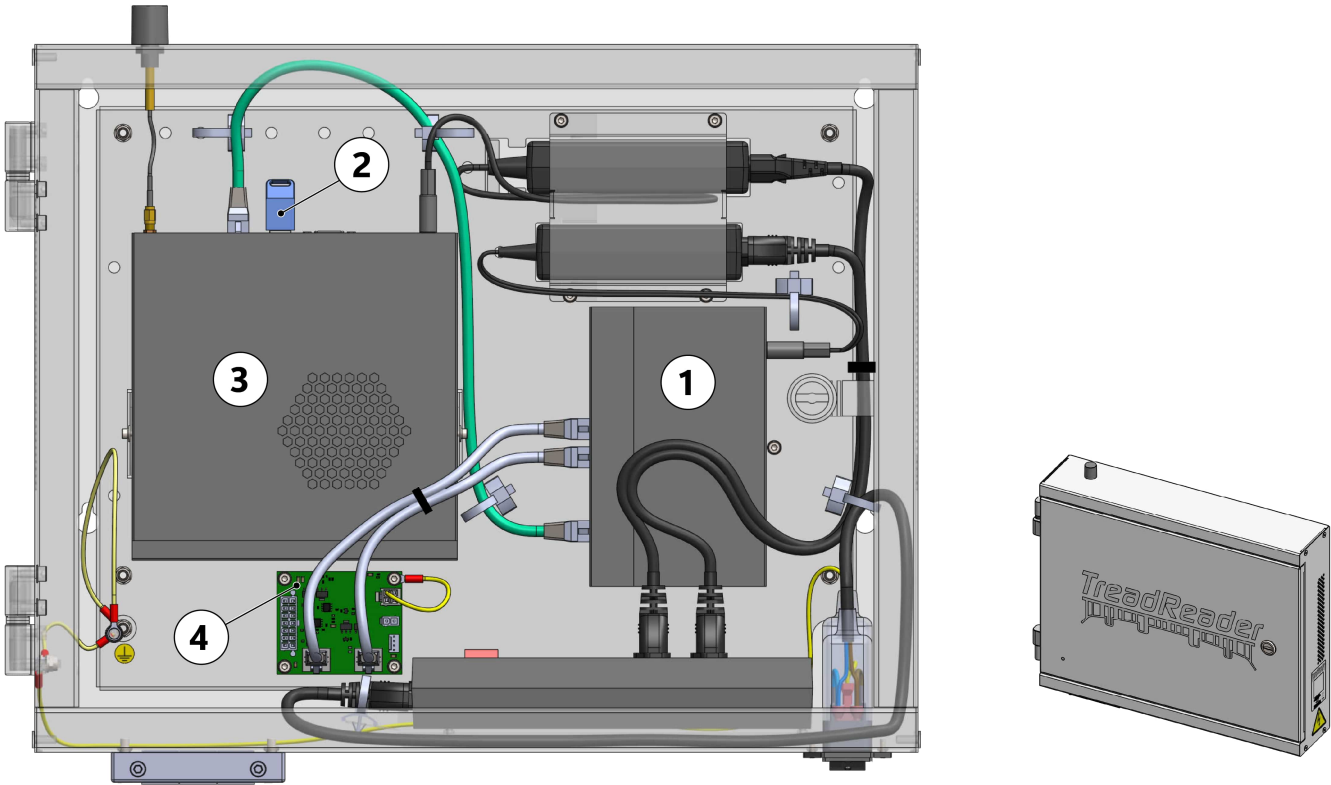
#	Part Number	Description	Qty	Type
	EAA0520Y43A	Sensor & Feet Assembly	1	
1	EAA0520Y42A	DriveOver Sensor Assembly	1	S, P
KIT	EAK0373Y33A	Sensor Feet Kit with items 2 and 3	1	S, P
2	EAM0189Y20A	NA Sensor Foot	4	
3	1-01045A	Lock Washer DIN 6799, 6 mm (1/4 inch)	4	

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6. Electrical Cabinet Assembly



6. Electrical Cabinet Assembly

#	Part Number	Description	Qty	Type
	EAA0547Y45A	Electrical Cabinet Assembly	1	P
1	1-54384A	5-Port Plus Desktop Gigabit POE+ Switch (63W)	1	P
2	EAE0097Y02A	Sentinel HL Basic Mini HASP	1	P
3	EAE0097Y03A	B50 Mini-PC Celeron Processor, 4 GB RAM, 128 GB SSD	1	P
4	EAP0319Y02A	Cabinet Adapter PCB	1	P

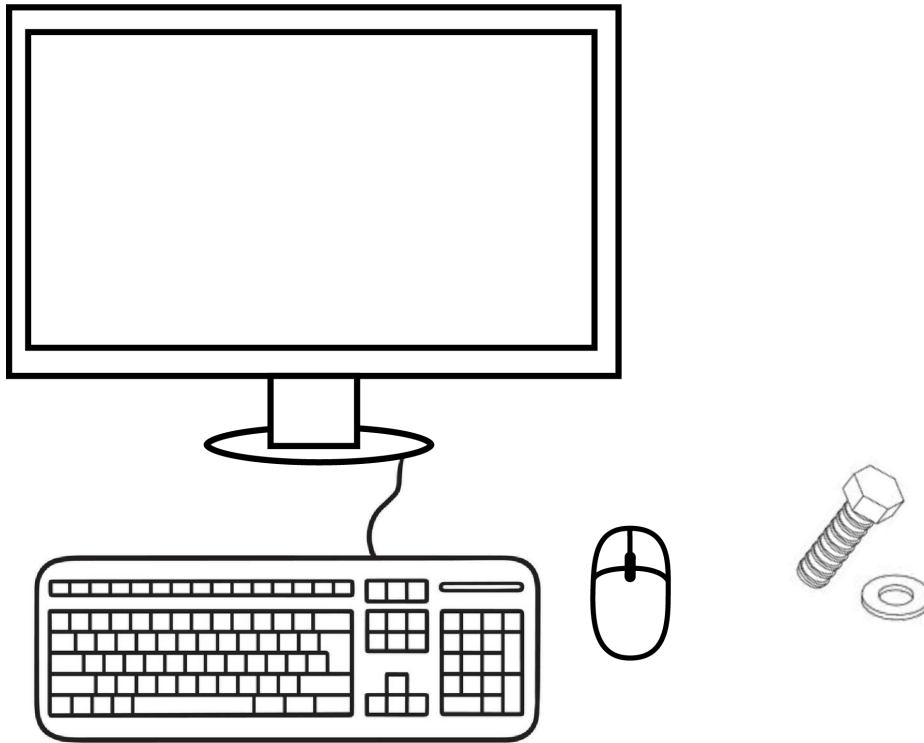
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7. Optional Components

The following parts are included as installation components.



7. Optional Components

#	Part Number	Description	Qty	Type
1	3-05108A	24" LCD Monitor	1	P
2	1-59184A	Bracket Monitor	1	P
3	2-85466A	Cable HDMI to HDMI, 2 m (~ 6.6 ft)	1	P
4	22736CN	Floor Line Cover "D"	1	P
5	3-08006A	Kit with Mouse and Keyboard, USB	1	P
6	89209	Cord, Power Adapter 12"	1	P
7	1-06015A	Bolt Hex Masonry 10 x 100 mm (3/8 in x 4 in)	20	P
8	1-5741	Washer Plain 12 mm (1/2 inch)	20	P

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The optional 20 m (~ 66 ft) DriveOver cable (EAK0373Y04A) increases the mounting radius for the Electrical Cabinet to 16 m (~ 52 ft).



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