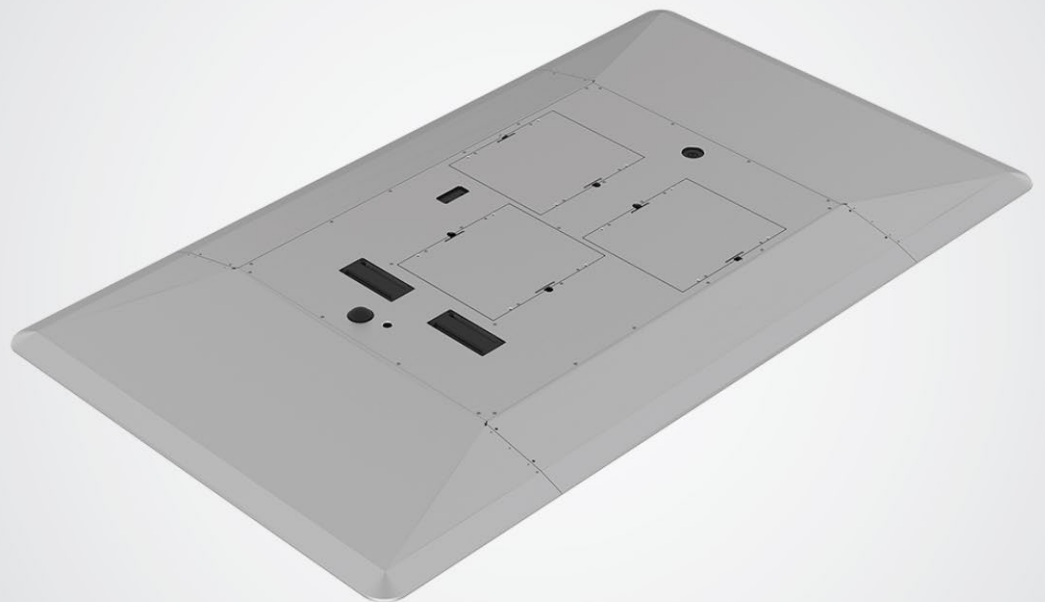
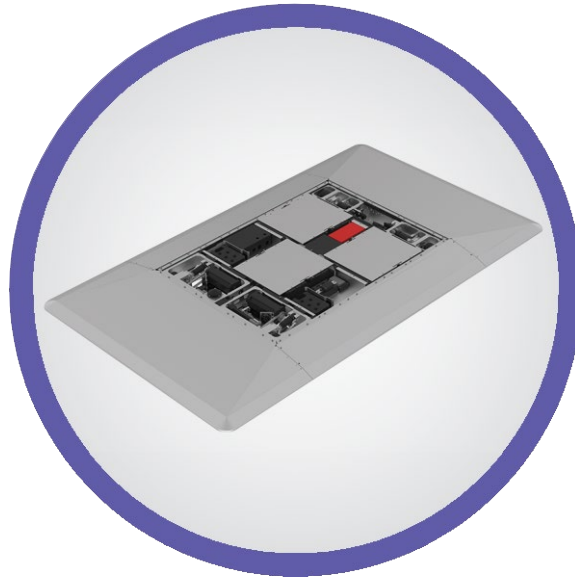


UFO

Ultra **F**lat **O**verrunable robot
platform

PARTS CATALOG – UFO-20201B





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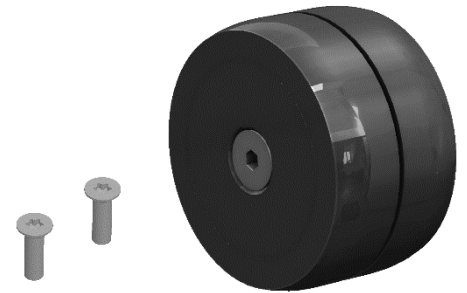
The information in this catalog is furnished for informational use only and is subject to change without notice. Humanetics Innovative Solutions assumes no responsibility or liability for any errors or inaccuracies that may appear in this catalog.

1. Front Wheel KIT**UFO-99-0010**Includes:

1x Front wheel

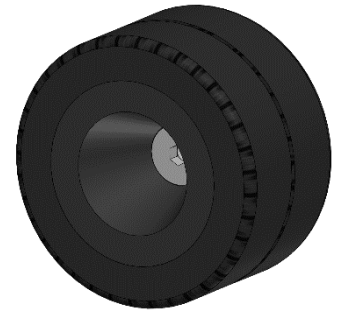
1x countersunk screw

2x countersunk screw

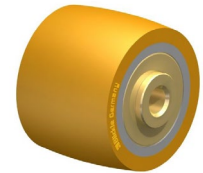
**2. Rear Wheel KIT****UFO-99-0020**Includes:

1x Rear wheel

1x countersunk screw

**3. UFO Mini Front Wheel****6100018**Includes:

1x front wheel

**4. Joint Shaft Front KIT****UFO-99-0030**Includes:

1x Cardan Joint

1x Bearing

1x Wheel axis

1x Countersunk screw

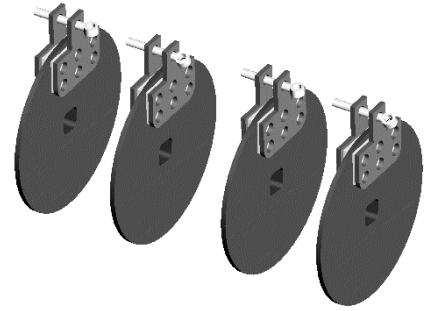
**ships preassembled*

5. Brake Disk KIT
UFO-99-0040

Includes:

4x Brake disk

4x Brake pad set



6. Steering Servo
6005703

Includes:

1x Steering servo (with connectors)



7. Damper KIT
UFO-99-0070

Includes:

1x Damper

2x reduction Set

**ships preassembled*



8. Swing Front Left KIT
UFO-99-0080

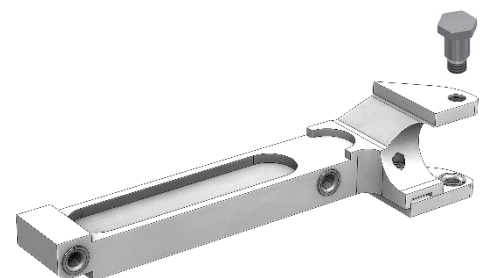
Includes:

1x Swing front left

1x Linkage flange front left

1x Screws and bolt

**ships preassembled*

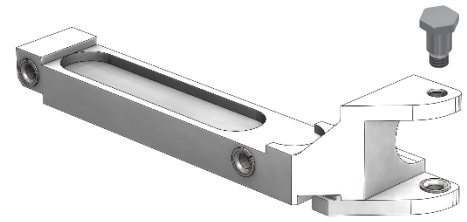


9. Swing Front Right KIT**UFO-99-0090**Includes:

1x Swing front right

1x Linkage flange front right

1x Screws and bolt

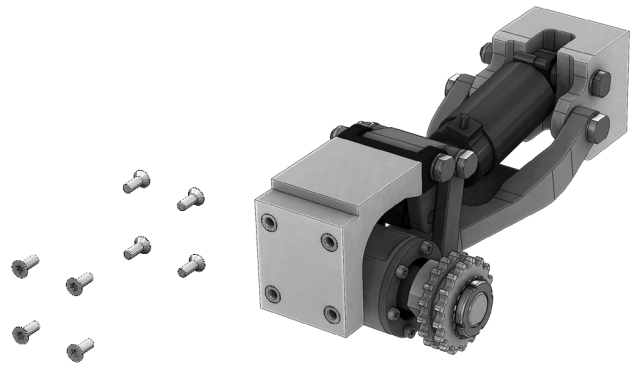
ships preassembled*10. Running Gear Rear Left KIT****UFO-99-0100**Includes:

1x Landing gear

1x Axis

1x Gear

8x countersunk screw

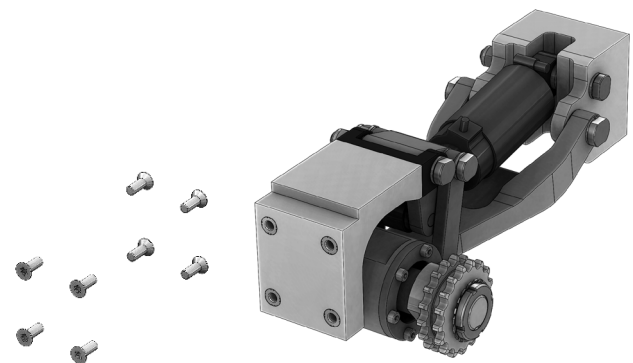
ships preassembled*11. Running Gear Rear Left KIT Black Series****UFO-99-0370**Includes:

1x Landing gear

1x Axis

1x Gear

8x countersunk screw

**ships preassembled*

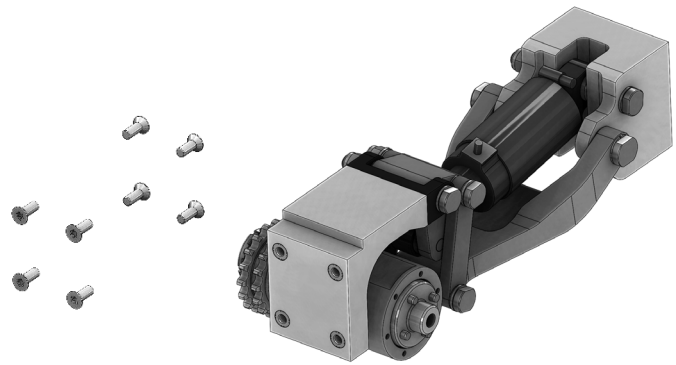
12. Running Gear Rear Right KIT**UFO-99-0110**Includes:

1x Landing gear

1x Axis

1x Gear

8x countersunk screw

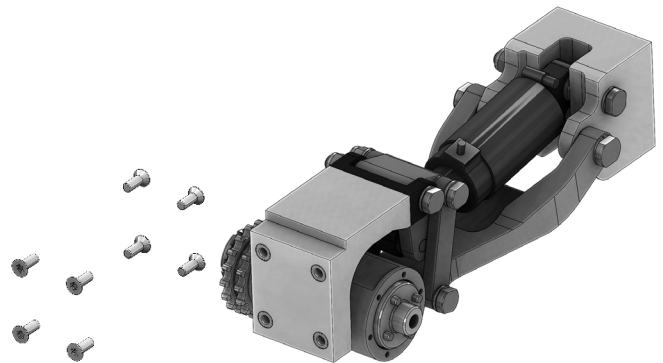
ships preassembled*13. Running Gear Rear Right KIT Black Series****UFO-99-0380**Includes:

1x Landing gear

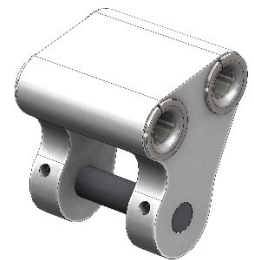
1x Axis

1x Gear

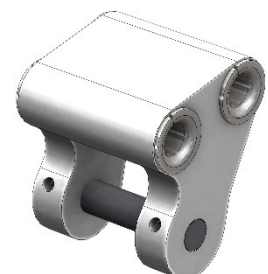
8x countersunk screw

ships preassembled*14. Force Redirection Front KIT****UFO-99-0120**Includes:

1x force redirection front

ships preassembled*15. Force redirection rear KIT****UFO-99-0130**Includes:

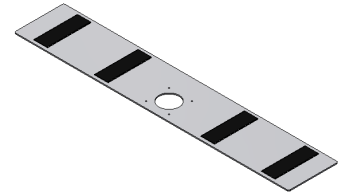
1x force redirection rear

**ships preassembled*

**16. Sensorplate with Velcros UFO PRO
UFO-99-0520**

Includes:

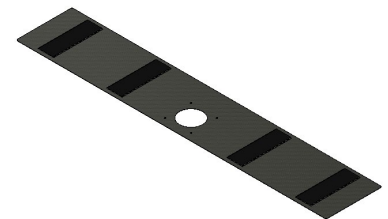
1x Sensorplate with Velcros (Plastic)



**17. Sensorplate with Velcros UFO PRO BLACK SERIES
UFO-99-0530**

Includes:

1x Sensorplate with Velcros (Carbon)



**18. Ball Joint KIT
UFO-99-0140**

Includes:

1x Ball joint

1x TNC Adapter

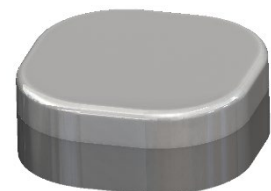
4x screw with washer and nut



**19. DRI GPS Antenna
6005535**

Includes:

1x DRI GPS Antenna



20. Overrunable GPS Antenna KIT
UFO-99-0150

Includes:

1x GPS Antenna

4x Screw with nuts & washer



21. DRI GPS Antenna Strain Relief
UFO-1-8120

Includes:

1x DRI GPS Antenna strain relief

1x TNC Adapter

1x 3m TNC Cable

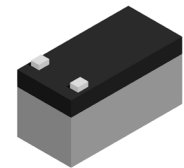
**ships preassembled*



22. Buffer Battery
6005399

Includes:

1x Buffer Battery



23. Rocket
6005542

Includes:

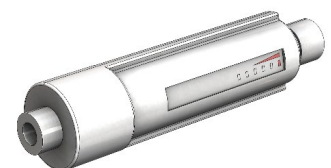
1x Rocket



24. Bullet for VUT
6005541

Includes:

1x Bullet



**25. Antenna for Bullet
6005538**

Includes:

1x Antenna



**26. Bullet for VUT KIT
UFO-1-8410**

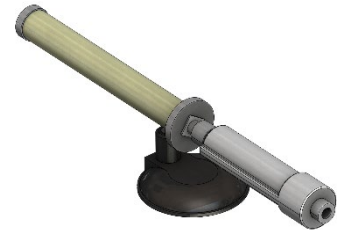
Includes:

1x Bullet

1x Antenna

1x Suction Cup

**ships preassembled*



**27. Electronic Box
UFO-1-2070**

Includes:

1x Electronic Box



**28. Electronic Box II
UFO-1-2100**

Includes:

1x Electronic Box II



**29. Rocket Antenna KIT
UFO-1-8420**

Includes:

1x Rocket Antenna

4x Thread inserts (mounted)

4x Handle



30. Tripod for Rocket
6100094

Includes:

1x Tripod



31. Lead Battery
6005631

Includes:

1x Lead Battery

**fits Control Box / Pedestrian Box / Multifunction Box*



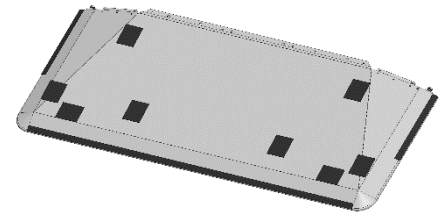
32. DRI Front Ramp
UFO-1-1010-0047

Includes:

1x Front Ramp

1x Velcros for Front Ramp

**ships preassembled*



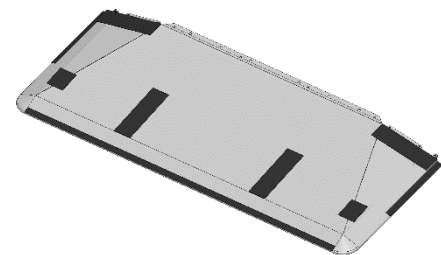
33. DRI Rear Ramp
UFO-1-1010-0048

Includes:

1x Rear Ramp

1x Velcros for Rear Ramp

**ships preassembled*



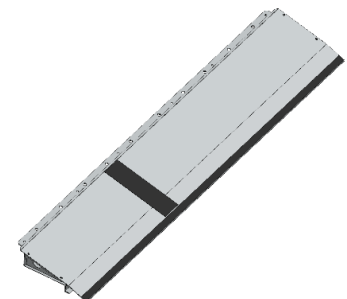
34. DRI Side Ramp Left
UFO-1-1010-0049

Includes:

1x Side Ramp left

1x Velcros for Side Ramp left

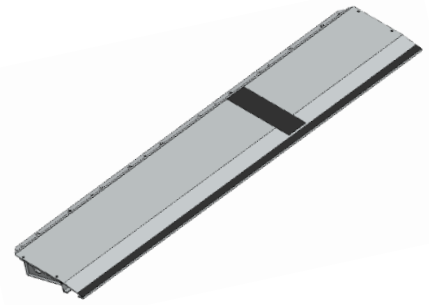
**ships preassembled*



35. DRI Side Ramp Right**UFO-1-1010-0050**Includes:

1x Side Ramp right

1x Velcros for Side Ramp right

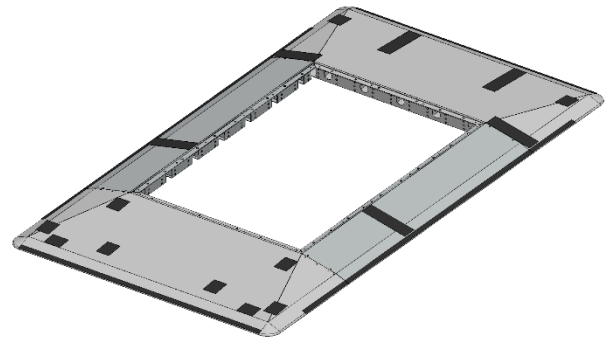
ships preassembled*36. DRI Ramp KIT****UFO-1-1010-0051**Includes:

1x Front Ramp KIT

1x Rear Ramp KIT

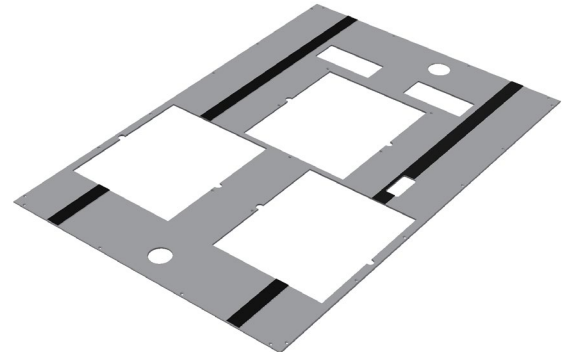
1x Side Ramp left KIT

1x Side Ramp right KIT

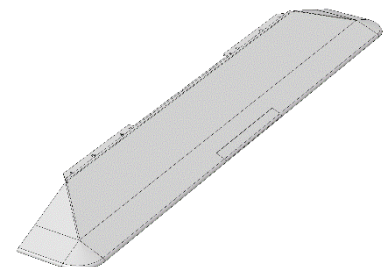
ships preassembled*37. DRI Cover Plate KIT****UFO-99-0490**Includes:

1x DRI Cover Plate (fits Eibl Motors)

27x mounting screw

**38. UFO Mini Front Ramp****UFO-1-1030-0001**Includes:

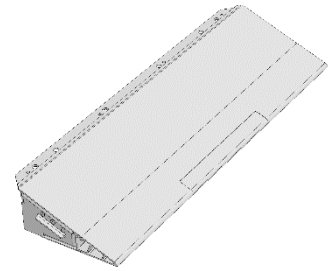
1x UFO Mini Front Ramp



39. UFO Mini Side Ramp
UFO-1-1030-0002

Includes:

1x UFO Mini Side Ramp

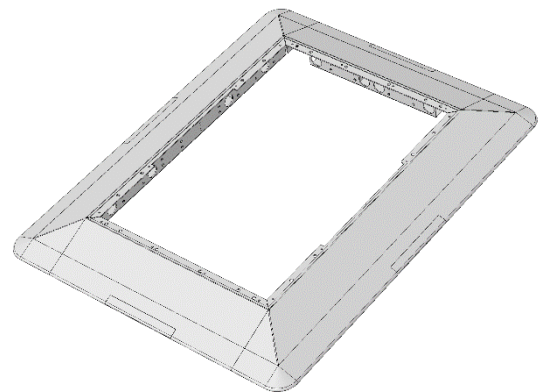


40. UFO Mini Ramp KIT
UFO-1-1030-0003

Includes:

2x UFO Mini Front Ramp

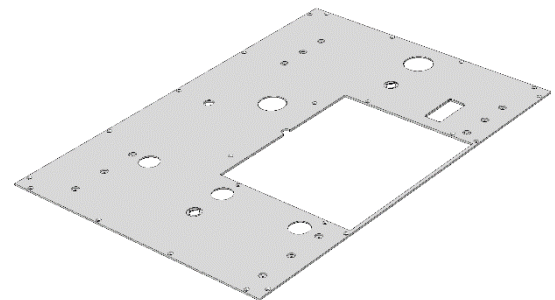
2x UFO Mini Side Ramp



41. UFO Mini Cover Plate
UFO-4-0080-0001

Includes:

1x UFO Mini Cover Plate



42. Arrow Ramp KIT
UFO-99-0290

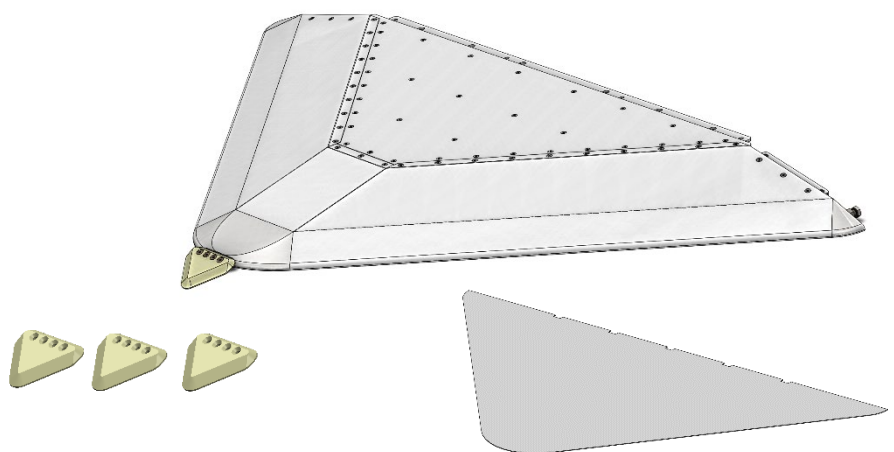
Includes:

1x Arrow Ramp

1x extra wear plate (with tape on)

3x extra wear thorn

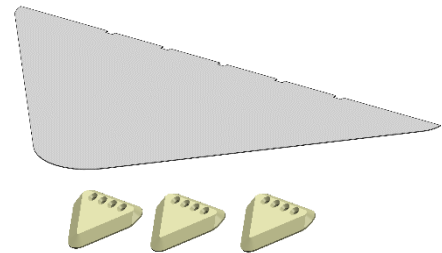
**ships preassembled*



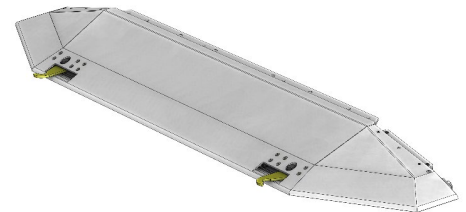
43. Arrow Ramp Service KIT**UFO-99-0300**Includes:

3x wear thorn

1x wear plate (with tape on)

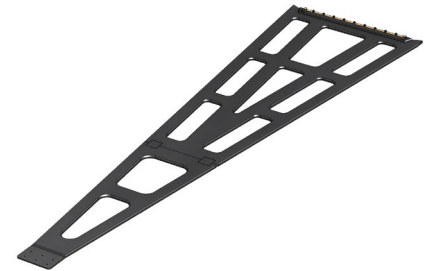
**44. DRI VRU Ramp****UFO-1-1050**Includes:

1x VRU Ramp

**45. Foldable plastic arm****UFO-1-1050-0001**Includes:

1x Foldable Plastic arm

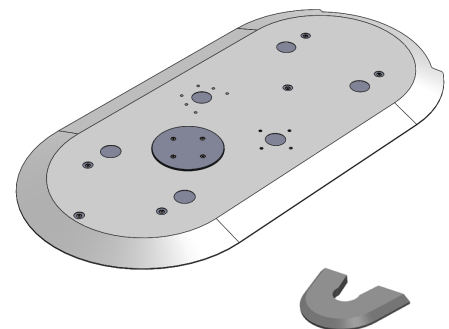
6x Mounting screws for Surfboard

**46. Surfboard****UFO-1-1050-0002**Includes:

1x Surfboard with magnets

1x U-formed magnetic dummy holder

6x Mounting screws to assemble with plastic arm

**47. Pedestrian Trigger Box****UFO-1-2050**Includes:

1x Pedestrian Trigger Box



48. DRI Dummy
UFO-1-5010

Includes:

1x Complete DRI Dummy



49. DRI Dummy separate parts

Part	HA-Nr.
Skin 0-1 (Front)	UFO-1-5010-0001
Skin 1-2 (Hood)	UFO-1-5010-0002
Skin 2-3 (Windshield)	UFO-1-5010-0003
Skin 3-4 (Roof Front)	UFO-1-5010-0004
Skin 4-5 (Roof Rear)	UFO-1-5010-0005
Skin 5-6 (Rear)	UFO-1-5010-0006
LongFwd	UFO-1-5010-0007
LongRear	UFO-1-5010-0008
0C	UFO-1-5010-0009
0L/R	UFO-1-5010-0010
1C	UFO-1-5010-0011
1L/R	UFO-1-5010-0012
2C	UFO-1-5010-0013
2L/R	UFO-1-5010-0014
3C	UFO-1-5010-0015
3L/R	UFO-1-5010-0016
4C	UFO-1-5010-0017
4L/R	UFO-1-5010-0018
5C	UFO-1-5010-0019
5L	UFO-1-5010-0020
5R	UFO-1-5010-0021
6C	UFO-1-5010-0022
6L/R	UFO-1-5010-0023
Wheel, Front	UFO-1-5010-0024
Wheel, Right Rear	UFO-1-5010-0025
Wheel, Left Rear	UFO-1-5010-0026
Wheel Well	UFO-1-5010-0027
Center Support	UFO-1-5010-0028
Side Mirror	UFO-1-5010-0029
Mirror Brace	UFO-1-5010-0030
Windshield	UFO-1-5010-0031
GPS Antenna	UFO-1-5010-0032
Plastic Skids	UFO-1-5010-0033
RAM Skirt, Front	UFO-1-5010-0034
RAM Skirt, Side	UFO-1-5010-0035
RAM Skirt, Rear	UFO-1-5010-0036

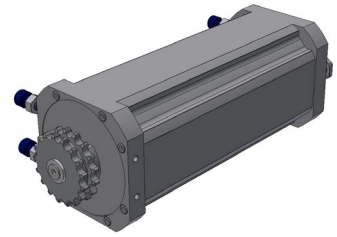
50. Cable replacements

Part	HA-Nr.
3m PoE Cable for VUT/DR Bullet	UFO-1-4180
6m PoE Cable for CB	UFO-1-4160
RS-232 Cable (for VB Datatransfer)	UFO-1-4110
CAN Cable (for VB Datatransfer)	UFO-1-4100
15 pol. SubD-GPS correction Cable	UFO-1-4060
Emergency Stop Cable	UFO-1-4050
Novatel Cable 13.13	UFO-1-4040
Novatel Cable 13.14	UFO-1-4140
Energy Supply Cable	UFO-1-4070
Cablewhip for UFO	UFO-1-4210
DRI GPS antenna cable KIT (includes 3m TNC Cable + TNC Adapter)	UFO-99-0390
POE Lemo 1,12m UFO Cable	UFO-1-4170
POE Lemo 1T 3m Cable	UFO-1-4360
POE Lemo 1T 6m Cable	UFO-1-4370

**51. Motor Replacement UFO PRO
UFO-99-0310**Includes:

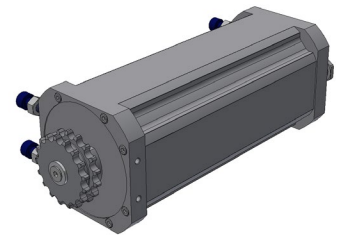
- 1x Motor
- 1x Cables
- 4x Head cap screw with nut
- 1x Secure washer for gear
- 1x countersunk screw
- 1x gear

Note: replacement by Humanetics Specialist recommended

**52. Motor Replacement UFO PRO Black Series
UFO-99-0320**Includes:

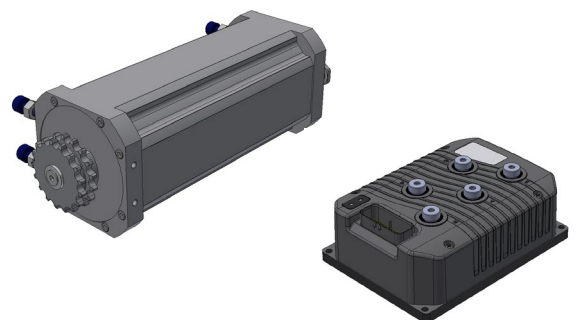
- 1x Motor
- 1x Cables
- 4x Head cap screw with nut
- 1x Secure washer for gear
- 1x countersunk screw
- 1x gear

Note: replacement by Humanetics Specialist recommended

**53. Drivetrain Replacement UFO PRO
UFO-99-0330**Includes:

- 1x Motor replacement for UFO PRO
- 1x Curtis
- 1x Cables

Note: replacement by Humanetics Specialist recommended



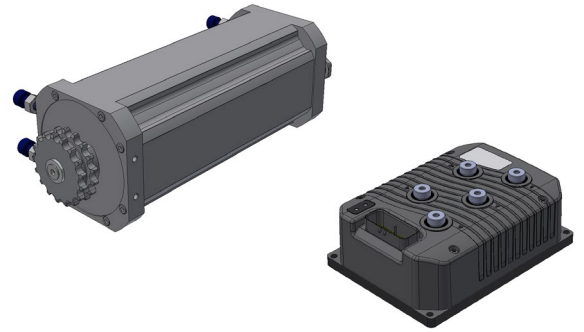
**54. Drivetrain Replacement UFO PRO Black Series
UFO-99-0340**

Includes:

1x Motor replacement for UFO PRO Black Series

1x Curtis

1x Cables



Note: replacement by Humanetics Specialist recommended

**55. Battery Service Small
UFO-99-0350**

Includes:

1x BMS with flashing

Note: replacement only by Humanetics Specialist

**56. Battery Service Full
UFO-99-0360**

Includes:

1x BMS with flashing

4x Battery Cells

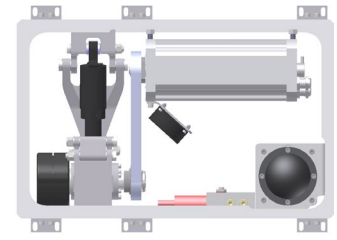
Note: replacement only by Humanetics Specialist

57. Power Unit Left**UFO-99-0420**Includes:

1x Power Unit left

12x M6 Screw

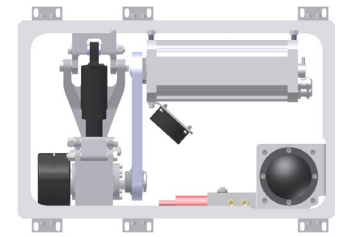
12x M6 Washer

**58. Power Unit Left Black Series****UFO-99-0430**Includes:

1x Power Unit left Black Series

12x M6 Screw

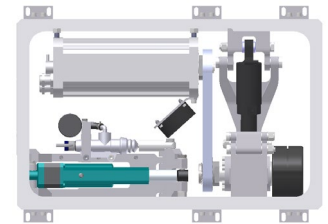
12x M6 Washer

**59. Power Unit Right****UFO-99-0440**Includes:

1x Power Unit right

12x M6 Screw

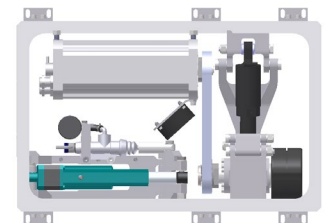
12x M6 Washer

**60. Power Unit Right Black Series****UFO-99-0450**Includes:

1x Power Unit right Black Series

12x M6 Screw

12x M6 Washer

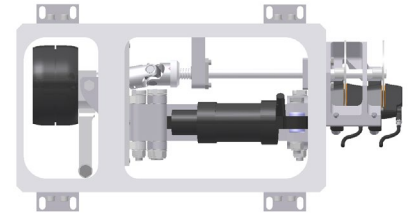


61. Running Gear Front Left**UFO-99-0460**Includes:

1x Running gear front left

8x M6 Screw

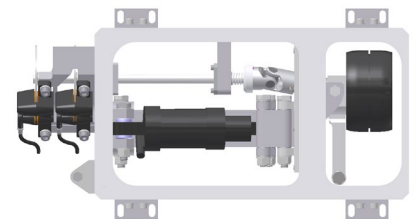
8x M6 Washer

**62. Running Gear Front Right****UFO-99-0470**Includes:

1x Running gear front right

8x M6 Screw

8x M6 Washer

**63. Running Gear Complete****UFO-99-0480**Includes:

1x Running gear complete

16x M6 Screw

16x M6 Washer

