

Otto

## Parts Catalogue 2024

# Taylor Engineering & Fabrications Ltd

Unit D, St Clements Road, Nechells, Birmingham, B7 5AF

Tel: 0121 326 9035 – option 1 for refuse parts

Precision Engineering and Coded Welding

Suppliers of parts for refuse vehicles and bin lifting equipment

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## Quick reference parts list

OttoP/N	Description	Taylor Engineering P/N
	BOSS; RAVE DOOR RETAINING TOGGLE CLIP, OTTO	TEM1048/3
108097	Decal; Dual Control Operation	TEM1371
108099	Decal; Auto Cycle Interrupt	TEM1374
108100	Decal; Hoist Must be Lowered	TEM1375
108103	Decal; Responsibility of Operator	TEM1372
108107	Decal; Danger Stand Clear..in Oper'n	TEM1366
108108	Decal; Danger Stand Clear..off Ground	TEM1367
108111	Decal; Emergency Stop	TEM1368
108115	Decal; Important Locate.. 2 Wheel	TEM1370
108116	Decal; SWL Max Capacity	TEM1369
108181	Air Cylinder, bin restraint	TEM1074
108276	Clevis, for rod on air cyl	TEM1074/1
108291	Track (Hockeystick) Roller Bearing	TEM1001
108293	Rotation Shaft bearing	TEM1002
108294	Rotation Shaft bearing	TEM1003
108310	Bush, Bin Restraint Pivot	TEM1004
108314	Bush, 2 <sup>nd</sup> Striker pivot	TEM1005
108353	BUSH, 2nd Striker, Otto Compact	TEM1609
108367	BUSH, 1st Striker Otto Compact	TEM1608
108370	Oilite bush, Rave Door	TEM1006
108383	Bush, Clamp Bar Roller	TEM1007
108397	Bush, Air cyl. Pivot, bin restraint + Evo 1 <sup>ST</sup> striker	TEM1008
108499	Spring, Clamp bar	TES4001
108502	Spring, 2 <sup>nd</sup> Striker	TES4002
108511	SPRING; OTTO DUAL LOCK, Continental	TES4025
108554	Bump Rubber, bin restraint	TEM1083
108581	Adjusting Screw, c/w nut (for wide roller)	TEM1022/1
108698	Coil; replaced by 121715 (TEL2032)	<u>replaced</u>
108758	PIN, Bin Restraint Pivot	TEM12451/1
108783	Rod Eye Bearing ( Cylinder ) Continental	TEM1009
109120	Bush, guide pole/slider unit	TEM1087
109208	SEAL KIT; RAISE/LOWER CYLINDER 109205 (109208)	TEM1796
109215	Guide Track (Hockey Stick)	TEM1088
109255	Handle, dual lock	TEM1115
109262	Mounting bracket, guide track	TEM1088/1
109285	Wear strip, Square Guide Pillar	TEM1033
109298	Wide Roller Pin	TEM1022
109300	Wide Roller	TEM1023
109301	Bush, Wide Roller	TEM1010
109302	Carrier frame, wide roller	TEM1289
109303	Thrust Washer, Wide Roller	TEM1011
109314	Seal, slider unit	TEM1242
109325	Retaining strip, bottom bump rubber, c/w studs	TEM1116
109341	Rave latch assembly, left hand	
109348	Rave latch assembly, right hand	



<b>109368</b>	Cylinder Rod Eye Pin	TEM1024
<b>109371</b>	Tie Rod Assembly	TEM1025
<b>109372</b>	Lockplate, cam roller carrier	TEM1290/1
<b>109373</b>	Clamp Bar Roller Pin	TEM1026
<b>109375</b>	Cam roller carrier	TEM1290
<b>109376</b>	Clamp Bar Roller	TEM1027
<b>109399</b>	Rave Door	TEM1259
<b>109402</b>	LH Safety Barrier, Tubular Steel	TEM1020
<b>109403</b>	RH Safety Barrier, Tubular Steel	TEM1021
<b>109430</b>	Primary (1st) Striker, LH, Compact lift.	TEM1685
<b>109431</b>	Primary (1st) Striker, RH, Compact lift	TEM1686
<b>109666</b>	Button Box Only, LH; 8-hole	TEL2137
<b>109671</b>	Finger guard, push button box	TEL2053
<b>109673</b>	Button Box Only, RH; 6-hole	TEL2085
<b>109677</b>	Surface mount housing, Hirschmann connector (with lid)	TEL2175/2
<b>109678</b>	Female 16-pin insert, Hirschmann connector	TEL2175/F
<b>109681</b>	Male 16-pin insert, Hirschmann connector	TEL2175/M
<b>109721</b>	Stop Button Assembly Complete; N/O N/C	TEL2001
<b>109754</b>	Round Guide Pole, Otto Conti, Evolution, Classic	TEM1592
<b>109766</b>	Bin restraint, Continental, Evolution, Classic	TEM1245
<b>109878</b>	Gland nut for Hirschmann connectors	TEL2175/3
<b>109982</b>	DUAL FLOW REGULATOR	TEV3037
<b>110091</b>	Housing, c/w clips, Hirschmann 16-pin connector	TEL2175/1
<b>110236</b>	DOUBLE PIPE CLAMP, RETAINS HYDRAULIC PIPES,	TEM1824
<b>110238</b>	Internal c/clip, rotation shaft bearing	TEM1012
<b>110239</b>	Internal c/clip, rotation shaft bearing	TEM1013
<b>110538</b>	5m Proximity Switch Loom, angled	TEL2017
<b>111314</b>	2-Position Switch Head ( Knob )	TEL2002
<b>111404</b>	Switch, Rave Door (plunger type)	TEL2031
<b>111448</b>	Cylinder Retaining Pin ( Boss)	TEM1028
<b>111462</b>	Proximity cable, M/F 90 deg, 1 metre (Evolution, <u>not</u> TDM)	TEL2192
<b>111557</b>	Cable (Drag) Chain	TEM1142
<b>111981</b>	Proximity Switch, 12mm, grey tip ( <u>not</u> TDM)	TEL2018
<b>112180</b>	5-port air valve for bin restraint	TEV3002
<b>112183</b>	EXHAUST SILENCER, 1/4 BSP (Otto)	TEV3002/1
<b>112193</b>	5m Proximity Switch Loom, straight	TEL2019
<b>112196</b>	D.C.V. VALVE	TEV3022
<b>112333</b>	Black push Button	TEL2003
<b>112334</b>	Dark Blue push button	TEL2004
<b>112335</b>	Light Blue push button	TEL2005
<b>112344</b>	Contact block; push button box	TEL2006
<b>112345</b>	Selector switch contact block	TEL2007
<b>112347</b>	Contact block, N/O N/C; stop assy	TEL2008
<b>112358</b>	Green LED, 24v	TEL2009
<b>112359</b>	Green Push button	TEL2010
<b>112360</b>	2-position block for locking selector knob	TEL2011
<b>112361</b>	(Telemec XS1N18PA349D) Proximity Switch	TEL2020
<b>112364</b>	Grey push button	TEL2012
<b>112365</b>	Yellow push button	TEL2013



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<b>112366</b>	Keyed 2 Position Head	TEL2014
<b>112367</b>	Spare key	TEL2015
<b>112565</b>	Coil; Directional Control Valve	TEL2077
<b>112695</b>	Spring Bolt	TEM1034
<b>114375</b>	END CAP, guide pole retaining	TEM1316
<b>114545</b>	Bush, replaced by TEM1010	TEM1014
<b>114560</b>	Bush, Clamp Bar Pivot	TEM1015
<b>114564</b>	Thrust Washer, Large; 2 <sup>nd</sup> striker pivot	TEM1016
<b>114565</b>	Thrust Washer, Small; 2 <sup>nd</sup> striker pivot	TEM1017
<b>115008</b>	Rubber mounting, 40 x 30, 2x M8 female thread	TEM1035
<b>115926</b>	AIR REGULATOR VALVE, 1/4"	TEV3044
<b>115934</b>	Anti Luce Fastener	TEM1048
<b>118528</b>	Primary Striker, LH Conti, Evo, Classic	TEM1270
<b>118530</b>	Primary Striker, RH. Conti, Evo, Classic	TEM1271
<b>118532</b>	Primary (1 <sup>st</sup> ) Striker Pivot Pin. Conti, Evo, Classic	TEM1030
<b>118533</b>	Second Striker Lever, LH. Conti, Evo, Classic	TEM1272
<b>118534</b>	Second Striker Lever, RH. Conti, Evo, Classic	TEM1273
<b>118535</b>	Second Striker Pivot Pin. Conti, Evo, Classic	TEM1029
<b>118627</b>	Angled support bracket, hockey stick	TEM1294
<b>118628</b>	Angled support bracket, hockey stick	TEM1295
<b>118795</b>	Washer, retains pear drop, Otto Conti, Evo, Classic	TEM1657
<b>118797</b>	Clamp Bar Pivot Pin. Conti, Evo, Classic	TEM1031
<b>118905</b>	Now use 109766	TEM1245
<b>118908</b>	Spring, 1 <sup>st</sup> Striker	TES4003
<b>119801</b>	Replaced by 165519	
<b>120529</b>	Full width curtain	TEM1114
<b>121020</b>	Side Marker Lamp	TEL2134
<b>121715</b>	Coil; Combination Flow Valve	TEL2032
<b>122019</b>	Decal; Under no Circumstances	TEM1373
<b>122050</b>	Tie Rod Retaining Pin ( Lower )	TEM1032
<b>122962</b>	Beacon Mounting Bracket	TEM1346
<b>126000</b>	Rave rubber spill sheet	TEM1259/1
<b>126001</b>	Rave rubber clamp strip	TEM1259/2
<b>128162</b>	Proximity Switch Holder	TEL2021
<b>128163</b>	Proximity switch, TDM & PDM; 12mm orange tip	TEL2022
<b>128164</b>	Poximity switch Cable, TDM & PDM; 2m angled	TEL2023
<b>128165</b>	Loom, square Hirschmann, TDM & PDM	TEL2024
<b>128166</b>	Loom, oblong Hirschmann, TDM & PDM	TEL2025
<b>128167</b>	Jumper Loom	TEL2026
<b>128168</b>	replaced by 171014 (TEL2030)	TEL2027 <u>replaced</u>
<b>128169</b>	Stop Loom	TEL2028
<b>128170</b>	RH Steel Cover, TDM, Red	TEM1076
<b>128171</b>	LH Steel Cover, TDM, Red	TEM1075
<b>128219</b>	LH push button station complete, Continental TDM	TEL2325
<b>128244</b>	LH Safety Barrier, tubular steel, <u>folding</u>	TEM1020/folding
<b>128245</b>	RH Safety Barrier, tubular steel, <u>folding</u>	TEM1021/folding
<b>129333</b>	Button box only, LH. 8-hole	TEL2137
<b>129334</b>	Button box only, RH. 6-hole	TEL2085
<b>129341</b>	PROXY SWITCH BRACKET L/H CONTINENTAL	TEM1818

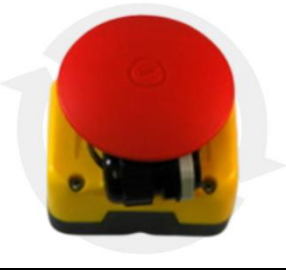



129342	PROXY SWITCH BRACKET R/H CONTINENTAL	TEM1817
129343	Cover plate for R360 & TDM modules	TEM1130
145394	Stop Button Assembly Complete; N/C N/C	TEL2016
145855	Spring Bolt; stainless steel alternative	TEM1034/S
150325	Coil; Bin restraint solenoid valve, Parker	TEL2033
152127	Proximity Switch Loom, 5m angled; TDM & PDM	TEL2029
155548	'D' shaped bottom bump rubber	TEM1056
155728	LH Safety Barrier Bracket, Continental	TEM1919
155729	RH Safety Barrier Arm Bracket, Continental	TEM1920
157920	PIVOT PIN, SAFETY ARM, s/steel	TEM1414
159419	END CAP, guide pole retaining	TEM1316
161039	SPRING, 1ST (PRIMARY) STRIKER, OTTO COMPACT LIFT	TES4046
163867	PUSH BUTTON BOX ASSY, RH; Conti PDM	TEL2260
164054	Safety Arm (shark fin shape), red poly	TEM1036
164055	Angled Bracket to mount 164054	TEM1037
164431	Rod Eye Bearing, RH thread (Tie Rod )	TEM1018
164432	Rod Eye Bearing, LH thread ( Tie Rod )	TEM1019
165008	Loom, OTTO PDM rave prox switch	TEL2204
165009	T-piece connector, OTTO PDM rave	TEL2202
165519	CLAMP BAR L/H CONTINENTAL REPLACES 119801	TEM1784
165550	CLAMP BAR R/H CONTINENTAL REPLACES 119806	TEM1785
165837	SECONDARY AUTO STRIKER L/H TDM	TEM1820
165838	SECONDARY AUTO STRIKER R/H TDM	TEM1821
166630	Lynch pin c/w cable, Otto Compact rave door alt part	TEM1048/1
168643	Coil; Bin restraint solenoid valve, Metal Work	TEL2034
171009	Termination resistor, OTTO PDM	TEL2203
171010	Loom, module 2 to main jct box, Otto PDM	TEL2334
171011	Loom, Module 1 (splitter box) to module 2 Otto PDM	TEL2333
171013	Dual lock prox. cable, Otto PDM	TEL2205
171014	Push Button Box Loom, TDM & PDM	TEL2030
171516	LOOM, Module 3 to PDM unit	TEL2206
172137	Switch assembly, 4 position; bin-restraint, PDM button box	TEL2247
178360	Side Marker Lamp, LED type	TEL2197
183742	Nylon buffer block, faceplate, Otto Compact	TEM1659
183913	Second striker, LH & RH, Otto Compact	TEM1665
183916	Pin, 2nd striker, Otto Compact	TEM1664
183919	Pin, 1st striker, Otto Compact	TEM1662
183920	Retaining plate, 1st striker pin, Otto Compact	TEM1663
187640	Loom, push button station, compact lift	TEL2321
187641	Loom, proximity switch (3 metres) Compact Lift	TEL2322
189266	Bump Stop Face Plate Compact	TEM6047
189282	LOOM, BIN RESTRAINT VALVE, COMPACT LIFT	TEL2351
189283	LOOM, HYDRAULIC VALVES, COMPACT LIFT	TEL2352
189286	Loom, emergency stop & roller limit switch, Compact Lift	TEL2323
189289	Loom, PDM unit to main control box	TEL2353
189321	P/B Stn, Otto Compact, LH & RH	TEL2328
189340	Connector, 8-pin male bulkhead; fitted to Compact P/B box.	TEL2328/1
189341	Connector, 8-pin female bulkhead; fitted to Compact P/B box.	TEL2328/2
189694	VALVE, Bin Restraint, Otto Compact lift	TEV3057



<b>189918</b>	Guide Track (hockey stick) Assy; Otto Compact	TEM1884
<b>189923</b>	SHAFT, Wide Roller, Otto Compact	TEM1560
<b>189926</b>	PIN, cam roller carrier pivot, Otto Compact	TEM1666
<b>189927</b>	Cam Roller Carrier, Otto Compact	TEM1660
<b>189930</b>	CLAMP BAR, LEFT HAND, C/W BUSHES, OTTO COMPACT	TEM1704/LH
<b>189931</b>	CLAMP BAR, RIGHT HAND, C/W BUSHES, OTTO COMPACT	TEM1704/RH
<b>189932</b>	PIN, fits both ends of tie rod, Otto Compact lift	TEM1595
<b>189933</b>	Pin, cam roller, Otto Compact	TEM1661
<b>189940</b>	HOUSING FRAME, Wide Roller, Otto Compact	TEM1561
<b>189941</b>	PIN, clamp bar pivot, Otto Compact	TEM1667
<b>189943</b>	RETAINING RING, FOR SEAL TEM1718, COMPACT LIFT	TEM1720
<b>189944</b>	Bush; Round guide pole/slider unit, Otto Compact	TEM1658
<b>189965</b>	Pear Drop, LH, Otto Compact	TEM1620
<b>189966</b>	Pear Drop, RH, Otto Compact	TEM1621
<b>190058</b>	PIN, S/S, Safety Arm Pivot, Otto Compact	TEM1616
<b>190430</b>	1st Striker, LH, Otto Compact	TEM1685
<b>190431</b>	1st Striker, RH, Otto Compact	TEM1686
<b>190906</b>	SEAL, GUIDE POLE/SLIDER UNIT, COMPACT LIFT	TEM1718
<b>190916</b>	COIL, FOR SOLENOID VALVE 190915, COMPACT LIFT	TEV3063
<b>190918</b>	COIL, FOR SOLENOID VALVE 190917, COMPACT LIFT	TEV3064
<b>190922</b>	COIL, FOR DIRECTIONAL CONTROL VALVE, COMPACT LIFT	TEV3065
<b>191481</b>	PIN, lift cylinder rod eye, Otto Compact	TEM1668
<b>191848</b>	CABLE CHAIN, Otto Compact, 38 links	TEM1577
<b>191881</b>	Bin Restraint Pivot Pin, Otto Compact	TEM1615
<b>218107</b>	Bump stop, rave door	TEM1287
<b>222123</b>	BEADING, (2M), LH & RH REAR COVERS	TEM1800
<b>233415</b>	BUSH, SAFETY ARM PIVOT	TEM1414/1
<b>N/A</b>	Female half of hinge, fitted to cylinder, c/w pin & screws	TEM1074/2
<b>N/A</b>	Male half of hinge, fitted to frame, c/w screws	TEM1074/3

## Switches and Electrical

	TEL2001	Otto stop button assembly N/O N/C (109721)
	TEL2002	Otto knob switch head (111314)



	TEL2003	Otto push button (black) (112333)
	TEL2004	Otto push button (dark blue) (112334)
	TEL2005	Otto push button light blue (112335)
	TEL2006	Otto contact N/O (112344)
	TEL2007	Otto contact (112345)
	TEL2008	Otto contact N/O N/C (112347)



	TEL2009	Otto lamp (green) LED P/B Stn (112358)
	TEL2010	Otto push button (green) (112359)
	TEL2011	Otto 2-position contact assembly (112360)
	TEL2012	Otto push button (grey) (112364)
	TEL2013	Otto push button (yellow) (112365)
	TEL2016	Stop button assembly N/C N/C (145394)





	TEL2016/1	Box only for stop assy's
	TEL2017	Otto loom proximity switch 5m (110538)
	TEL2018	Otto proximity switch (111981)
	TEL2019	Otto loom proxy switch straight end 5m (112193)
	TEL2020	Otto proximity switch (112361)
	TEL2021	Otto holder proxy switch 12mm (128162)



	TEL2022	Otto proximity switch 12mm (128163)
	TEL2023	Otto loom proxy switch (128164)
	TEL2024	Otto loom Hirschmann plug square 750mm (128165)
	TEL2025	Otto loom Hirschmann plug oblong 1190mm (128166)
	TEL2026	Otto loom connector (jumper) (128167)
	TEL2027	Otto loom push button box



	TEL2028	Otto loom emergency stop 5m (128169)
	TEL2029	Otto loom proximity switch 5m (152127)
	TEL2030	Otto loom push button box (171014, 128168)
	TEL2031	Otto rave door switch plunger type (111404)
	TEL2032	Otto coil combination flow valve (121715, 108698)
	TEL2033	Otto coil bin restr valve (150325) Parker









	TEL2034	Otto coil bin restr. Valve (168643) Metalwork
	TEL2044	Otto proxy switch comes with lead NPN N/O (111412)
	TEL2052	Lens (green)
	TEL2077	Otto coil directional control valve (112565)
	TEL2085	Otto 6-hole box only (129334) and (109673)
	TEL2134	Otto side marker lamp (121020)



	<p>TEL2134 /1</p>	<p>2-pin plug (spare) for TEL2134</p>
	<p>TEL2137</p>	<p>Otto 8-hole box only (109666) and (129333)</p>
	<p>TEL2140</p>	<p>Otto blank plug push button box</p>
	<p>TEL2175 /1</p>	<p>Otto harting 16 pin hood comes with clips (110091)</p>
	<p>TEL2175 /2</p>	<p>Otto harting 16 pin surface mount base (109677)</p>
	<p>TEL2175 /3</p>	<p>Otto gland for harting plug (109878)</p>









	<p>TEL2175 /F</p>	<p>Otto harting 16 pin female insert (109678)</p>
	<p>TEL2175 /M</p>	<p>Otto harting 16 pin male insert (109681)</p>
	<p>TEL2180</p>	<p>Led Hersh plug pneu</p>
	<p>TEL2192</p>	<p>Otto prox loom 1 metre (111462)</p>
	<p>TEL2193</p>	<p>Otto plug &amp; internal loom assembly LH P/B box</p>
	<p>TEL2197</p>	<p>Otto side marker lamp LED type (178360)</p>



	TEL2202	Otto T-piece connector PDM rave (165009)
	TEL2203	Otto termination resistor PDM (171009)
	TEL2204	Otto loom PDM rave prox switch (165008)
	TEL2205	Otto dual lock prox cable PDM (171013)
	TEL2206	Otto loom module 3 to PDM unit (171516)
	TEL2222	Otto continental



	TEL2247	Switch assembly 4 position bin-restraint PDM button box
	TEL2260	Otto push button box assembly right hand Conti PDM (163867)
	TEL2321	Loom push button station compact lift (187640)
	TEL2322	Loom proximity switch (3 metres) compact lift (187641)
	TEL2323	Loom emergency stop & roller limit switch compact lift (189286)
	TEL2325	Left-hand push-button station complete continental TDM (128219)





	TEL2328	OTTO P/B Stn compact left hand & right hand (189321)
	TEL2328/1	Connector 8-pin male bulkhead fitted to Compact P/B box (189340)
	TEL2328/2	Connector 8-pin female bulkhead fitted to compact P/B box (189341)
	TEL2333	OTTO loom module 1 (splitter box) to module 2 PDM (171011)
	TEL2334	OTTO loom module 2 to main junction box PDM (171010)
	TEL2351	Loom bun restraint valve compact lift (189282)









	TEL2352	Loom hydraulic valves compact lift (189283)
	TEL2353	Loom PDM unit to main control box (189289)
	TEL2449	LH button box complete, Otto Conti PDM (163866)

## Mechanical

	TEM1001	Otto track roller brg (108291)
	TEM1001 /1	Otto grease adaptor cone (118863)
	TEM1002	Otto rotation shaft bearing (108293)



	<p>TEM1003</p>	<p>Otto rotation shaft bearing (108294)</p>
	<p>TEM1004</p>	<p>Otto bin restraint pivot bush (108310)</p>
	<p>TEM1005</p>	<p>Otto 2<sup>nd</sup> striker pivot bush (108314)</p>
	<p>TEM1006</p>	<p>Otto rave door oilite bush (108370)</p>
	<p>TEM1007</p>	<p>Bin clamp roller bush (108383)</p>
	<p>TEM1008</p>	<p>Otto bin restraint air cylinder pivot bush small (108397)</p>

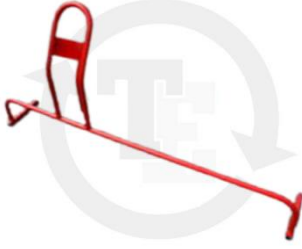







	<p>TEM1009</p>	<p>Otto raise lower cylinder rod eye brg (108783)</p>
	<p>TEM1009 /1</p>	<p>Locking nut for rod eye to cylinder rod</p>
	<p>TEM1010</p>	<p>Otto wide roller bush (109301)</p>
	<p>TEM1011</p>	<p>Otto wide roller thrust washer (109303)</p>
	<p>TEM1012</p>	<p>Otto rotation shaft bearing circlip internal (110238)</p>
	<p>TEM1013</p>	<p>Otto rotation shaft bearing circlip internal (110239)</p>



	<p>TEM1014</p>	<p>Otto bush (114545) Replaced by 108314 (TEM1005)</p>
	<p>TEM1015</p>	<p>Otto clamp bar pivot bush (114560)</p>
	<p>TEM1016</p>	<p>Otto 2<sup>nd</sup> Striker pivot large thrust washer (114564)</p>
	<p>TEM1017</p>	<p>Otto 2<sup>nd</sup> Striker pivot small thrust washer (114565)</p>
	<p>TEM1018</p>	<p>Otto tie rod rod eye Brg right hand thread (164431)</p>
	<p>TEM1019</p>	<p>Otto tie rod rod eye Brg left hand thread (164432)</p>



	TEM1020	Otto safety barrier left hand (109402)
	TEM1020 FOLDING	Otto safety barrier folding left hand (118244)
	TEM1021	Otto safety barrier right hand (109403)
	TEM1021 FOLDING	Otto safety barrier folding right hand (128245)
	TEM1022	Otto pin wide roller (109298)
	TEM1022 /1	Adjuster screw wide roller comes with nut



	<p>TEM1023</p>	<p>Otto roller wide (109300)</p>
	<p>TEM1023 KIT</p>	<p>Wide roller kit roller shaft thrusts adjusters</p>
	<p>TEM1024</p>	<p>Otto pin cylinder rod eye (109368)</p>
	<p>TEM1025</p>	<p>Tie rod assembly (109371)</p>
	<p>TEM1026</p>	<p>Otto pin clamp bar roller (109373)</p>
	<p>TEM1027</p>	<p>Otto roller clamp bar (109376)</p>



	<p>TEM1028</p>	<p>Otto pin cylinder ret upper boss type (111448)</p>
	<p>TEM1029</p>	<p>Otto pin 2nd striker pivot (118535)</p>
	<p>TEM1030</p>	<p>Otto pin primary striker pivot (118532)</p>
	<p>TEM1031</p>	<p>Pin, Clamp Bar pivot (Otto ref. 118797)</p>
	<p>TEM1032</p>	<p>Otto tie rod retaining (122050)</p>
	<p>TEM1033</p>	<p>Otto wear strip square guide pillar (109285)</p>











	<p>TEM1034</p>	<p>Otto spring bolt (112695)</p>
	<p>TEM1034 /S</p>	<p>Otto spring bolt stainless (145855)</p>
	<p>TEM1035</p>	<p>Otto rubber mounting (115008)</p>
	<p>TEM1036</p>	<p>Otto safety arm red poly (164054)</p>
	<p>TEM1037</p>	<p>Otto angled brkt to mount arm TEM1036 (164055)</p>
	<p>TEM1046</p>	<p>Otto nut to fit TEM1001 &amp; TEM1165 (110551)</p>



	<p>TEM1048</p>	<p>Otto anti luce fastener M12 (115934)</p>
	<p>TEM1048 /1</p>	<p>Otto lynch pin comes with cable compact rave door alt part (166630)</p>
	<p>TEM1048 /3</p>	<p>Otto boss rave door retaining toggle clip (PT NO T.B.A.)</p>
	<p>TEM1056</p>	<p>Bump rubber bottom d sect black (155548)</p>
	<p>TEM1074</p>	<p>Otto air cylinder bin restr (108181)</p>
	<p>TEM1074 /1</p>	<p>Otto clevis fits rod on cylinder TEM1074 (108276)</p>



	<p>TEM1074 /2</p>	<p>Female hinge section for TEM1074</p>
	<p>TEM1074 /3</p>	<p>Male hinge section for TEM1074/2</p>
	<p>TEM1075</p>	<p>Left hand steel cover TDM red (128171)</p>
	<p>TEM1076</p>	<p>Right hand steel cover TDM red (128170)</p>
	<p>TEM1083</p>	<p>Otto bump stop rubber bin restraint (108554)</p>
	<p>TEM1087</p>	<p>Bush guide pole/slider (109120)</p>



	<p>TEM1087 /1</p>	<p>Bush guide pole/ slider unit +1.0mm off side (109120)</p>
	<p>TEM1088</p>	<p>Guide track (Hockey stick) (109215)</p>
	<p>TEM1088 /1</p>	<p>Guide track (Hockey stick) mounting bracket (109262)</p>
	<p>TEM1114</p>	<p>Otto full width curtain (120529)</p>
	<p>TEM1114 /1</p>	<p>Rod for full width curtain TEM1114</p>
	<p>TEM1114 /2</p>	<p>Clamp for curtain pole</p>



	<p>TEM1115</p>	<p>Otto dual lock handle (109255)</p>
	<p>TEM1116</p>	<p>Otto bump rubber retaining strip (109325)</p>
	<p>TEM1130</p>	<p>Otto R360 &amp; TDM modules Cover plate (129343)</p>
	<p>TEM1142</p>	<p>Otto cable (drag) chain (111557)</p>
	<p>TEM1242</p>	<p>Otto seal slider unit (109314)</p>
	<p>TEM1245</p>	<p>Otto bin restraint (109766)</p>






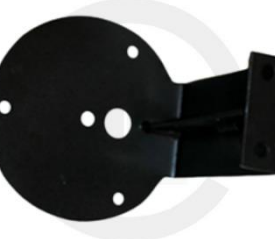


	<p>TEM1245 /1</p>	<p>Otto pin bin restraint pivot (108758)</p>
	<p>TEM1259</p>	<p>Otto rave door (109399)</p>
	<p>TEM1259 /1</p>	<p>Otto rubber spill sheet rave (126000)</p>
	<p>TEM1259 /2</p>	<p>Otto spill sheet clamp strip (126001)</p>
	<p>TEM1259 /3</p>	<p>Bolt, nut &amp; washer (For TEM1259/1)</p>
	<p>TEM1270</p>	<p>1<sup>st</sup> striker left hand (118528)</p>









	TEM1271	1 <sup>st</sup> striker right hand (118530)
	TEM1272	2 <sup>nd</sup> striker left hand (118533)
	TEM1273	2 <sup>nd</sup> striker right hand (118534)
	TEM1287	Bump stop rave door (218107)
	TEM1288	Hinge pin only (for Otto panels TEM1075 & 1076)
	TEM1289	Carrier frame wide roller (109302)



	<p>TEM1290</p>	<p>Cam roller carrier (109375)</p>
	<p>TEM1290 /1</p>	<p>Lock plate cam roller carrier (109372)</p>
	<p>TEM1294</p>	<p>Otto angled support bracket hockey stick (118627)</p>
	<p>TEM1295</p>	<p>Otto angled support bracket hockey stick (118628)</p>
	<p>TEM1316</p>	<p>Otto end cap guide pole retaining (159419/114375)</p>
	<p>TEM1346</p>	<p>Otto beacon mounting bracket misc (122962)</p>





 <p><b>DANGER</b> Stand clear whilst in operation</p> <p>Ref No: N-11</p>	TEM1366	Otto decal "danger stand clear in operation" (108107)
 <p><b>DANGER</b> Stand clear when container is off ground</p> <p>Ref No: N-9</p>	TEM1367	Otto decal "danger stand clear when container is off ground" (108108)
 <p><b>Emergency press to stop</b></p> <p>Ref No: N-14</p>	TEM1368	Otto decal "emergency stop" (108111)
 <p><b>MAX LIFTING CAPACITY</b> <b>DUAL: 500 Kgs</b> <b>SINGLE: 250 Kgs</b></p> <p>Ref No: N-22</p>	TEM1369	Otto decal SWL "max capacity" (108116)
 <p><b>IMPORTANT</b> Locate 2-wheeled bins hard against outer bin guide on comb</p> <p>Ref No: N-31</p>	TEM1370	Otto decal "important locate 2 wheeled" (108115)
 <p><b>DUAL CONTROL OPERATION</b> <b>THIS SIDE ONLY</b></p> <p>Ref No: N-30</p>	TEM1371	Otto decal "dual control operation" (108097)



	TEM1372	Otto decal "responsibility of operator" (108103)
	TEM1373	Otto Decal "under no circumstances" (122019)
	TEM1374	Otto decal "auto cycle interrupt" (108099)
	TEM1375	Decal "hoist must be lowered" (108100)
	TEM1414	Otto pivot pin safety arm s/steel (157920)
	TEM1414 /1	Otto bush safety arm pivot (233415)



	<p>TEM1559</p>	<p>Otto compact wide roller comes with bush</p>
	<p>TEM1560</p>	<p>Otto compact shaft wide roller compact (189923)</p>
	<p>TEM1561</p>	<p>Otto compact housing frame wide roller (189940)</p>
	<p>TEM1577</p>	<p>Otto compact cable chain 38 links (191848)</p>
	<p>TEM1592</p>	<p>Otto Conti round guide pole evolution classic (109754)</p>
	<p>TEM1595</p>	<p>Otto compact pin fits both end of tie rod (189932)</p>



	<p>TEM1608</p>	<p>Otto compact bush 1st Striker (108367)</p>
	<p>TEM1609</p>	<p>Otto compact bush 2<sup>nd</sup> striker (108353)</p>
	<p>TEM1615</p>	<p>Otto Compact bin restraint pivot pin (191881)</p>
	<p>TEM1616</p>	<p>Otto compact pin s/s safety arm pivot (190058)</p>
	<p>TEM1619</p>	<p>Otto compact washer pear drop securing (189967)</p>
	<p>TEM1620</p>	<p>Otto Compact pear drop left hand (189965)</p>




	<p>TEM1621</p>	<p>Otto Compact pear drop right hand (189966)</p>
	<p>TEM1657</p>	<p>Otto Conti, washer retains pear drop, Evo, Classic (118795)</p>
	<p>TEM1658</p>	<p>Otto compact bush round guide pole/slider unit (189944)</p>
	<p>TEM1659</p>	<p>Otto Compact nylon buffer block faceplate (183742)</p>
	<p>TEM1660</p>	<p>Otto Compact cam roller carrier (189927)</p>
	<p>TEM1661</p>	<p>Otto Compact pin cam roller (189933)</p>




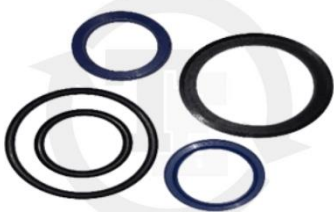




	TEM1662	Otto Compact pin 1st striker (183919)
	TEM1663	Otto Compact retaining plate 1st striker pin (183920)
	TEM1664	Otto Compact pin 2nd striker (183916)
	TEM1665	Otto Compact second striker left hand & right hand (183913)
	TEM1666	Otto Compact pin cam roller carrier pivot (189926)
	TEM1667	Otto Compact pin clamp bar pivot (189941)




	TEM1668	Otto Compact pin lift cylinder rod eye (191481)
	TEM1685	Otto Compact 1st Striker right hand (190431)
	TEM1686	Primary (1st) Striker right hand compact lift (109431)
	TEM1704 /LH	Otto compact clamp bar left hand comes with bushes (189930)
	TEM1704 /RH	Otto compact clamp bar right hand comes with bushes (189931)
	TEM1718	Seal gause pole/ slider unit compact lift (190906)









	<p>TEM1720</p>	<p>Retaining ring for seal TEM1718 compact lift (189943)</p>
	<p>TEM1784</p>	<p>Clamp bar left hand continental (165519) REPLACES 119801</p>
	<p>TEM1785</p>	<p>Clamp bar right hand continental (165550) REPLACES 119806</p>
	<p>TEM1796</p>	<p>Seal kit raise/lower cylinder 109205 (109208)</p>
	<p>TEM1800</p>	<p>Beading (2M) left hand &amp; right-hand rear covers (222123)</p>
	<p>TEM1817</p>	<p>Proxy switch bracket right hand continental (129342)</p>






	TEM1818	Proxy switch bracket left hand continental (129341)
	TEM1820	Secondary auto striker left hand TDM (165837)
	TEM1821	Secondary auto striker right hand TDM (165838)
	TEM1824	Double pipe clam [ retains hydraulic pipes (110236)
	TEM1852	Decal left side of near side push button box Conti PDM
	TEM1853	Decal right side of near side push button box Conti PDM



	<p>TEM1853</p>	<p>Decal left side of off side push button box Conti PDM</p>
	<p>TEM1855</p>	<p>Decal right side of off side push button box Conti PDM (Supplied in one strip)</p>
	<p>TEM1884</p>	<p>Otto Compact guide track (hockey stick) assembly (189918)</p>
	<p>TEM1919</p>	<p>Continental left-hand safety barrier bracket (155728)</p>
	<p>TEM1920</p>	<p>Continental right hand safety barrier arm bracket (155729)</p>
	<p>TEM6047</p>	<p>Bump stop face plate compact (189266)</p>



## Springs

	TES4001	Otto spring clamp bar (108499)
	TES4002	Otto spring 2nd striker (108502)
	TES4003	Otto spring 1st striker (118908)
	TES4025	Otto spring dual lock (108511)
	TES4046	Otto compact spring 1 <sup>st</sup> (PRIMARY) striker compact lift (161039)



## Valves

	TEV3002	Otto 5-port bin restraint valve (112180)
	TEV3002 /1	Otto exhaust silencer 1/4 BSP (112183)
	TEV3003	1/4" BSP x 6mm SWIVEL ELBOW Otto 112181
	TEV3004	Otto 1/4" BSP x 6mm straight (110024)
	TEV3022	Otto D.C.V. valve (112196)
	TEV3037	Otto dual flow regulator (109982)




	<p>TEV3044</p>	<p>Otto air regulator valve 1/4" (115926)</p>
	<p>TEV3057</p>	<p>Otto compact lift valve bin restraint (189694)</p>
	<p>TEV3063</p>	<p>Coil for solenoid valve 190915 compact lift (190916)</p>
	<p>TEV3064</p>	<p>Coil for solenoid valve 190917 compact lift (190918)</p>
	<p>TEV3065</p>	<p>Coil for directional control valve compact lift (190922)</p>



## Fixings and Fastening

	TEX5003	Otto M4x16 cap head screw z/p (109956)
	TEX5006	Tie rod only 75mm o/all left hand & right-hand thread comes with thin n
	TEX5007	M12 Thin nut

## Specials

	TEZ9040	Otto seal kit combination flow valve solenoid cartridge
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