

# The LEGO® MINDSTORMS® EV3 Idea Book

## Additional Parts Needed with Education Edition

Nov. 20, 2014 Yoshihito Isogawa

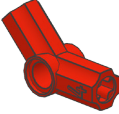
The LEGO MINDSTORMS EV3 Idea Book allows you to build all models in this book if you have a set of the LEGO MINDSTORMS EV3 Home Edition (#31313). Meanwhile, if you have the Education Edition (Core Set #45544 and Expansion Set #45560), please refer to this list and check which models you can build with your EV3. It assumes that the same shape parts are the same even if their colors are different.

✓ : You can build it      ✗ : Additional parts required or a little ingenuity needed



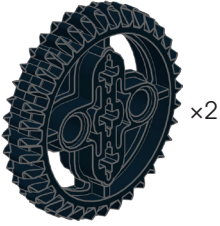


The LEGO MINDSTORMS EV3 Idea Book は、1 セットの玩具版 MINDSTORMS EV3 (31313) があれば、掲載されたすべてのモデルが作れる – という本です。このリストは、教育版 MINDSTORMS EV3 の基本セットと拡張セット (45544+45560) をお持ちの方が、どのモデルを作ることができるかを調べたものです。もちろん、同じ形であれば色が違っていても同じ部品と見なします。

✓ : 製作可能      ✗ : 追加のパーツが必要、もしくは少し工夫が必要

Model#	Additional Parts Needed / Comments
モデル番号	追加パーツ / 補足
1	✓
2	✓
3	✓
4	✓
5	✓
6	✓
7	✓
8	✓
9	✓
10	✓
11	✓
12	✓
13	✓
14	✓
15	✓
16	✓
17	✓
18	✓
19	✓
20	✓


Model#	Additional Parts Needed / Comments
モデル番号	追加パーツ / 補足
21	✓
22	✓
23	✓
24	✓
25	✓
26	✓
27	✓
28	✓
29	✓
30	✓
31	✓
32	✓
33	✓
34	✓
35	✓
36	✓
37	✓
38	✗ 
39	✓

Model#	Additional Parts Needed / Comments
モデル番号	追加パーツ / 補足
40	✓
41	✓
42	✓
43	✓
44	✓
45	✓
46	✓
47	✓
48	✓
49	✓
50	✓
51	✓
52	✓
53	✓
54	✓
55	✓
56	✓
57	✓
58	✓
59	✓
60	✓
61	✓
62	✓
63	✓
64	✓
65	✓
66	✓
67	✓
68	✓
69	✓
70	✓
71	✓
72	✓
73	✓
74	✓
75	✓

Model#	Additional Parts Needed / Comments
モデル番号	追加パーツ / 補足
76	✓
77	✓
78	✓
79	✓
80	✓
81	✓
82	✓
83	✓
84	✓
85	✓
86	✓
87	✗ 
88	✗ 
89	✗  x2
90	✓
91	✗ 
92	✓
93	✓
94	✓
95	✗ 
96	✓

Model#	Additional Parts Needed / Comments
モデル番号	追加パーツ / 補足
97	✓
98	✓
99	✓
100	✓
101	✓
102	✓
103	✓
104	✓
105	✓
106	✓
107	✓
108	✓
109	✓
110	✓

111	✗ 
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112	✗  x2
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113	✓
-----	---

114	✓
-----	---

115	✗  x2
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116	✗ 
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Model#	Additional Parts Needed / Comments
モデル番号	追加パーツ / 補足
117	✗  x2
	
118	✗  x2
	

119	✗ 
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120	✓
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121	✓
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122	✗  x2
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123	✗  x2
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Need to use AA batteries 乾電池を使用

124	✗  x2
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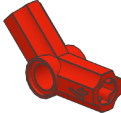

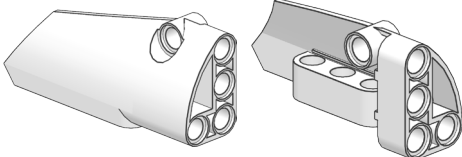
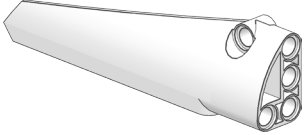
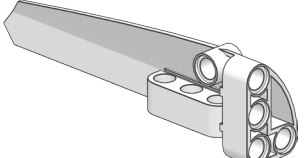
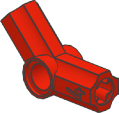
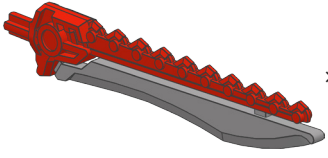

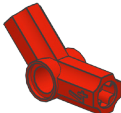
Need to use AA batteries 乾電池を使用

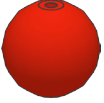
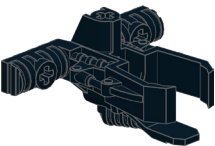
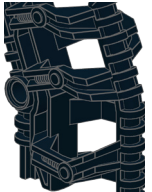

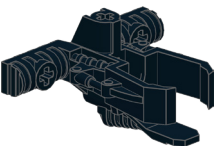
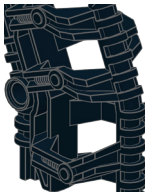



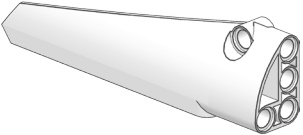

125	✓
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Need to use AA batteries 乾電池を使用

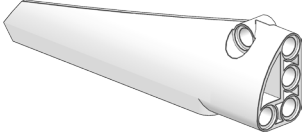
126	✗  x2
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Need to use AA batteries 乾電池を使用

Model#	Additional Parts Needed / Comments	
モデル番号	追加パーツ / 補足	
127	×	 x2 Need to use AA batteries 乾電池を使用
128	×	 Need to use AA batteries 乾電池を使用
129	×	 No effect on the movement 動作に影響なし
130	×	   x2 No effect on the movement 動作に影響なし
131	✓	
132	×	 x2 No effect on the movement 動作に影響なし
133	×	 x2 No effect on the movement 動作に影響なし
134	×	 x2 No effect on the movement 動作に影響なし
135	✓	
136	✓	
137	✓	
138	✓	

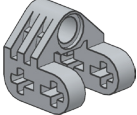
Model#	Additional Parts Needed / Comments	
モデル番号	追加パーツ / 補足	
139	✓	
140	✓	
141	✓	
142	✓	
143	×	 x3  
144	×	 x3  
145	✓	
146	×	  x2
147	×	
148	✓	
149	✓	
150	✓	
151	✓	
152	✓	
153	×	 x2 

Model#	Additional Parts Needed / Comments
モデル番号	追加パーツ / 補足

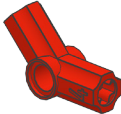

154	✗  x2
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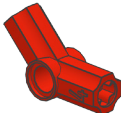

	
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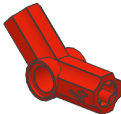
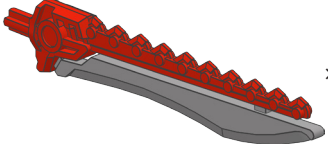
155	✓
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156	✗ 
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157	✓
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158	✗  x2  x2
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159	✗  x4  x2
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160	✗  x2  x2
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No effect on the movement 動作に影響なし

161	✓
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162	✓
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163	✓
-----	---

164	✓
-----	---

165	✓
-----	---


166	✓
-----	---

167	✓
-----	---

168	✓
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169	✓
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Model#	Additional Parts Needed / Comments
モデル番号	追加パーツ / 補足

170	✗  x4 No effect on the movement 動作に影響なし
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171	✓
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172	✓
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173	✓
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174	✓
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175	✗  The black part required 黒色のものが必要
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176	✓
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177	✓
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178	✓
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179	✓
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180	✓
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181	✓
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Please refer to the following site for each part number.  
 パーツナンバーについては以下のサイトを参考にしてください。  
<http://www.bricklink.com/catalogItemInv.asp?S=31313-1>