

# VEHICLE LEVEL BREAKDOWNS

Created by Ptels

## Carriage



## VEHICLE UPGRADE – CARRIAGE

CARRIAGE								
Level	Body		Exterior					
	Cooper	Gathering Speed	Iron	Attack	Iron	Defense	Iron	Health
1	-	+2%	-	+1.5%	-	+1.5%	-	+1.5%
2	50	+2.3%	25	+1.8%	25	+1.8%	25	+1.8%
3	51	+2.7%	26	+2.1%	26	+2.1%	26	+2.1%
4	53	+3.1%	27	+2.4%	27	+2.4%	27	+2.4%
5	55	+3.6%	28	+2.7%	28	+2.7%	28	+2.7%
6	58	+4.1%	29	+3.1%	29	+3.1%	29	+3.1%
7	61	+4.7%	31	+3.6%	31	+3.6%	31	+3.6%
8	65	+5.4%	33	+4.1%	33	+4.1%	33	+4.1%
9	69	+6.1%	35	+4.6%	35	+4.6%	35	+4.6%
10	74	+6.9%	37	+5.2%	37	+5.2%	37	+5.2%
11	79	+7.7%	40	+5.8%	40	+5.8%	40	+5.8%
12	85	+8.6%	43	+6.5%	43	+6.5%	43	+6.5%
13	91	+9.5%	46	+7.2%	46	+7.2%	46	+7.2%
14	98	+10.6%	49	+7.9%	49	+7.9%	49	+7.9%
15	105	+11.6%	53	+8.7%	53	+8.7%	53	+8.7%
16	113	+12.8%	57	+9.6%	57	+9.6%	57	+9.6%
17	121	+13.9%	61	+10.5%	61	+10.5%	61	+10.5%
18	130	+15.1%	65	+11.4%	65	+11.4%	65	+11.4%
19	139	+16.4%	70	+12.3%	70	+12.3%	70	+12.3%
20	149	+17.6%	75	+13.2%	75	+13.2%	75	+13.2%
21	159	+18.9%	80	+14.2%	80	+14.2%	80	+14.2%
22	171	+20.1%	87	+15.1%	87	+15.1%	87	+15.1%
23	185	+21.4%	97	+16.1%	97	+16.1%	97	+16.1%
24	201	+23.8%	110	+17%	110	+17%	110	+17%
25	219	+23.8%	125	+17.8%	125	+17.8%	125	+17.8%

version 3.14.0  
Information displayed here maybe  
subject to change in future updates

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CARRIAGE								
Level	Body		Exterior					
	Cooper	Gathering Speed	Iron	Attack	Iron	Defense	Iron	Health
26	239	+24.9%	142	+18.7%	142	+18.7%	142	+18.7%
27	261	+26%	162	+19.5%	162	+19.5%	162	+19.5%
28	285	+27.2%	185	+20.4%	185	+20.4%	185	+20.4%
29	311	+28.3%	210	+21.2%	210	+21.2%	210	+21.2%
30	339	+29.5%	237	+22.1%	237	+22.1%	237	+22.1%
31	369	+30.7%	267	+23%	267	+23%	267	+23%
32	401	+32%	300	+24%	300	+24%	300	+24%
33	435	+33.3%	335	+25%	335	+25%	335	+25%
34	471	+34.7%	372	+26%	372	+26%	372	+26%
35	509	+36.1%	412	+27.1%	412	+27.1%	412	+27.1%
36	549	+37.6%	455	+28.3%	455	+28.3%	455	+28.3%
37	591	+39.2%	500	+29.4%	500	+29.4%	500	+29.4%
38	635	+40.9%	547	+30.7%	547	+30.7%	547	+30.7%
39	681	+42.6%	597	+31.9%	597	+31.9%	597	+31.9%
40	729	+44.3%	650	+33.3%	650	+33.3%	650	+33.3%
41	779	+46.2%	705	+34.7%	705	+34.7%	705	+34.7%
42	831	+48.1%	762	+36.1%	762	+36.1%	762	+36.1%
43	885	+50.1%	822	+37.6%	822	+37.6%	822	+37.6%
44	941	+52.2%	885	+39.2%	885	+39.2%	885	+39.2%
45	999	+54.4%	950	+40.8%	950	+40.8%	950	+40.8%
46	1059	+56.6%	1017	+42.5%	1017	+42.5%	1017	+42.5%
47	1121	+59%	1087	+44.3%	1087	+44.3%	1087	+44.3%
48	1185	+61.4%	1160	+46.1%	1160	+46.1%	1160	+46.1%
49	1251	+64%	1235	+48%	1235	+48%	1235	+48%
50	1319	+66.7%	1312	+50%	1312	+50%	1312	+50%

Total Cooper: 19756

Total Iron: 49905

Bus





# VEHICLE UPGRADE – BUS

BUS										
	Body		Exterior						Performance	
Level	Cooper	Decrease Construction Cost	Iron	Attack	Iron	Defense	Iron	Health	Steel	Damage Taken
1	-	+0.4%	-	+3%	-	+3%	-	+3%	-	-0.3%
2	100	+0.47%	50	+3.5%	50	+3.5%	50	+3.5%	80	-0.35%
3	102	+0.54%	51	+4.1%	51	+4.1%	51	+4.1%	82	-0.41%
4	106	+0.63%	53	+4.7%	53	+4.7%	53	+4.7%	86	-0.47%
5	110	0.72%	55	+5.4%	55	+5.4%	55	+5.4%	90	-0.54%
6	116	+0.83%	58	+6.2%	58	+6.2%	58	+6.2%	96	-0.62%
7	122	+0.95%	61	+7.1%	61	+7.1%	61	+7.1%	102	-0.71%
8	130	+1.07%	65	+8.1%	65	+8.1%	65	+8.1%	110	-0.81%
9	138	+1.22%	69	+9.1%	69	+9.1%	69	+9.1%	118	-0.91%
10	148	+1.37%	74	+10.3%	74	+10.3%	74	+10.3%	128	-1.03%
11	158	+1.54%	79	+11.5%	79	+11.5%	79	+11.5%	138	-1.15%
12	170	+1.72%	85	+12.9%	85	+12.9%	85	+12.9%	150	-1.29%
13	182	+1.91%	91	+14.3%	91	+14.3%	91	+14.3%	162	-1.43%
14	196	+2.11%	98	+15.8%	98	+15.8%	98	+15.8%	176	-1.58%
15	210	+2.33%	105	+17.4%	105	+17.4%	105	+17.4%	190	-1.74%
16	226	+2.55%	113	+19.1%	113	+19.1%	113	+19.1%	206	-1.91%
17	242	+2.78%	121	+20.9%	121	+20.9%	121	+20.9%	222	-2.09%
18	260	+3.03%	130	+22.7%	130	+22.7%	130	+22.7%	240	-2.27%
19	278	+3.27%	139	+24.5%	139	+24.5%	139	+24.5%	258	-2.45%
20	298	+3.52%	149	+26.4%	149	+26.4%	149	+26.4%	278	-2.64%
21	318	+3.78%	159	+28.3%	159	+28.3%	159	+28.3%	298	-2.83%
22	342	+4.03%	174	+30.2%	174	+30.2%	174	+30.2%	328	-3.02%
23	370	+4.28%	194	+32.1%	194	+32.1%	194	+32.1%	368	-3.21%
24	402	+4.52%	219	+33.9%	219	+33.9%	219	+33.9%	418	-3.39%
25	438	+4.75%	249	+35.6%	249	+35.6%	249	+35.6%	478	-3.56%
26	478	+4.97%	284	+37.3%	284	+37.3%	284	+37.3%	548	-3.73%
27	522	+5.2%	324	+39%	324	+39%	324	+39%	628	-3.9%
28	570	+5.43%	369	+40.7%	369	+40.7%	369	+40.7%	718	-4.07%
29	622	+5.66%	419	+42.4%	419	+42.4%	419	+42.4%	818	-4.24%
30	678	+5.89%	474	+44.2%	474	+44.2%	474	+44.2%	928	-4.42%
31	738	+6.14%	534	+46%	534	+46%	534	+46%	1048	-4.6%
32	802	+6.4%	599	+48%	599	+48%	599	+48%	1178	-4.8%
33	870	+6.66%	669	+50%	669	+50%	669	+50%	1318	-5%
34	942	+6.94%	744	+52%	744	+52%	744	+52%	1468	-5.2%
35	1018	+7.23%	824	+54.2%	824	+54.2%	824	+54.2%	1628	-5.42%
36	1098	+7.53%	909	+56.5%	909	+56.5%	909	+56.5%	1798	-5.65%
37	1182	+7.84%	999	+58.8%	999	+58.8%	999	+58.8%	1978	-5.88%
38	1270	+8.17%	1094	+61.3%	1094	+61.3%	1094	+61.3%	2168	-6.13%
39	1362	+8.51%	1194	+63.8%	1194	+63.8%	1194	+63.8%	2368	-6.38%
40	1458	+8.87%	1299	+66.5%	1299	+66.5%	1299	+66.5%	2578	-6.65%
41	1558	+9.23%	1409	+69.3%	1409	+69.3%	1409	+69.3%	2798	-6.93%
42	1662	+9.62%	1524	+72.1%	1524	+72.1%	1524	+72.1%	3028	-7.21%
43	1770	+10.02%	1664	+75.2%	1664	+75.2%	1664	+75.2%	3268	-7.52%
44	1882	+10.44%	1769	+78.3%	1769	+78.3%	1769	+78.3%	3518	-7.83%
45	1998	+10.87%	1899	+81.5%	1899	+81.5%	1899	+81.5%	3778	-8.15%
46	2118	+11.33%	2034	+84.9%	2034	+84.9%	2034	+84.9%	4048	-8.49%
47	2242	+11.8%	2174	+88.5%	2174	+88.5%	2174	+88.5%	4328	-8.85%
48	2370	+12.29%	2319	+92.2%	2319	+92.2%	2319	+92.2%	4618	-9.22%
49	2502	+12.8%	2469	+96%	2469	+96%	2469	+96%	4918	-9.6%
50	2638	+13.33%	2624	+100%	2624	+100%	2624	+100%	5228	-10%

Total Cooper: 39512

Total Iron: 99783

Total Steel: 65502

version 3.14.0  
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RV



# VEHICLE UPGRADE – RV

RV										
	Body		Exterior						Performance	
Level	Cooper	Decrease Research Cost	Iron	Attack	Iron	Defense	Iron	Health	Steel	Damage Dealt
1	-	+0.4%	-	+3%	-	+3%	-	+3%	-	+0.3%
2	100	+0.47%	50	+3.5%	50	+3.5%	50	+3.5%	80	+0.35%
3	102	+0.54%	51	+4.1%	51	+4.1%	51	+4.1%	82	+0.41%
4	106	+0.63%	53	+4.7%	53	+4.7%	53	+4.7%	86	+0.47%
5	110	0.72%	55	+5.4%	55	+5.4%	55	+5.4%	90	+0.54%
6	116	+0.83%	58	+6.2%	58	+6.2%	58	+6.2%	96	+0.62%
7	122	+0.95%	61	+7.1%	61	+7.1%	61	+7.1%	102	+0.71%
8	130	+1.07%	65	+8.1%	65	+8.1%	65	+8.1%	110	+0.81%
9	138	+1.22%	69	+9.1%	69	+9.1%	69	+9.1%	118	+0.91%
10	148	+1.37%	74	+10.3%	74	+10.3%	74	+10.3%	128	+1.03%
11	158	+1.54%	79	+11.5%	79	+11.5%	79	+11.5%	138	+1.15%
12	170	+1.72%	85	+12.9%	85	+12.9%	85	+12.9%	150	+1.29%
13	182	+1.91%	91	+14.3%	91	+14.3%	91	+14.3%	162	+1.43%
14	196	+2.11%	98	+15.8%	98	+15.8%	98	+15.8%	176	+1.58%
15	210	+2.33%	105	+17.4%	105	+17.4%	105	+17.4%	190	+1.74%
16	226	+2.55%	113	+19.1%	113	+19.1%	113	+19.1%	206	+1.91%
17	242	+2.78%	121	+20.9%	121	+20.9%	121	+20.9%	222	+2.09%
18	260	+3.03%	130	+22.7%	130	+22.7%	130	+22.7%	240	+2.27%
19	278	+3.27%	139	+24.5%	139	+24.5%	139	+24.5%	258	+2.45%
20	298	+3.52%	149	+26.4%	149	+26.4%	149	+26.4%	278	+2.64%
21	318	+3.78%	159	+28.3%	159	+28.3%	159	+28.3%	298	+2.83%
22	342	+4.03%	174	+30.2%	174	+30.2%	174	+30.2%	328	+3.02%
23	370	+4.28%	194	+32.1%	194	+32.1%	194	+32.1%	368	+3.21%
24	402	+4.52%	219	+33.9%	219	+33.9%	219	+33.9%	418	+3.39%
25	438	+4.75%	249	+35.6%	249	+35.6%	249	+35.6%	478	+3.56%
26	478	+4.97%	284	+37.3%	284	+37.3%	284	+37.3%	548	+3.73%
27	522	+5.2%	324	+39%	324	+39%	324	+39%	628	+3.9%
28	570	+5.43%	369	+40.7%	369	+40.7%	369	+40.7%	718	+4.07%
29	622	+5.66%	419	+42.4%	419	+42.4%	419	+42.4%	818	+4.24%
30	678	+5.89%	474	+44.2%	474	+44.2%	474	+44.2%	928	+4.42%
31	738	+6.14%	534	+46%	534	+46%	534	+46%	1048	+4.6%
32	802	+6.4%	599	+48%	599	+48%	599	+48%	1178	+4.8%
33	870	+6.66%	669	+50%	669	+50%	669	+50%	1318	+5%
34	942	+6.94%	744	+52%	744	+52%	744	+52%	1468	+5.2%
35	1018	+7.23%	824	+54.2%	824	+54.2%	824	+54.2%	1628	+5.42%
36	1098	+7.53%	909	+56.5%	909	+56.5%	909	+56.5%	1798	+5.65%
37	1182	+7.84%	999	+58.8%	999	+58.8%	999	+58.8%	1978	+5.88%
38	1270	+8.17%	1094	+61.3%	1094	+61.3%	1094	+61.3%	2168	+6.13%
39	1362	+8.51%	1194	+63.8%	1194	+63.8%	1194	+63.8%	2368	+6.38%
40	1458	+8.87%	1299	+66.5%	1299	+66.5%	1299	+66.5%	2578	+6.65%
41	1558	+9.23%	1409	+69.3%	1409	+69.3%	1409	+69.3%	2798	+6.93%
42	1662	+9.62%	1524	+72.1%	1524	+72.1%	1524	+72.1%	3028	+7.21%
43	1770	+10.02%	1664	+75.2%	1664	+75.2%	1664	+75.2%	3268	+7.52%
44	1882	+10.44%	1769	+78.3%	1769	+78.3%	1769	+78.3%	3518	+7.83%
45	1998	+10.87%	1899	+81.5%	1899	+81.5%	1899	+81.5%	3778	+8.15%
46	2118	+11.33%	2034	+84.9%	2034	+84.9%	2034	+84.9%	4048	+8.49%
47	2242	+11.8%	2174	+88.5%	2174	+88.5%	2174	+88.5%	4328	+8.85%
48	2370	+12.29%	2319	+92.2%	2319	+92.2%	2319	+92.2%	4618	+9.22%
49	2502	+12.8%	2469	+96%	2469	+96%	2469	+96%	4918	+9.6%
50	2638	+13.33%	2624	+100%	2624	+100%	2624	+100%	5228	+10%

Total Cooper: 39512

Total Iron: 99783

Total Steel: 65502

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Correct as of 3.12.0