# Overview of the states in MECCANO-PSR

The binary code refer to whether a part is correctly located. The index of the code refers to these parts:
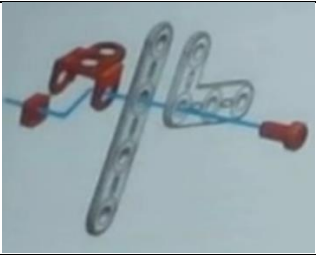
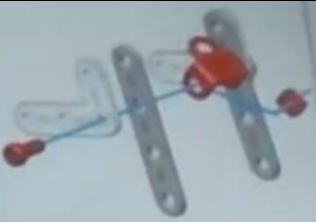0. Left damping fork
1. Right damping fork
2. Left rear chassis
3. Right rear chassis
4. Left frame
5. Right frame
6. Left tail wing
7. Right tail wing
8. Headlamp
9. Left Handle
10. Right handle
11. Front wheel
12. Rear wheel
13. Swingarm
14. Fuel tank
15. Tail wings pin
16. Drive shaft

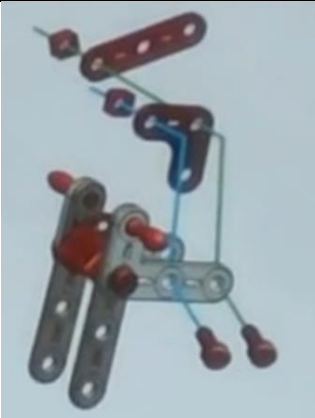Orientations are defined from rider

Right   Left

(9) Left /(10) Right handles
(8) Headlamp
(0) Left /(1) Right damping forks
(11) Front wheel

(14) Fuel tank
(15) Tail wings pin
(6) Left /(7) Right tail wings
(13) Swingarm
(12) Rear wheel
(16) Drive shaft

(2)Left / (3) Right rear chassis   (4)Left / (5) Right frame
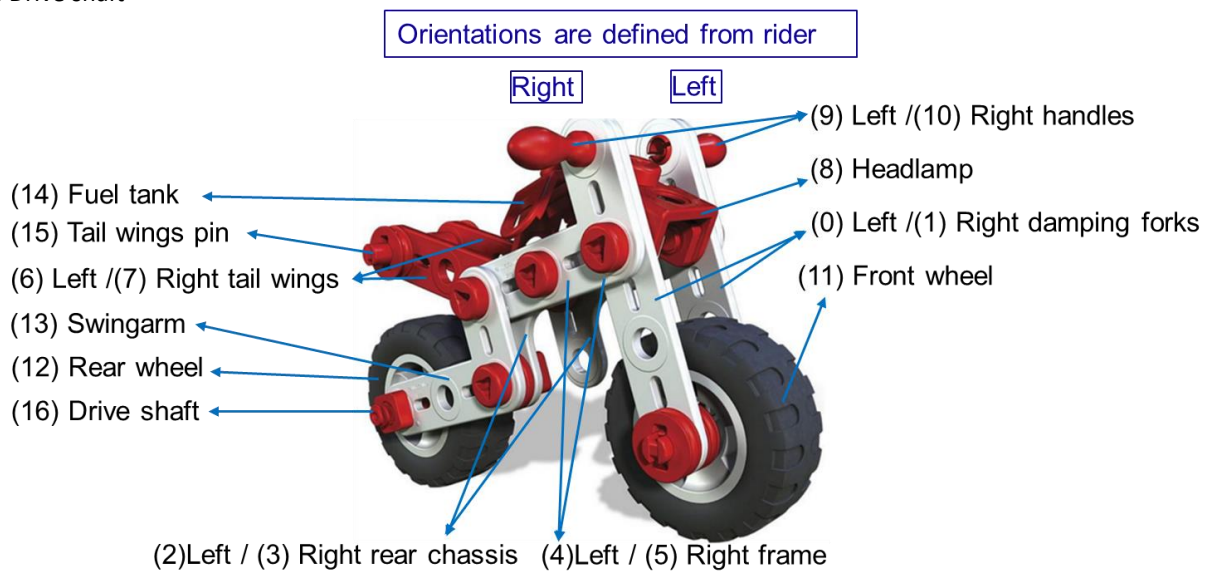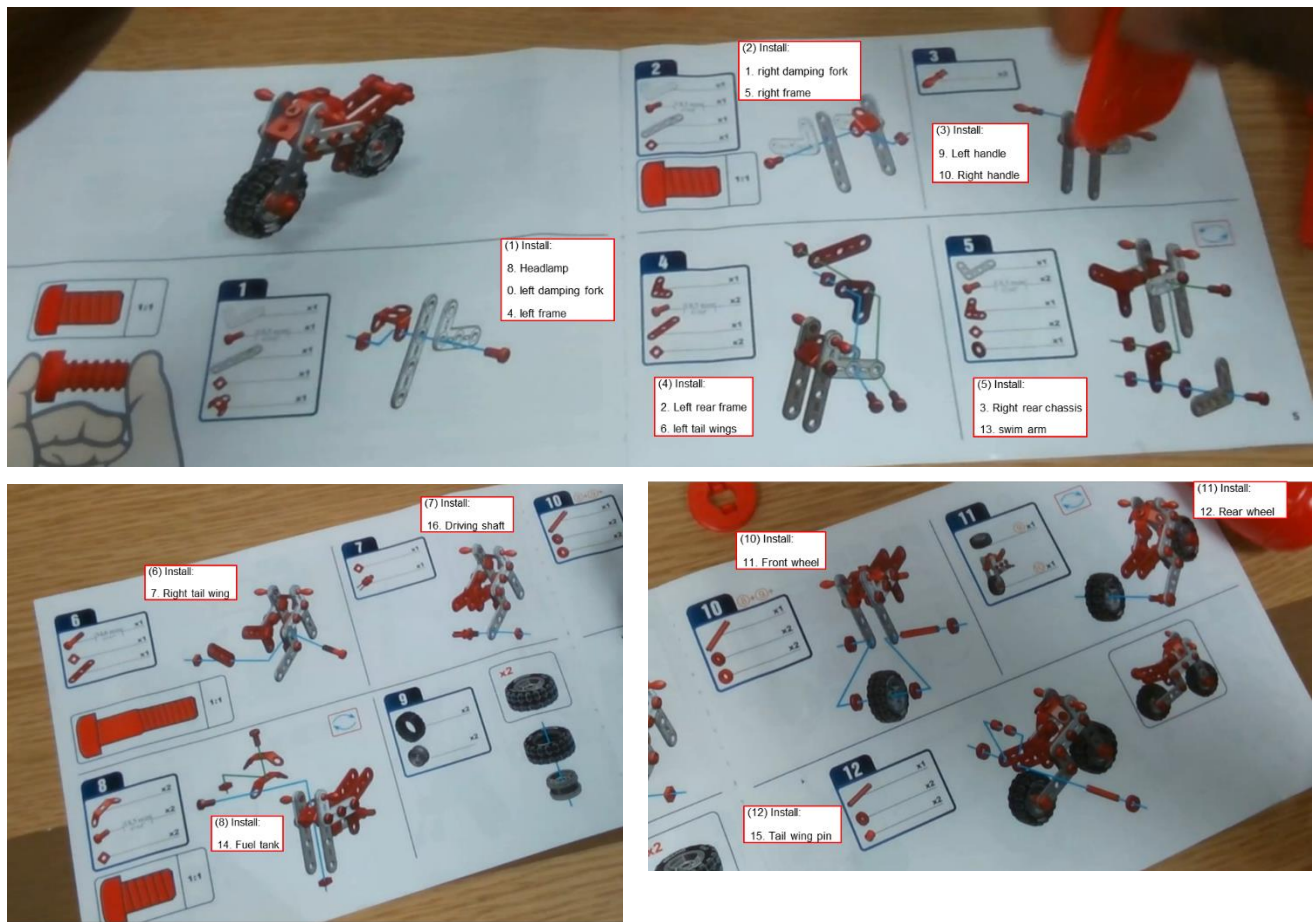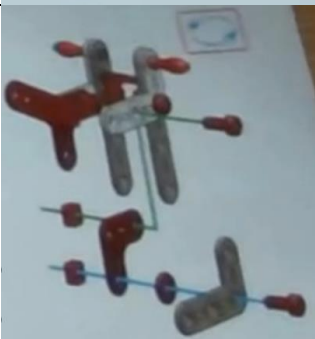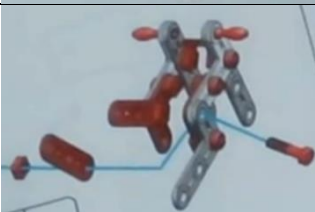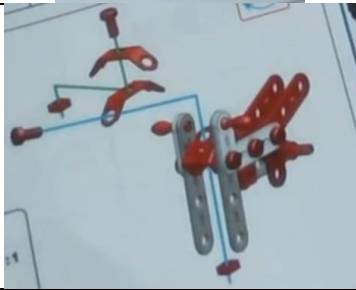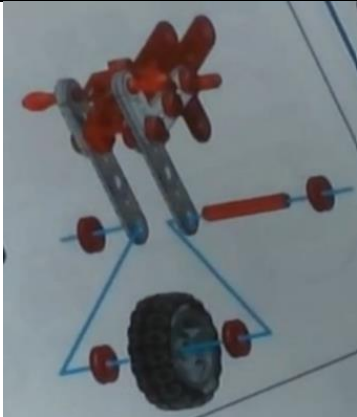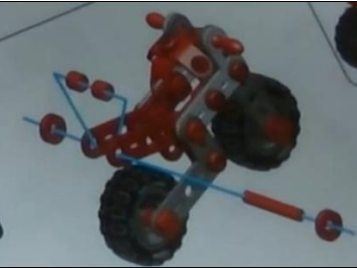
Procedures

Procedure steps	Install components
1	Install: Headlamp, left damping fork, left frame
2	Install: right damping fork, right frame
3	Install: right handle, left handle
4	Install: left frame, left tail wings
5	Install: right rear chassis, swim arm
6	Install: Right tail wing
7	Install: Driving shaft
8	Install: Fuel tank
9	Install: Front wheel
10	Install: Rear wheel
11	Install: Tail wings pin

Image of state	Binary code	Name
	10001000100000000	State 1
	11001100100000000	State 2
	11001100111000000	State 3

			11101110111000000	State 4
			11111110111001000	State 5
			11111111111001000	State 6
			11111111111001001	State 7
			11111111111001101	State 8

			11111111111101101	State 9
			11111111111111101	State 10
			11111111111111111	State 11