

SERVICE BULLETIN ML 0019



Date : 30 October, 2000
Game : Slam'N'Jam
Subject : Gears on Gate Motor

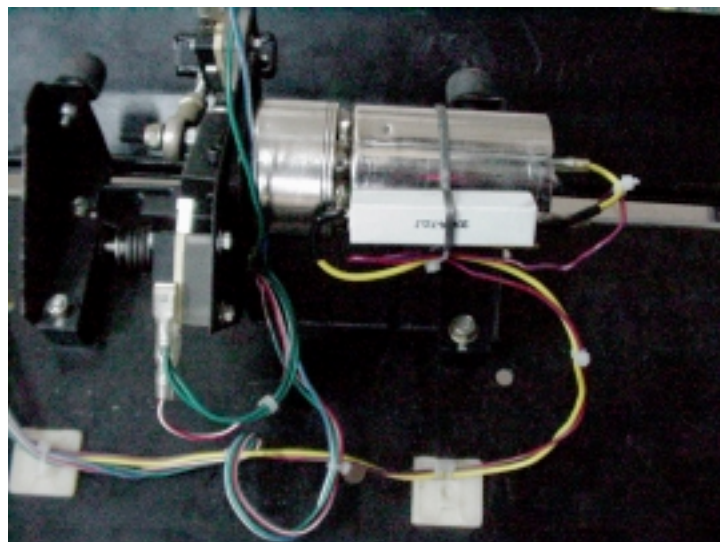
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Problem : Gears Stripping on Slam'N'Jam Ball Gate Motor due to possible obstructions falling under ball gate and overloading gear box.

Solution : A series resistor of 4.7 Ohm 10~20W is to be placed between the motor and +12VDC supply to allow the motor to stall under abnormal load. A lighter replacement spring is also required to reduce the normal load on the motor. This Resistor and spring can be ordered from your nearest LAI Games distributor

Instructions :

Replace original 3mm thick spring with new Lighter Spring (item 3 in attached diagram). Cut yellow wire to motor and solder resistor in line, allow enough wire for movement of motor assembly. We recommend making a small metal P-clip and attaching it to one of the lower micro switch bolts or alternatively use a large pipe clamp and clamp it to the side of the motor housing



Note: Be sure to check that the motor turns in a anti-clockwise direction or the micro-switches will be damaged

Regards

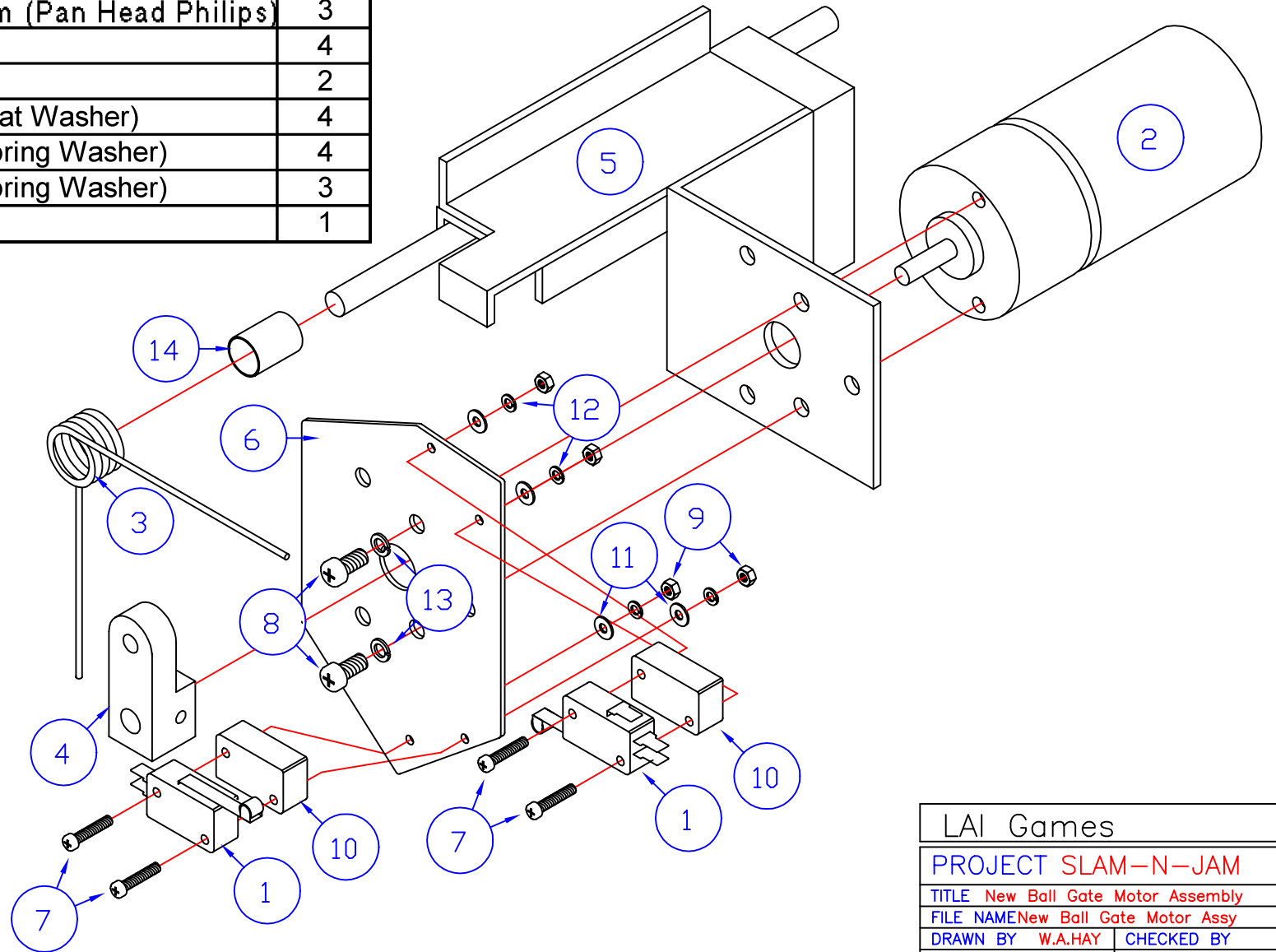
LAI Games

No.	CODE	Product Description	QTY
1	EA0405	Switch Micro Roller	2
2	EA1154	12VDC Motor With Gearbox 10RPM	1
3	HM1406	New Spring SNJ Ball Gate	1
4	HA1612	New Ball Gate Motor Crank	1
5	HA1625	New Bracket Gate Motor Mount	1
6	HA1640	New Ball Gate Micro Switch Mounting	1
7	HF0367	Baut JP M3 x 25mm (Pan Head Philips)	4
8	HF0563	Baut JP M5 x 10mm (Pan Head Philips)	3
9	HF1004	Mur M3 (Nut Hex)	4
10	HP1601	Micro Switch Spacer	2
11	HF1064	Plate Washer M3 (Flat Washer)	4
12	HF1074	Lock Washer M3 (Spring Washer)	4
13	HF1076	Lock Washer M5 (Spring Washer)	3
14	HA2050	New Spring Sleeve	1

Notes:

(1) Motor must turn in anti-clockwise direction or the microswitches will be damaged.

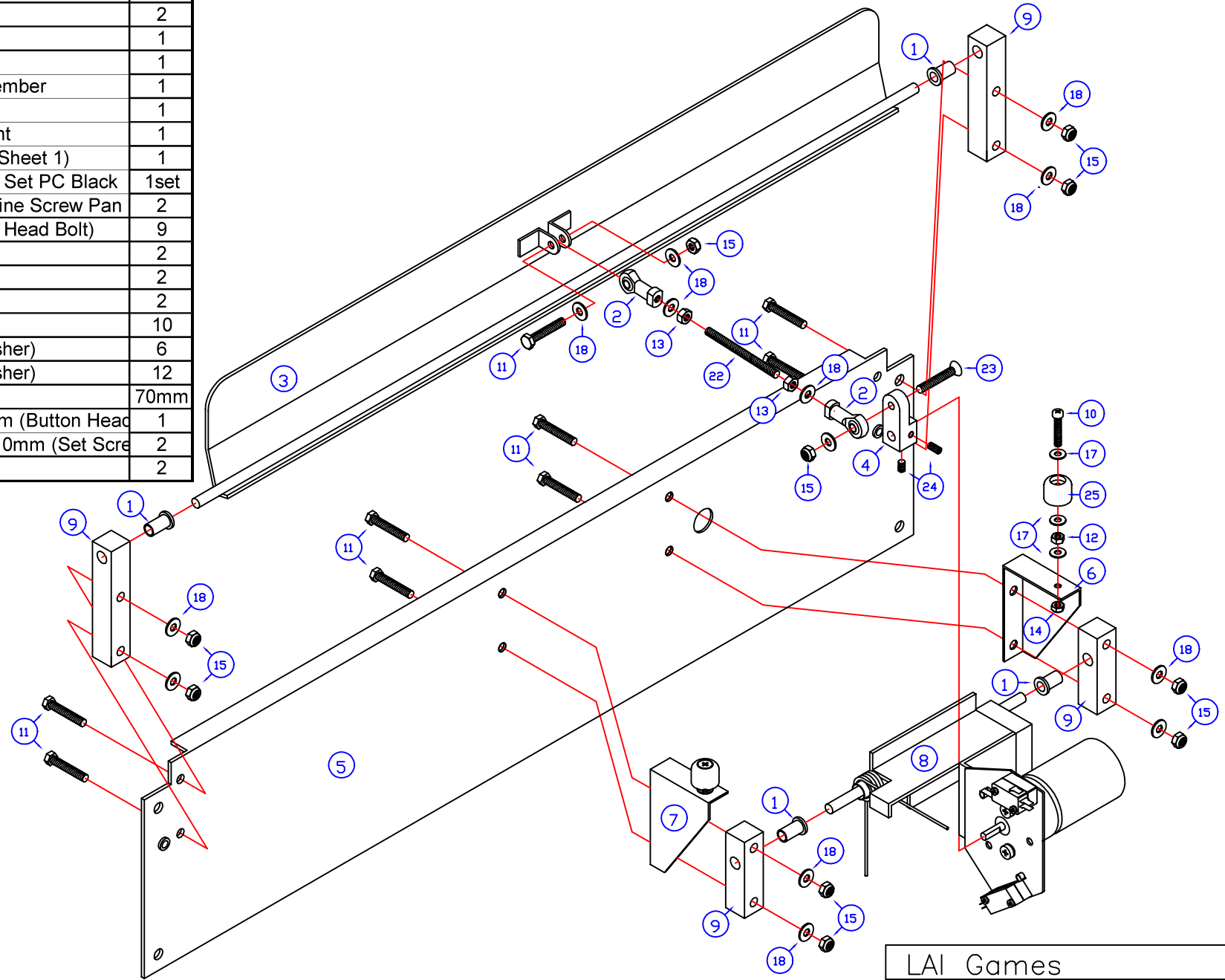
(2) 10RPM motors must use CPU Link Version 2.1 or grater to avoid gate time-out errors



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DO NOT SCALE

LAI Games	
PROJECT SLAM-N-JAM	
TITLE New Ball Gate Motor Assembly	
FILE NAME New Ball Gate Motor Assy	
DRAWN BY W.A.HAY	CHECKED BY
DATE 03/05/00	DATE

No	CODE	Product Description	Qty
1	EP0607	Insulating Spacer M8 x 12	4
2	HA1428	Tie End Rod 6mm x 100cm	2
3	HA1601	Assy Ball Gate	1
4	HA1612	Ball Gate Motor Crank	1
5	HA1621	Bracket Ball Gate Cross Member	1
6	HA1622	Bracket Ball Gate Stop Left	1
7	HA1623	Bracket Ball Gate Stop Right	1
8		Ball Gate Motor Assy (See Sheet 1)	1
9	HA1639	Gate Motor Mounting Block Set PC Black	1set
10	HF0568	Baut JP M5 x 30mm (Machine Screw Pan)	2
11	HF0649	Baut Hex M6 x 35mm (Hex Head Bolt)	9
12	HF1006	Mur M5 (Nut Hex)	2
13	HF1007	Mur M6 (Nut Hex)	2
14	HF1016	Lock Nut M5	2
15	HF1017	Lock Nut M6	10
16	HF1066	Plate Washer M5 (Flat Washer)	6
17	HF1067	Plate Washer M6 (Flat Washer)	12
18	HM1405	Threded Rod M6	70mm
19	HF0609	Baut BH Kunci L M6 x 35mm (Button Head)	1
20	HF0503	Baut Socket Kunci L M5 x 10mm (Set Scre)	2
21	HM0011	Rubber Stopper	2



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LAI Games	
PROJECT SLAM-N-JAM	
TITLE NEW BALL GATE ASSEMBLY	
FILE NAME New ball gate assy	
DRAWN BY W.A.HAY	CHECKED BY
DATE 07/07/00	DATE