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Team Inventory

Teams should check the items issued to them at the start of the project. Please return it to Mr Brown by the end of the second session. (No return will be taken as acceptance that all items are present). The form will be returned to the team at the beginning of the last session,

it should be completed and returned with the robot + remaining kit on the day of the competition. **Students will be charged for missing items!**

(0% cost if reported and returned with 1 week of the end of the project, 50% not reported, but returned within a week, 100% if not returned)

	Issued at start	Checked by Team	Returned	On Robot	Staff Check
Mechanical					
Wheels large - large centre	2				
Wheels large - small centre	2				
Wheels small - large centre	2				
Wheels small - small centre	2				
Castors	2				
Large motor - gearbox 20 rpm	1				
Large motor - gearbox 40 rpm	1				
Small motor - gearbox 18 rpm	1				
Small motor - gearbox 40 rpm	1				
Wheel motor connectors	2				
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Pneumatic actuator	2				
Swivel connector	2				
pneumatic valve assembly	1				
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Aluminium chassis large	1				
Aluminium chassis small	1				
Sensor mounting bracket	4				
Large motor mounting bracket	2				
Small motor mounting bracket	2				
Microcomputer mounting bracket (complete with nylon screw)	1				
Mechanical - In Workshop					
Hammer	1				
Toolmakers Clamps	2				
G Clamp	1				
Odd legs	1				
Files	3				
Hacksaw (Junior)	1				
Engineers Square	1				
De-burring tool	1				
2.5mm AF Spanner	1				
3mm AF Spanner	1				
4/5mm AF Spanner	1				
Scriber	1				
Center Punch	1				
300mm Steel Rule	1				

	Issued at start	Checked by Team	Returned	On Robot	Staff Check
Electrical					
Breadboard module	1				
Linesensor pcb	1				
Prototyping pcb	1				
Stripboard	1				
D plugs	2				
D sockets	2				
Line-sensor test box	1				
Red lead with 4mm plugs	1				
Black lead with 4mm plugs	1				
Relay	1				
Push button switch	1				
FET	1				
LED	1				
PCF 8574P	1				
Line following sensors	4				
Sold wire cutters	1				
Electrical pliers	1				
Screwdriver	1				
Trimming tool	1				
Solder sucker	1				
Wire cutters	1				
White Line Test Board	1				
Digital Voltmeter	1				
Software					
Sensor simulator pack	1				
I2C cable	1				
Microcomputer module	1				
Wireless Card	1				
Red motor adaptor	1				
Power supply unit	1				
DC output lead	1				
System (NB Some above desk)					
Power supply unit	1				
Signal Generator	1				
Oscilloscope and probes	1				
Computer work station	2				
Issued Items					
LDR					
Distance sensor					
Distance sensor V assembled					
Hall effect sensor					
IR Photodiode					
Strain gauge					
Issued Items					
Week 1 Task Booklet	1				
Sissors	1				
Hire Items					
		Out Date	Return Date		
Line Following Board	1				