



Title:	<b>Learning to ride 2.0</b> Learning about the motorcycle and safety flags.
Objectives:	Instruct student in the different mechanical systems that exist on their racing motorcycle, teach them the names and functions of the different systems. Instruct student about racing safety flags
Goals:	At the end of this period of instruction the student should have some familiarity with the different systems and parts of their motorcycle, name at least some of them and to begin understanding their function and introduce them to maintenance. Student will also begin their learning about racing safety flags.
Subject:	<ol style="list-style-type: none"> <li>1. Identify and trace throttle and fuel system incl carburetor</li> <li>2. Identify and trace braking system</li> <li>3. Identify frame/chassis, swingarm</li> <li>4. Identify and trace front and rear suspension</li> <li>5. Identify and trace drive train</li> <li>6. Identify and trace cooling system</li> <li>7. Identify and trace aerodynamic enhancements (fairings)</li> <li>8. Identify and trace the electrical system</li> <li>9. Pre-Race Inspection</li> <li>10. Initial discussions about maintenance</li> </ol>
Procedures	Show and tell type instruction, practical demonstrations
Technique	<p>Visual and physical touch with motorcycle present. This is not necessarily a stand alone class but on-going instruction will likely be required. Training about the bike and its parts and functions will be on-going. Print off the picture pages and provide to student. Ask them to fill in the motorcycle parts prompts and introduce riders to flags.</p> <p>Learning about safety flags will be on-going.</p>
Most Common Mistakes	Incorrect identification, incorrect naming
Summary	<p>This period of instruction is aimed at familiarising the rider with their motorcycle and its components and basic ideas about their maintenance. Maintenance will be covered more deeply in later sessions. The approach to this will be to identify each system and give a broad preliminary overview how each system works. It will also allow the rider to begin their development of understanding by sight or touch if a component is missing or</p>



	<p>broken, and/or to question their helper if they have concerns. Will allow the rider and their trainer to talk the same language about the motorcycle.</p> <p>The instruction will also include a “walk around” the motorcycle in order to show each system in its place. This walk around will incorporate an inspection checklist to ensure that their motorcycle is ready for the track or the session. This instruction does not necessarily need to be undertaken in a classroom setting, but can be on-going with other training.</p> <p>Instruction in the meaning of different safety flags will be on-going. Will be included at regular intervals throughout training.</p> <p>The level of detail that the trainer will delve into with each student will be very age dependent and dependent on the technical affinity and desire of each student. Some will be very interested to know, others not so much.</p>
--	---

**Assessment Sheet**  
**Learning to ride 2.0**  
**Motorcycle structure and sub-systems**

Item	Pass/Fail	Comment
Identify the following subsystems and their purpose.		
Braking System		
Throttle and Fuel System (incl carburettor/throttle body)		
Frame/chassis/swingarm		
Suspension (front/rear)		
Drive Train		
Cooling System or Exhaust system as appropriate		
Aerodynamic Enhancements (Fairing/bodywork)		
Electrical System		



Pre-session Inspection		
------------------------	--	--

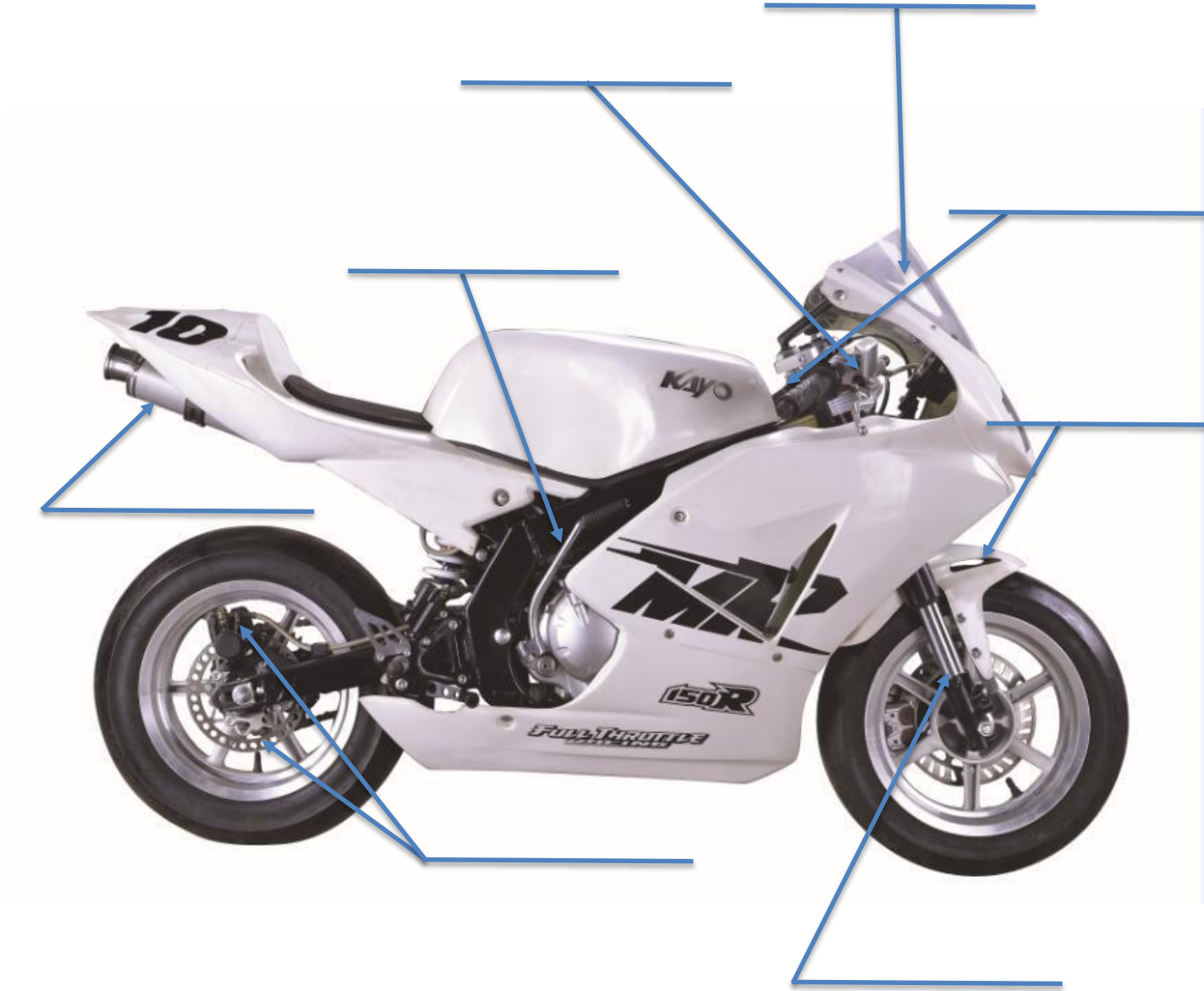
Overall Comments:

Guardian/Student Signature:

Trainer/coordinator Signature:


Date:

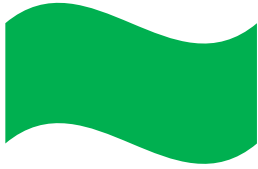






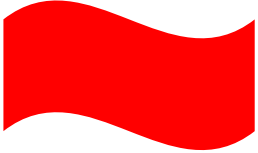
**KAYO** DIRT BIKE - MOTOCROSS - ATV  
[www.kayomoto.com](http://www.kayomoto.com)

NO.	Model Name	Name of goods and Specifications	Remarks
1	MINIGP 150		
		Engine: ZS150 Single cylinder, 4-stroke, air-cooling, camshaft upward, with balance shaft	Frame: Design by Kayo
		Bore*Stroke: 57.3mm*57.8mm	Handle Bar : Alloy
		Compression Ratio: 9.2:1	
		Max Power: 8.2KW/7700 rpm	Rim: Alloy (Front 3.00-12; Rear 3.50-12)
		Max Torque: 12N.M/5500 rpm	Tyres: Front 100/80-12; Rear 120/80-12
		Ignition: CDI	Front Fork: USD Fork travel 100mm
		Starter: Kick	Rear Shock: Common travel 35mm
		Transmission: 14T-41T KMC428	Carburetor: Mikuni
		Wheel Base: 1074mm	Swing Arm: Steel L=410mm
		Seat Height: 668mm	Brake: Disc
		Ground Clearance: 123mm	Fuel Capacity: 10L
		Dry Weight: 85kg	Plastic: MINIGP-MR



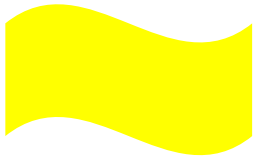
### Green - Go

Used to start race, indicate circuit is open for use and to indicate that circuit is clear for racing to continue. Shown at race start and sometimes after a yellow flag point.



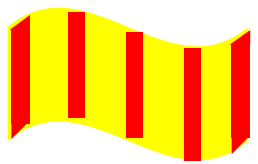
### Red - Stop

**The most important flag.** Used to stop race in case of an immediate emergency. Stop racing immediately, slowdown to a running pace and return to pit lane. Form up where indicated by marshals.



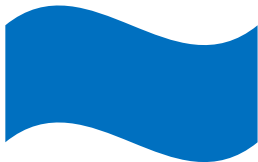
### Yellow - Incident

Stationary flag means incident near circuit, be aware. Waved yellow means incident on circuit, be prepared to take evasive action or slow rapidly. Overtaking under yellow flag will incur a penalty.



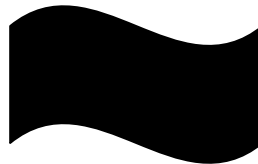
### Yellow with Red bars - 'Oil flag'

Indicates that oil or debris is on the circuit. Be prepared to take evasive action.



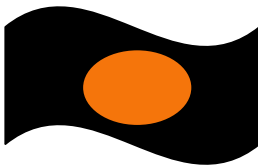
### Blue - Overtaking rider

Indicates that faster riders are approaching you. Hold your racing line and be prepared for faster riders. DO NOT alter your racing line or attempt to move out of the way.



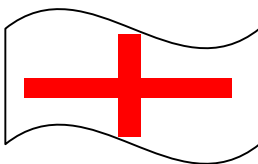
### Black with a board showing your racing number - Infringement

Indicates that you have made a technical infringement or a riding safety infringement. Return to the pit lane immediately you are able. A lecture and/or penalty may be incurred.



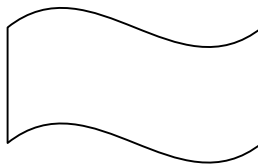
### Black with Orange Spot with a board showing your racing number - Bike problem

Indicates that damage or failure of your machine has been observed (e.g. fairing coming away, muffler coming off). Pull off circuit or return to pit-lane immediately.



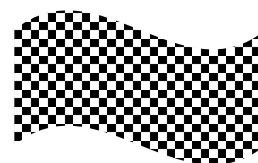
### White with Red Cross - Ambulance

Used to indicate that Ambulance has entered the circuit. Be aware of the ambulance. Will generally be used in conjunction with Red Flag.



### White - Last lap

Used to indicate that you are beginning the final racing lap, the "Last Lap" flag.



### Chequered - Race finish

Indicates the end of the race or timed session. Complete one more lap and return to pit lane. Remember, the race end is determined by Chequered Flag, not the prescribed number of laps.