



WRITING INSTRUCTIONS – V2

Read the interview with a pit crew leader.

Making every second count

How do mechanics service a car so quickly in the middle of a car race? Will Peters is chief mechanic and crew leader of a pit-stop crew. Here he explains his work.

I'm the crew leader, and I have twenty mechanics in my crew. It's dangerous work, so we wear fire suits and safety helmets. I have five teams: *wheel-gun*, *wheel-on*, *wheel-off*, *wheel-jack* and *fuel*.

Every second is important in the middle of a race, so everyone moves quickly and works together as a team.

– 30 secs

I give the order: 'Get ready!' The four *wheel-on* mechanics bring out the new wheels. The tyres are still covered in warm blankets. The team leader adjusts the air pressure in the tyres.

– 10 secs

The car enters the pit lane, and slows down. The driver presses a button in his cockpit. This opens the fuel flap.

– 3 secs

The car approaches the garage. I signal to the driver: STOP. The driver slows down and drives towards the crew. The *wheel-gun* team leader signals with his hand, and the driver stops the car next to the wheel guns.

00:00 secs

The four *wheel-gun* mechanics run to the car. They loosen the nuts with their wheel guns. Then they move back quickly.

00:01 secs

The two *wheel-jack* team members run to the car, and place the jacks under the front and rear of the car. They raise the car off the ground and move back quickly.

00:01.5 secs

Then three members of the *fuel* team move forward. One carries the fuel nozzle, and the other two carry the fuel hose. (It weighs 40 kg!). The front fuel mechanic pushes the nozzle into the fuel socket on the car. They then switch on the fuel pump.

00:02 secs

The *wheel-off* mechanics move forward. They take the old wheels off and take them away quickly.

00:02.5 secs

Now the *wheel-on* guys move forward. They take the warm blankets off the new wheels, put the new wheels on the car, and move back quickly. On the other side of the car, another mechanic puts his arm into the cockpit and cleans the driver's visor.

00:03 secs

The *wheel-gun* guys move forward and tighten the nuts. Then they raise a hand to signal that everything is OK.

00:04 secs

The *wheel-jack* people lower the car to the ground and take the jacks away. Now everyone is waiting. The *fuel* guys are still pumping fuel into the car. They hold the fuel nozzle and hose in place until all the fuel is in the car.

00:05.5 secs

I signal to the driver: SELECT FIRST GEAR. He pushes the gear lever into first gear, and waits.

00:06.5 secs

The fuel pump switches off, and the fuel guys pull out the fuel nozzle. Another *fuel* team member cleans spilled fuel off the car, and moves back quickly. Immediately, I signal to the driver: GO.

00:07 secs

The car moves to the end of the pit lane. The driver presses the button to close the fuel flap.

00:10 secs

The car speeds up and leaves the pit lane. It's in the race again.





- Using the information and your knowledge of the Imperative, complete the list of instructions below.

Raise the hand to signal that everything is okay.
Adjust the air pressure in the tyres.
Push the nozzle into the fuel socket on the car.
Put the new wheels on the car.
Place the jacks under the front and rear of the car.
Take the wheels away.

Lower the car to the ground.
Clean spilled fuel off the car.
Pump the fuel into the car.
Pull out the fuel nozzle.
Take the jacks away.
Take the covers off the new wheels.

TEAM 1: WHEEL-JACK	TEAM 4: WHEEL-ON
1.	1. Bring out the new wheels.
2. Raise the car off the ground.	2.
3. WAIT	3. WAIT
4.	4.
5.	5.
TEAM 2: WHEEL-GUN	TEAM 5: FUEL
1. Loosen the wheel nuts on the old wheels.	1.
2. WAIT	2.
3. Tighten the wheel nuts on the new wheels.	3.
4.	4.
TEAM 3: WHEEL-OFF	
1. Take the old wheels off.	
2.	