

# **ANOTHER TOUCH DRIVER ACADEMY**

## **LESSON 3**

**HOW TO START THE CAR,  
MOVEMENT, STOPPING,  
REVERSING - EMERGENCIES**



# INTRODUCTION

It is important to prepare before you start, move, stop or reverse the car. These simple preparation is termed the **COCKPIT DRILL** or the **DS<sup>3</sup>M** and are:

## DS<sup>3</sup>M

**D:** Ensure all Doors are closed

**S:** Adjust your Seat for better control of the car

**S:** Adjust Steering Wheel if adjustable for comfort and smooth control

**S:** Fasten your Seat Belt for safety

**M:** Adjust your Mirrors for better view of the road behind



# STARTING THE CAR

## 1. MANUAL TRANSMISSION

- a) Ensure the **parking brake** (handbrake) is on / engaged
- b) Press the brake pedal fully down and press the clutch pedal fully down.
- c) Insert the key and turn it to the “**ON**” position to check dashboard for all lights
- d) Shift the gear lever to “**Neutral**” to disengage the gear box from the engine
- e) Turn the key to the “**Start**” position to start the engine.

## 2. AUTOMATIC TRANSMISSION

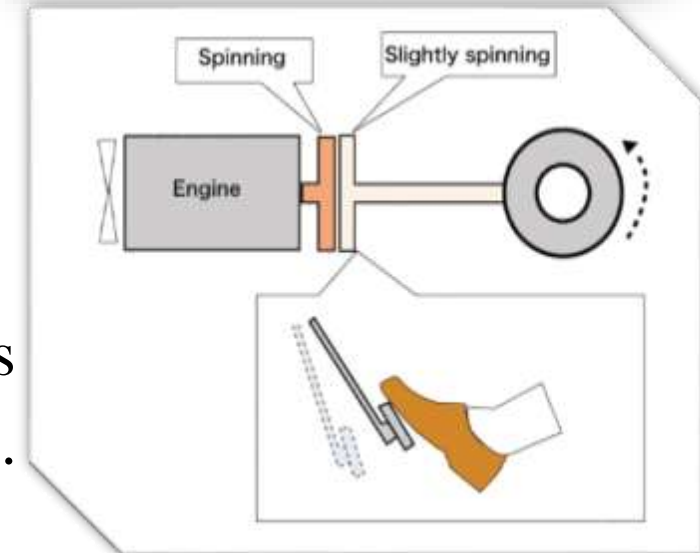
- a) Ensure the **parking brake** (hand/foot) is on / engaged
- b) Press the brake pedal fully down
- c) Insert the key and turn it to the “**ON**” position to check dashboard for all lights
- d) Ensure the gear is in **PARK (P)** or **NEUTRAL (N)** position
- e) Turn the key to “**Start**” or press the “**Start Button**” to start the engine



# MOVING THE CAR

## 1. MANUAL TRANSMISSION

- a) Once started, shift the gear lever to “1<sup>st</sup>” position
- b) Indicate your intention to move left / right, using the turn signals
- c) Tap the Horn to draw the attention of other road users to your intentions
- d) **USING HALF CLUTCHING** to move:
  - Release the clutch gradually till it get to the biting point and hold it there without wavering.
  - Release the parking brake (handbrake)
  - Use your mirrors to check for vehicles or other road users
  - And then Release the brake gradually for the car to move.



# MOVING THE CAR continued

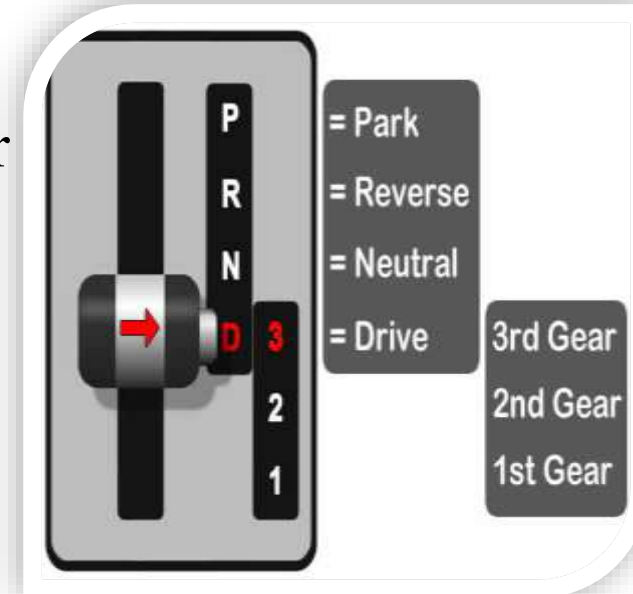
## 1. MANUAL TRANSMISSION continued

### e) **USING HALF ACCELERATING to move**

- Ease off the brake and gradually press on the accelerator for a desired reach/ limit
- Release the clutch gradually till you feel the stall (jerk of the car and hold it there)
- Check the mirrors for other road users
- Release the parking brake (handbrake) to move the car

## 2. AUTOMATIC TRANSMISSION

- a) Once started, shift the gear to drive (**D**)
- b) Release the parking brake (hand/foot)
- c) Use your mirrors to check for other road users/ vehicles
- d) Ease off the brake and simply press the accelerator to move the car



# STOPPING THE CAR

## 1. MANUAL TRANSMISSION

- a) Indicate your intention to stop and check your mirrors for safety
- b) At “**Low Speed**”, Press the clutch fully to disengage the engine from the transmission
- c) Press the brake gradually till it's full to stop the car
- d) At “**High Speed**”, Press the brake gradually to slow down the car but not fully, and
- e) Press the clutch fully to cause disengagement
- f) And then Continue pressing the brake till the car stops.
- g) Shift to neutral / turn off the engine and engage the parking brake



# STOPPING THE CAR continued

## 2. AUTOMATIC TRANSMISSION

- a) Indicate your intention to stop
- b) Ease off the accelerator
- c) Press the brake pedal gradually to slow down till the car stops
- d) Shift to Neutral (**N**) gear once stopped
- e) Apply the parking brake (hand / foot)
- f) Turn off the engine before finally
- g) Shifting to the park (**P**) position

# REVERSING THE CAR

## 1. MANUAL TRANSMISSION

- a) Once the car is started, shift the gear into Reverse (**R**)
- b) Follow the steps of “**Moving the Car**”, the only difference here is the selection or shifting of the gear lever and observing the mirrors

## 2. AUTOMATIC TRANSMISSION

- a) Once started, Press the brake pedal and shift to Reverse (**R**)
- b) Also follow the same steps under “**moving the car**”.



# **HANDLING EMERGENCIES**

## **1. BRAKE FAILURE:**

- a) Try pumping the brake to restore pressure
- b) Shift to a lower gear to slow down using the engine braking
- c) Apply the handbrake (parking brake) gradually whilst steering the vehicle safely off the road.

## **2. TIRE BLOWOUT:**

- a) Hold the steering wheel firmly and avoid braking hard
- b) Gradually reduce speed by easing off the accelerator
- c) Pull over to a safe area and change the tire.

## **3. ENGINE OVERHEATING:**

- a) Turn off the air conditioning and turn on the heater to dissipate heat
- b) Pull over to a safe location and turn off the engine
- c) Wait for the engine to cool before checking the coolant level.



**THE END**

**THANK YOU FOR  
YOUR PARTICIPATION**