



APPENDIX D MOTORCYCLE PROFICIENCY COURSE REQUIREMENTS AND COURSE LAYOUT

D-1. GENERAL

- a. Figure D-1 shows the motorcycle proficiency course route and where specific exercises will take place.
- b. Exercise 2 will be given for applicable motorcycles and exercise 7 will be given if the necessary terrain is available.
- c. Customers may miss no more than 10 percent of the total points available for a passing grade. The points in parentheses in each exercise description represent the point value for the maneuver.

D-2. EXERCISE 1

- a. These exercises test if the customer can hold and push the motorcycle, put the motorcycle on its kickstand, and start the motor.
- b. Mistakes:
 - (1) Unable to hold the motorcycle (3 points).
 - (2) Unable to put the motorcycle on its kickstand (2 points).
 - (3) Knocking the motorcycle over or allowing the motorcycle to fall (3 points).
 - (4) Starting the motorcycle without completely bringing up the kickstand (2 points).

D-3. EXERCISE 2 (APPLIES ONLY TO MOTORCYCLES UNDER 500cc)

- a. This exercise test the customer's ability to push-start the motorcycle while it is in second gear.
- b. Mistakes:

(1) Unable to control the motorcycle (5 points).

(2) Starting the motorcycle in the wrong gear (5 points).

D-4. EXERCISE 3

- a. This exercise tests the customer's ability to operate the brakes and clutch.
- b. Customers are required to slow to a stop and then proceed three to four times. Changing gears during this exercise is not required.
- c. Customers are required to check traffic coming from behind but only before moving ahead on the motorcycle the first time.
- d. Mistakes:
 - (1) Starting in wrong gear (3 points).
 - (2) Stalling engine (4 points).
 - (3) Using feet for balance (3 points).

D-5. EXERCISE 4

- a. This exercise tests the customer's ability to drive the motorcycle at walking speed.
- b. Customers are tested on their ability to keep their balance; use the clutch, brakes, and accelerator properly, and drive at a steady and slow speed for about 25 meters (m).
- c. Mistakes:
 - (1) Unable to drive at a slow, steady speed (3 points).
 - (2) Swerving from a straight line by more than 30 centimeters (cm) (5 points).
 - (3) Using feet for balance (2 points).

D-6. EXERCISE 5

- a. This exercise tests the customer's ability to drive the motorcycle 3 times around a 9-m circle.

b. Mistakes:

- (1) Unable to keep the motorcycle within the circle (2 points).
- (2) Using feet for balance (2 points).
- (3) Driving in the wrong gear (2 points).
- (4) Not leaning into the curve (2 points).
- (5) Inability to select safe speeds (2 points).

D-7. EXERCISE 6

a. This exercise tests the customer's ability to drive the motorcycle around a 7-m semicircle before proceeding in a straight line. The customer must be able to stabilize the motorcycle after driving in a semicircle.

b. Mistakes:

- (1) Using more than 7 m for the turn (2 points).
- (2) Using feet for balance (2 points).
- (3) Driving in the wrong gear (2 points).
- (4) Not leaning into turn (2 points).
- (5) Inability to select safe speed (2 points).

D-8. EXERCISE 7 (TERRAIN PERMITTING)

a. This exercise tests the customer's ability to start the motorcycle in first gear and drive up a hill with an incline of 8 to 10 percent.

b. Customers may have to use both brakes to prevent the motorcycle from rolling backwards.

c. Customers must stabilize the motorcycle as soon as possible and have both feet on the footpegs.

d. Mistakes:

- (a) Rolling backwards more than 50 cm (2 points).
- (b) Stalling the motor (2 points).

- (c) Using the accelerator excessively (2 points).
- (d) Causing the front wheel to leave the ground when starting (2 points).
- (e) Using feet for balance after stabilizing the motorcycle (2 points).

D-9. EXERCISE 8

- a. This exercise tests the customer's ability to avoid obstacles in the road.
- b. The customer must drive at a speed of approximately 50 kilometers per hour (kph) then slow to approximately 30 kph to avoid an obstacle on the road.
- c. The customer may drive to the right or left of the obstacle but must miss the obstacle by at least 1 1/2 m.
- d. Mistakes:
 - (1) Driving at incorrect speeds (2 points).
 - (2) Trying to avoid the obstacle too early or not avoiding it at all (2 points).

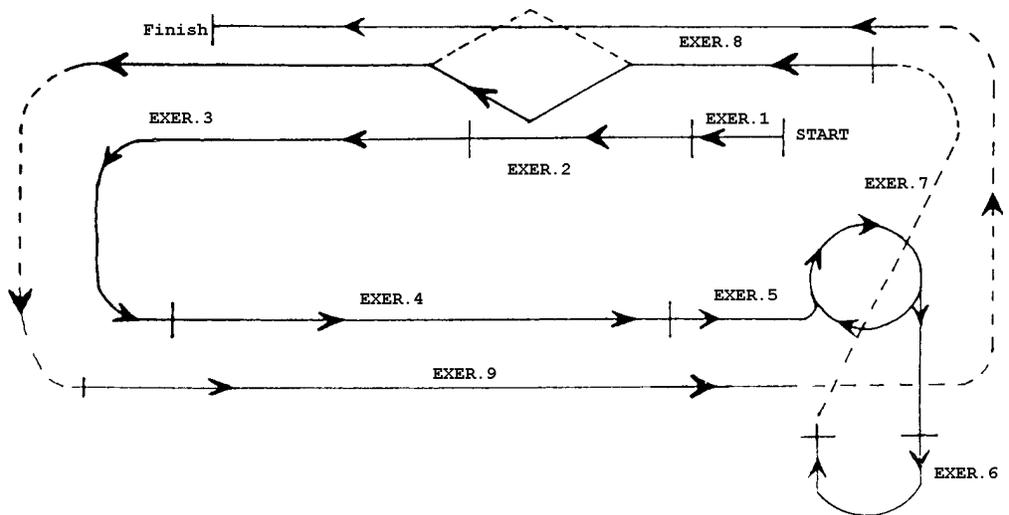


Figure D-1. Motorcycle Proficiency Course Route

- (3) Pushing (moving the motorcycle in small jerks using the motor and feet) rather than smoothly and slowly steering around the obstacle (2 points).
- (4) Failing to release brakes while avoiding the obstacle or using brakes before returning to the previous course (2 points).
- (5) Failing to use the clutch while avoiding the obstacle (2 points).

D-10. EXERCISE 9

- a. This exercise tests the customer's ability to stop the motorcycle during an emergency.
- b. Customers must be able to slow from 50 kph using both brakes to avoid an emergency situation.
- c. The motorcycle must not swerve significantly from the course while braking.
- d. Locking the rear tire is allowed provided the motorcycle is stabilized.
- e. Watching rear traffic is not required.
- f. Mistakes:
 - (1) Using handbrakes incorrectly (2 points).
 - (2) Using only one handbrake (2 points).
 - (3) Failing to reach a speed of 50 kph before braking (2 points).
 - (4) Requiring too long a distance to brake (2 points).
 - (5) Swerving from the course while braking (2 points).