In-Car Guide Drills
Drive #5 – On the Road Again

Combine Lessons 7-8

into one lesson

BTW Tim: 60 minutes each driver

Total BTW Time: 4 hr. 30 min.

Sign Identification Drill

- At a four-way stop ask the driver who must yield in certain situations. Give specifics like 2 arrived at the same time, etc. so as not to overwhelm the student.

- As you come to unique signs, ask the driver to offer an explanation as to what they are and how they affect the current path-of-travel.

- Observer may participate as well.

Right-of-Way Drill

- Since most states have complex yielding laws, spend time with your driver and observer responding to dynamic situations as they happen
- Be sure to use motorcyclists, pedestrians, and other road users in this drill.
- Watch the driver for appropriate physical responses to the signs as you drive.

Push-Pull Steering Drill

Application: Curves

- Ask student to use push-pull steering on the curves that are written into your route.
- Remind the student that it is not “o.k.” behavior to leave hands at 11&5 or 7&1 through curves.
- This drill is difficult for new drivers so the environment may need to be simpler.

Curve Entry/Exit Drill

Use curves in your route to teach vehicle balance techniques.

- Enter a right curve LP2, LP3, LP1
  - Repeat 2-3 times
- Enter a left curve LP3, LP2, LP1
  - Repeat 2-3 times
- Allow for dynamic changes
  - Oncoming traffic, closed zones etc.

Following Other Vehicles Drill

- Adjust Front Closure Rate
  - Become Alert Slower Vehicle
- Keep 4 Seconds Of Time
- Keep LOS optimal
- Read Traffic 12 Seconds Ahead
- Control The Rear Zone
- Respond To Communications

Following Other Vehicles Drill

Variation:

- Adjust Front Closure Rate
  - Become Alert Slower Vehicle
- Keep 4 Seconds Of Time
- Keep LOS optimal
- Read Traffic 12 Seconds Ahead
- Control The Rear Zone
- Respond To Communications

In rural or frontier areas, ask the observer to "simulate" a vehicle in front. Give the observer a list of possible scenarios from which to pick

Precision Spacing Drill

- Speeds 10-15 mph
  - Ask driver to deliberately place the vehicle 2 seconds behind the car in front.
- Speeds 15-25 mph
  - Ask driver to deliberately place the vehicle 3 seconds behind the car in front.
- Speeds 25-40 mph
  - Ask driver to deliberately place the vehicle 4 seconds behind the car in front.

Arrival Time Drill

Observer Activity Drill

- Ask observer to randomly pick potential POT blockages
  - Car waiting to pull out from a driveway or lot
  - Car turning left in front of your vehicle (oncoming)
  - Pedestrian waiting at edge of crosswalk or in crosswalk.
  - Motorcycle on the right side of the road with it's turn signal on, etc.
- Have Observer time how long it takes to get to that "event" and tell the Instructor and driver about the potential scenario.

Controlled Approach Drill

Practice correct approaches to:

- Curves
- Intersections
- Parking lots
- Schools
- Construction zones
- Yielding situations
- Others as needed.

Timing Side Zones Drill (1)

- Identify Fixed side zone change
- Time Left zone with fixed right
- Time Right zone with fixed left
- Improve lane position
- With closed left & right
  - Speed adjustment?
- Communicate to others
- Best speed control

Timing Side Zones Drill (2)

- Identify Moving side zone change
- Time arrival for least possible risk
- Improve lane position
- With closed left & right front zones;
  - Speed adjustment
- Communicate for best control
- Get Best Speed Control

Passing Drill*

- This drill is only for use in conjunction with the timing side zone discussion.

CAUTION: This drill is only for timing side zones in the most remote locations with optimal line-of-sight considerations

End of Behind-the-Wheel Lesson 7 Drills

In-Car Guides
Lesson 8 – On the Road Again

Hill Stop Drill

Pull To Side Of Road To Stop

- Find location to stop
- Check rear zone - Signal
- Move to side of road - Stop
- Keep foot on brake pedal
- Turn wheels to correct position for curb
- Apply parking brake
- Shift To neutral
- Release foot from brake
- Be certain parking brake holds

A railroad tie at least 8 inches tall constitutes a hill ☺

Hill Start Drill

Starting The Car In Motion

- Depress service brake
- shift to drive (reverse, if facing downhill.)
- Check mirrors
- Put signal on
- Move right foot to gas pedal and press slightly
- Check blind spot and forward (intended) path
- Release parking brake
- Increase gas as needed
- Should be no roll back
- Cancel signal

Parallel Parking Drill (1)

- Rear zone and speed control
- Locate parking space
- Side position - 2 or 3 Feet
- Stop even with space
- Go forward
- Back to rear pivot point
- Check left-front corner
- Creep and turn wheel fully
- Move car to 45^{o} angle
- Creep and time turning to clear front car
- Straighten tires - center car

Parallel Parking Drill (2)

- Approach (3 feet from vehicles)
- Stop at rear limit of both vehicles
- Turn wheel all the way right
- Back slowly until the inside corner of the vehicle behind can be seen **in the driver side mirror.** Stop.
- Back until your right front is even with the rear of the forward vehicle. Stop.
- Turn wheel all the way left
- Back slowly until vehicle is parallel to curb
- Pull forward (if needed) for spacing.

Parallel Parking Drill (3)

Advanced Drill

- Have student practice procedure in a **moderate to busy** environment.
- Keep the student focused and not ***worried*** about the traffic or others around them.
- After a failed attempt, do not try to correct and continue; leave the space and find another area or go around the block to “reset.”

End of Behind-the-Wheel Lesson 8 Drills