

In-Car Guide Drills

Drive #3 – On the Road

Combine Lessons 3-4
into one lesson

BTW time: 60 minutes each driver

Total BTW time: 2 hr. 30 min.

Lane Position Demonstration Drill

In a simple environment:

Have the student demonstrate

- Lane position 1
 - Uses Right 3 ft. Ref Pt in a 12 foot lane.
- Lane position 2
 - Left limit reference point
- Lane position 3
 - Right limit reference point
- Lane position 4 & 5
 - Best demonstrated in an off-street, but it is important that the instructor is assured that the student knows and can accomplish these if needed.

“Target or Tracking” Drill

- Simple environment.
- Kindergarten application
 - “Color between the lines”
- Student is asked to enter and successfully navigate turns
- Observer can call out the position that the driver “should” be in or the driver can use limited commentary driving.
- Check for reference point and mirror use when targeting clearly isn’t possible.

Pre-Turn Drill

- Instructor should make a definite point about checking “turn head before turn wheel” early and often in these first lessons.
- On approach to the turn, the instructor simply asks “what do you think you target will be?”
- If waiting until stopped, head check sufficient.

LOS Identification Drill

- While driving in simple environments, ask the student to describe line-of-sight hazards as they come across them.
- Note a tendency some students have to ignore the “small stuff” in deference to the big items
 - Traffic Signal intersections are big
 - Uncontrolled intersections may be quite small

POT Identification Drill

- While driving in simple environments, ask the student to describe path-of-travel hazards as they come across them.
- Residential neighborhoods at low speeds are an excellent environment for POT Restriction identification
- Add variables to discussion (road/weather)

LOS – POT Observer Drills

Both line-of-sight and path-of-travel restriction discovery can be delegated to the back seat observer.

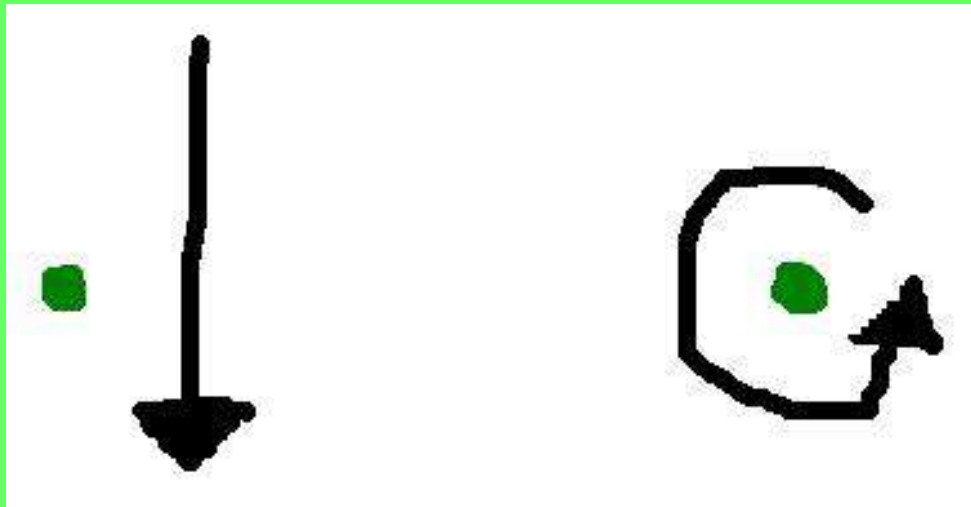
“I spy” game

Backing Straight Drill

- Very similar to the targeting drill in first lessons, except this time backwards.
- Parking lot only; perhaps after a driver before finishing for the day.
- Reinforce proper seating/hand position.
- Be ready to block the wheel to stop the student from turning too far out of the path while in reverse
 - Easy mistake, turning wheel backwards when driving backwards.

Backing Pivot Drill pt 1

- Need a parking lot with “poles” and space.
- Have student pull up to the pole approximately 3 feet away on the side
- Have them back around poles slowly



Backing Pivot Drill pt 2

- Parking lot application first
- Set up “driveways” that the student should pull past and back into.
- Correct forward and side position on approach.
- Correct posture and hand placement.
- Correct application of pivot point
- Only back as far as necessary
 - Extra backing means extra risk!

Back-in Turnabout – Right Drill

Right Side Driveway Turnabout

- Have student pull past the driveway. (to Pivot point)
- Shift to reverse.
- 360 degree search
 - Back to pivot point if the student overshot.
- Signal to the right? Or just back-up lights?
- Back and turn to the right into driveway.
 - Back only to the front limit
- Shift to Drive.
- 180 degree search. Check related zones.
- Re-enter traffic. Student should target to right.

Drive-in Turnabout – Left Drill

Left Side Driveway Turnabout

- Have student pull forward into the driveway.
- Shift to reverse.
- 360 degree search and back to the pivot point.
- Stop before the sidewalk
 - check again to find a suitable gap in traffic.
- Signal to the right? Or just back-up lights
- Back and turn to the right into lane.
- Shift to Drive.
- Check related zones.
- Re-enter traffic

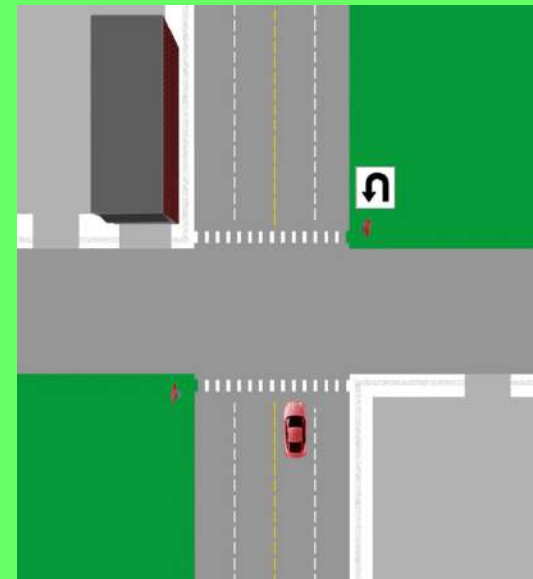
3-Point Turnabout Drill

Note: This type of turnabout is used in areas that are too narrow to make U-turns. The rules governing U-Turns apply to the three point turnabout as well.

- Approach - Check traffic, move to LP-3
- Signal left, Check all zones, turn wheel completely left.
- Move slowly stop at front limit reference point.
- Reverse, 360 degree search, turn wheel completely right.
- Back slowly and only as far as necessary.
- When in position, shift to drive, zone check before moving.

U-Turn Drill

- Determine that U-Turn is legal for location.
- 360 degree check. Slow speed
- Target new lane.
- At transition peg for a left turn, student begins to straighten the wheel.
- Accelerate smoothly out of the turn



End of Behind-the-Wheel Lesson 3 Drills

In-Car Guide Drills

Lesson 4 – On the Road

LOS-POT Identification Drill

- Introduce the concept of space management by asking them to identify both line-of-sight and path-of-travel restrictions that occur within:
 - 15-20 Seconds
 - 10-12 Seconds
 - 4-6 Seconds

Zone Game (Drill)

This game requires you to give part of the information by detecting LOS-POT restrictions.

- The teen is to add information to confirm it.
- For example, you may say “I FIND a LOS change in the left front zone” to cue the student to know what to search for.
- His response may be “I see the truck in my left front zone”.
- Provide positive feedback for the correct response.

Timing Drill (Game)

- All occupants “play”
- Instructor calls out a landmark.
- Student has 2 seconds to state a number
- The number is how many seconds from origination point to the landmark.
- Student must answer in 2 seconds or “lose”
- Rotate – ask Observer.

For extra engagement; allow students to “test” instructor! 😊

Zone Game (Drill)

Variation 1:

- You may vary this game by switching roles, using the observer (or even the instructor)
- You may also say “Front zone POT” to allow the student(s) to identify WHICH zone has the particular POT restriction.
- Student would then search the zones and answer with the correct response, such as “I see the red traffic light”.
 - You can also say “red traffic light “ whereby the student would respond “POT closed front zone”.

Zone Game (Drill)

Variation 2:

- You may vary this game by asking for “other” zones to check when a particular zone is identified.
- You may also say “Front zone POT” in order to elicit a “check rear zone” of some other correct zone.
- This variation helps students to connect the “cause and effect” of good zone control and can be used in multiple driving environments.

Zone Control Peer Drill

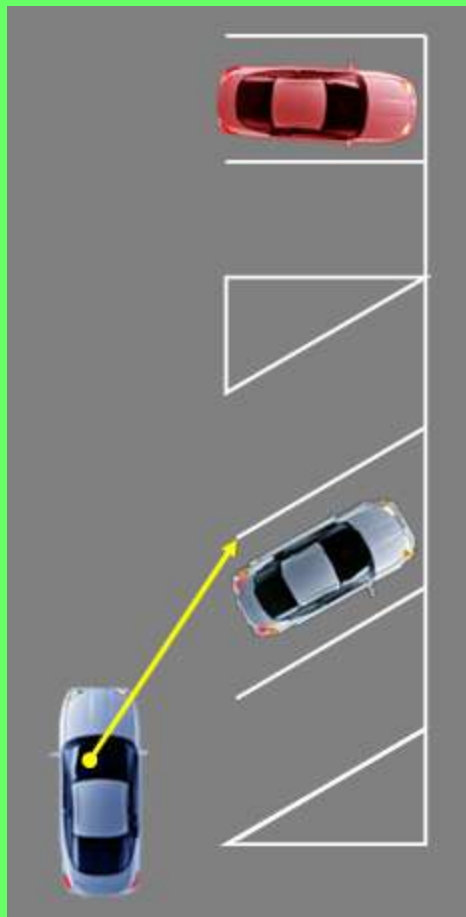
Advanced Lessons only

- The instructor calls out an upcoming LOS or POT Restriction in the 12-15 second area.
- The student responds by verbalizing the “Solve” and/or “Control” response to the stimulus.
- After a few successful results, the observer takes over as both the caller and the “solver.”

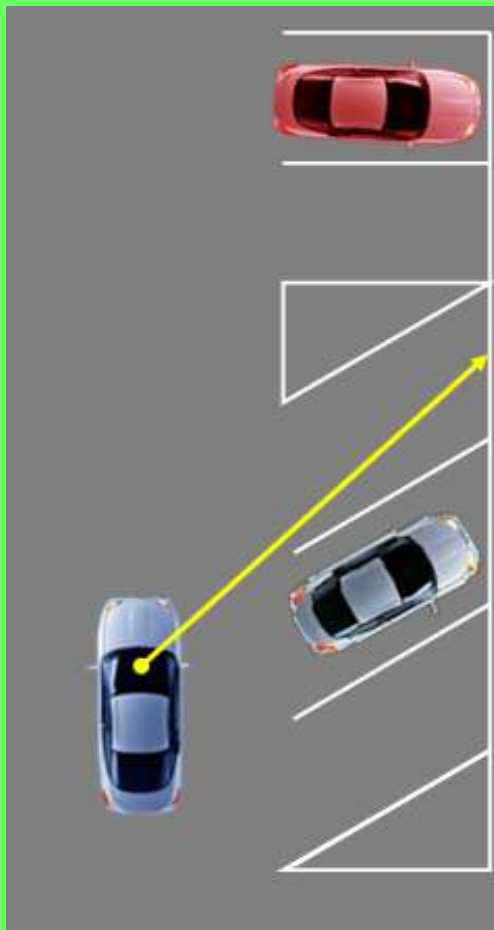
Angle Parking Drill

- On Approach,
 - Student checks all zone conditions
 - Signals and is 6–8 feet of side space away from the parking space¹
 - Reference right front corner of hood to end of space lines
- Stop at Forward Position
 - Center of Space seen without vision cutting across parking line²
- Move slowly – turn wheel quickly
- Line up with Target and Straighten car and tires
- Stop at Forward Reference Point
 - When parked to the right as illustrated, the curb will appear forward of the right corner post³

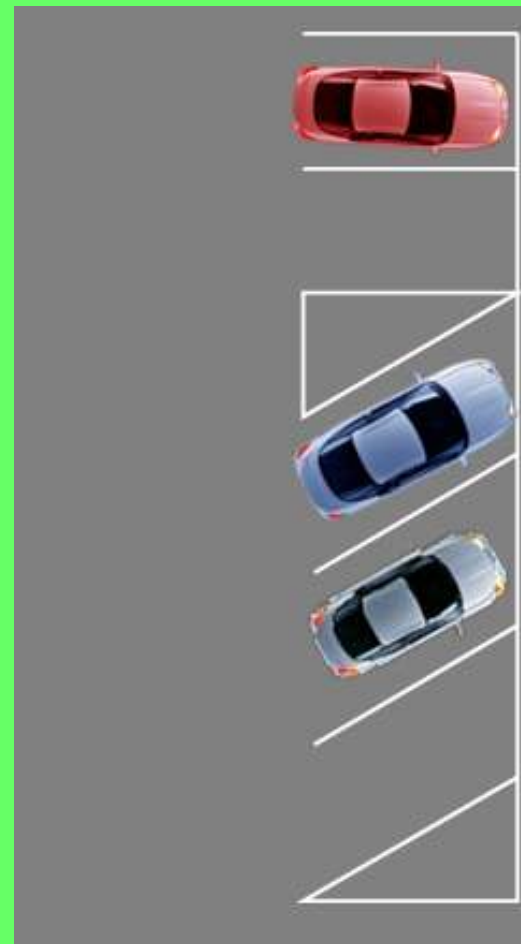
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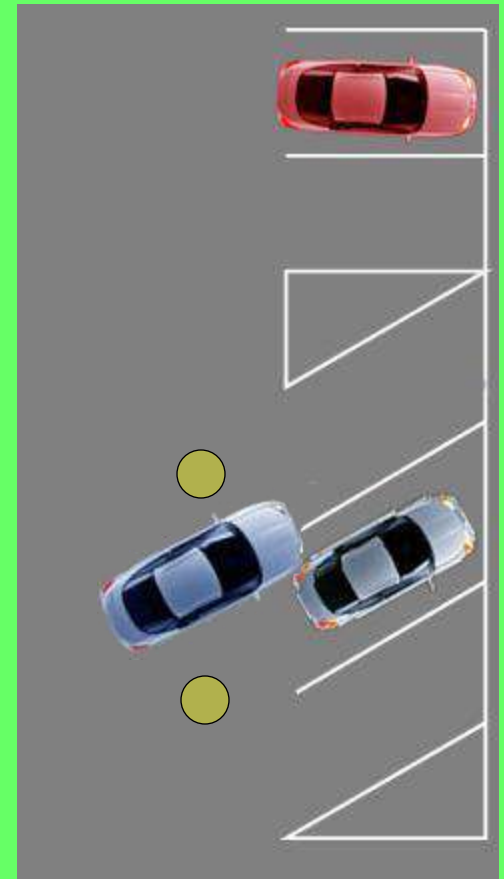
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Forward Parking Drill

To “Un-park”

- Check Traffic (LOS-POT)
- Back Slowly
- Check All Corners
- Clear Fender – Turn*
- Straighten Car
- Tires Straight
- Shift to Drive



End of Behind-the-Wheel Lesson 4 Drills