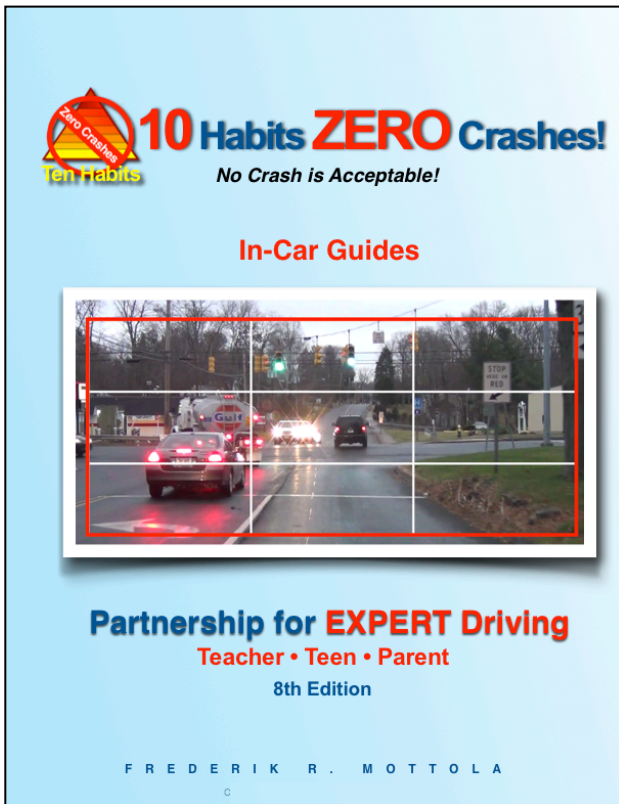


Lesson Six

Partnership for Expert Driving

Preparation for In-Car Success



by

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Lesson 6 Tips for Parents/Mentors

THE DRIVING SETTING: Use residential roadways, rural two and four lanes, urban areas, and open secondary highways with two to six lanes of traffic. For practice of Guide 23 use an off-street training area. Use an available parking space or mark a 10 by 18 foot area with traffic cones or carton boxes to represent a parking space. After practice, use a parking space with cars to both sides. If only one car is available to park next to, let the car be on the passenger side as the car is backed into the space.

OBJECTIVES of this LESSON: One of the major objectives of this lesson is to avoid unnecessary acceleration into closed zones. Timing of traffic lights gives the driver an opportunity to save fuel and increase awareness of traffic events, which leads to good space management. The teen should demonstrate the ability to visualize a “go” or “slow” condition in the Matrix’s A Window. Seeing a red traffic light early enough to be able to reduce speed gradually for several seconds will give the red light time to change to green and eliminate the need for you to stop. The most gas-consuming phase of driving is putting the vehicle into motion from a stopped position. Every traffic light one can avoid stopping at results in reduced stress, fuel conservation, and a reduction of exposure to rear-end crashes.

Objectives for Lesson Six

At the completion of Lesson Six's activities you should be able to successfully explain, demonstrate, or perform the following actions.

Lesson 6 Tier Two: Building the House of Habits



Review Habit 5: Use Matrix to Find LOS-POT Blockages
1. Demonstrate how to find LOS-POT Blockages in the Matrix A Window.



Review Habit 6: Turn Decisions into Zone Control Actions
2. Demonstrate where your PONR is when approaching a green traffic light.



Review Habit 7: Control the Danger Square
3. Locate LOS-POT Blockages while approaching Danger Squares.



Review Habit 8: Get Rear Zone Control
4. Demonstrate how to evaluate and control rear zone when stopping in traffic.



Review Habit 10: Interact Courteously with Others
5. Find at least three situations where you can be courteous to others.

Guide 20 Traffic Light Timing (Repeat each at least three times)



6. Use A Window of the Matrix to manage "Go" or "Slow" approach to lights.



7. Demonstrate how to do a 45-degree search on approaches to green lights.



8. Demonstrate a 90-degree search before moving when the light turns green.

Guide 21 - Entering Exiting Roundabouts (Repeat each at least three times)



9. Explain how you would yield to other traffic and the direction you will turn.



10. Demonstrate how to use your outside mirror when exiting the roundabout.

Guide 22 - Precision Lane Change (Repeat each at least three times)



11. Demonstrate how to use outside mirrors to find a gap or hole to enter.



12. Demonstrate when and how to use the signal indicator for a lane change.



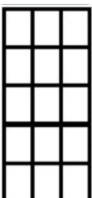
13. Demonstrate the use of Lane Positions for making a precision lane change.

Guide 23 - Backing into Perpendicular Space (Repeat at least three times)

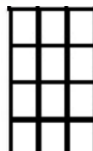


14. Use the Coach's Guide 23 and perform each step, one at a time. When one step is performed incorrectly, start over again at step one.

Key Behavioral Patterns

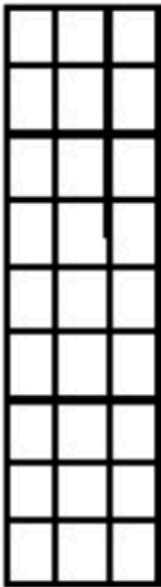


- See Red Light as Closed Zone
- Adjust speed to get Green Lt.
- 45 degree Intersection Search
- Rear, Gap, Path, Light checks
- Use ABCs of Zone Control



- Evaluate before Lane Change
- Use LPs during Lane Change
- Time arrival for open side zone
- Perpendicular, backs In space

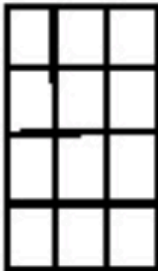
20: Traffic Lights: Timing



1. See Light In Target Area
2. See Red Light As Closed Zone
3. Check Rear Zone
4. Alert Rear – Tap Brake Lights
5. Begin Constant Braking
6. Time Arrival Into Open Zone
7. At 10 mph, Go or Stop
8. Green Light, Scan Intersection
9. Red Light, Make Smooth Stop

Left Turn At Green Light

- **Waiting For Opening Get 1/4 Into Intersection**



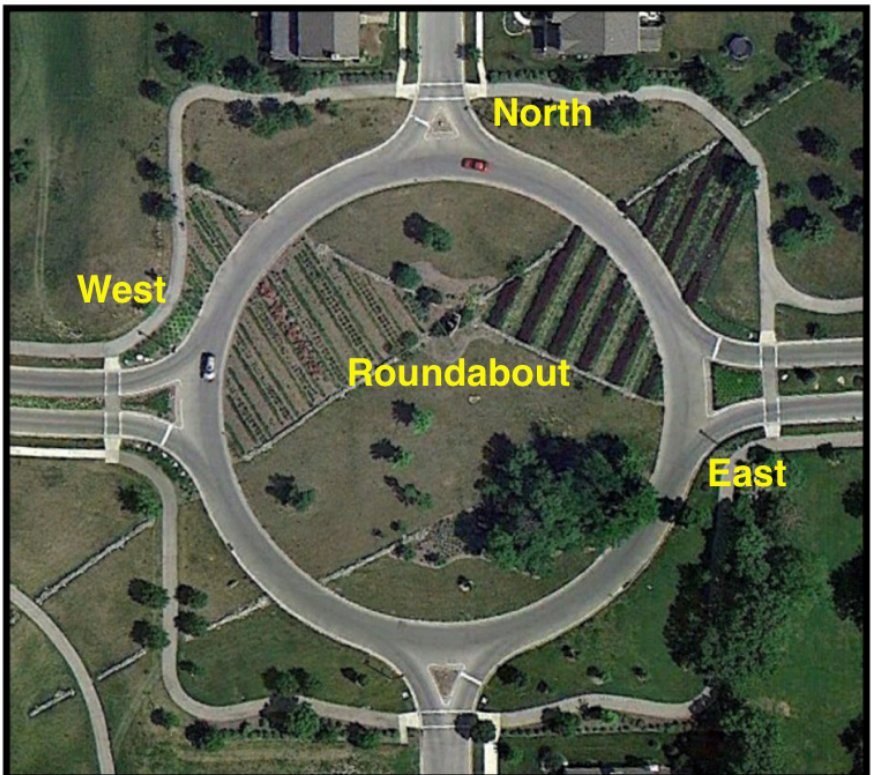
1. Check **REAR** until stable
2. Look for a **GAP/HOLE**
3. See Open **PATH** to enter
4. See **LIGHT** change

Four Searches at a green light waiting to turn. Enter no more than $\frac{1}{4}$ way into intersection, **but only if you are certain you will be able to leave when the light changes.** 1. Check **REAR** for Unstable Zone of fast closing traffic and continue monitoring until there are at least two vehicles stopped in back of you. 2. Look for a **GAP** to enter in the traffic flow. 3. See an open turning **PATH** you want to enter. 4. See the **LIGHT** changing to yellow; look to see if oncoming traffic is stopping. If able, complete your turn without delay.

21: Entering Exiting Roundabouts

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1. See Roundabout In Target Area
2. Decide which exit to take
3. Yield to left, enter to right
4. Be alert to others entering
5. For multiple lanes, enter inside
6. To exit, lane change to outside
7. Use signal light
8. Use outside mirror
9. Look into exiting path



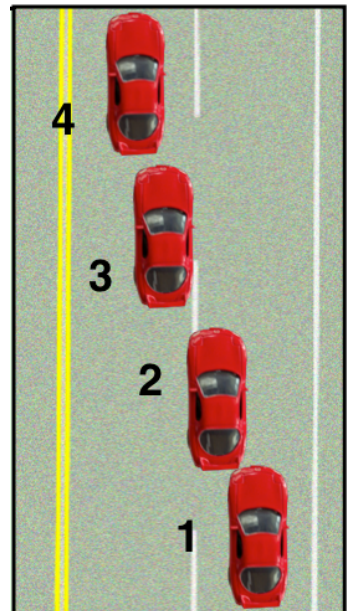
22. Precision Lane Change

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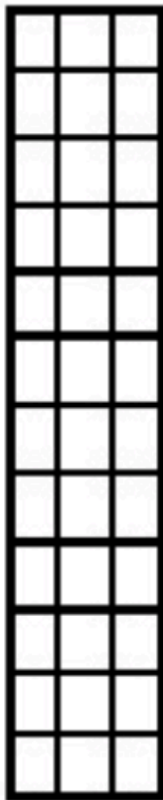
1. Why Change?
2. Check Other Lanes
3. Mirror Checks
4. Signal For Communication
5. Move To LP 2 or LP 3
6. Check Blind Spot
7. Time Arrival Open Side Zones
8. Increase Speed If Needed
9. Enter LP 2 or LP 3
10. Release Signal Light Lever
11. Mirror Check
12. Best Lane Position

Four Key Steps for Precision Lane Change

1. Use outside mirror to find potential gap or hole.
2. Signal, move into LP2, view outside mirror, locate gap, check blind area.
3. MOST IMPORTANT, only move into LP3 to provide an escape path for speeders.
4. Check rearview mirror, get proper speed, take LP1.



23: Perpendicular Parking - Backing Into Space



1. Side Position
2. Forward Position
3. Select 45-Degree Target
4. Creep - Turn Wheel Fast
5. Use The Least Forward
6. Line Up Car With Space
7. Shift To Reverse
8. Back To Rear Pivot Point
9. Inch - Turn Wheel Fast
10. Get Car Straight In Space
11. Inch - Straighten Tires
12. Back To Rear Reference

