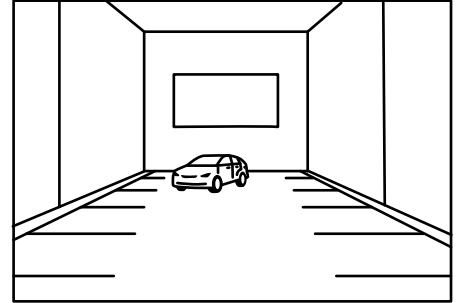
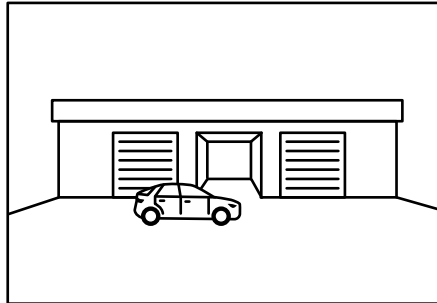
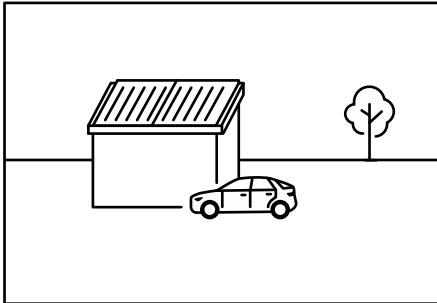
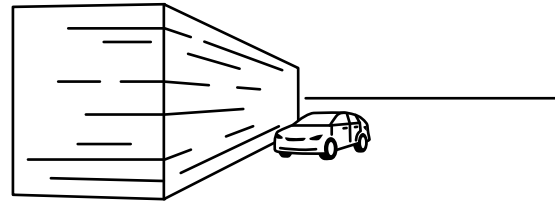


Data Collection Guide: Step by Step



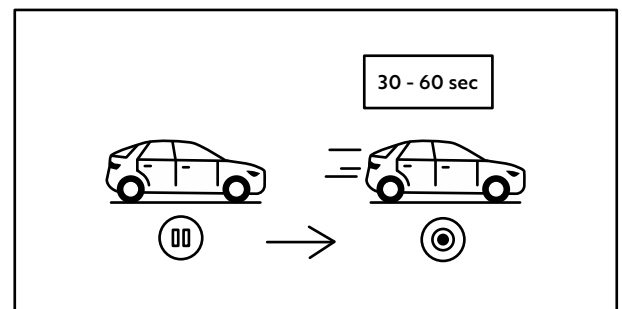
1 Choose the environment

Vehicle must be very close to a **tall, wide, and solid** static structure for the entire recording.



2 Record the data

- Start recording when **stationary**
- Record while moving for **30-60 seconds**

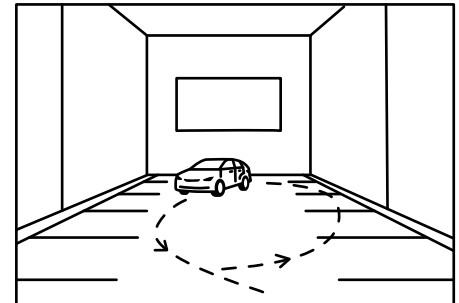
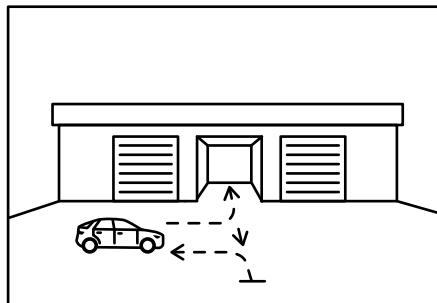
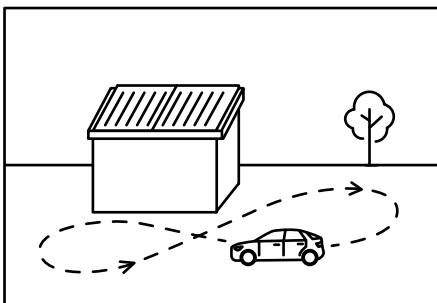


3 Move the vehicle

- The vehicle's path must **close or cross itself**
- Pass within 3m of structure, the closer the better

Ideal motions:

- Figure-8
- Three-point turn
- Loop

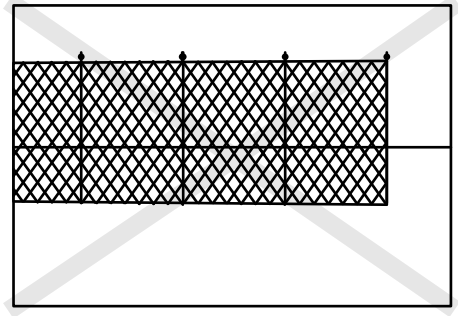
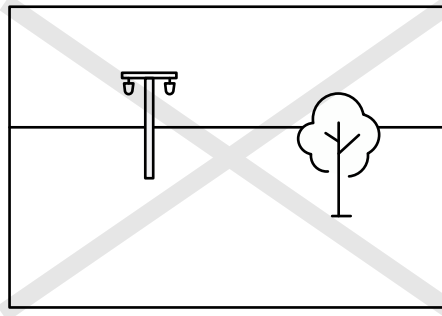
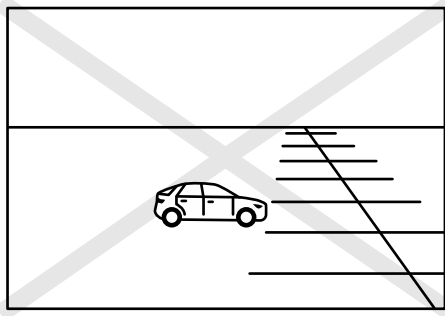
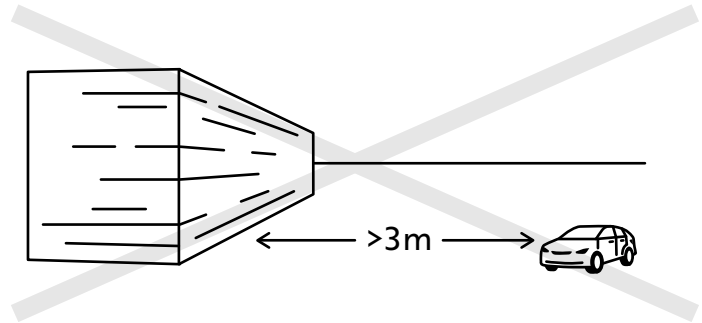


Data Collection Guide: Scenarios to Avoid



Environments to avoid:

- Too distant ($>3m$) from useful structure
- Non-useful structures are:
 - Small ($<3m$ high)
 - Narrow ($<1m$)
 - Not solid



Motions to avoid:

- Long paths ($<200m$)
- Paths that do not cross or close a loop
- Straight lines

