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**Purpose Auto VR Sim Sequences: Automotive Technology**
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**Automotive Maintenance & Light Repair**
Purpose Auto’s immersive, task-based VR simulations provide foundational training in key areas of automotive technology—including starting issues, oil changes, suspension systems, brakes, and electrical components. These simulations prepare learners for entry-level roles in automotive maintenance and light repair.

Participants build skills through hands-on virtual practice and real-time performance feedback. Over a total of 3.6 hours, learners must demonstrate a performance level of at least 90% to complete the program, with outcomes assessed through Purpose Auto’s built-in evaluation system.

**Program Summary**

* **Total Duration:** 216 Minutes (3.6 Hours)
* **Total Simulations:** 15
* **Key Modules:** Automotive Fundamentals, Auto Body / Collision

**Simulation Modules and Learning Outcomes**

| **Module** | **Simulation** | **Learning Outcome** | **Duration (min)** |
| --- | --- | --- | --- |
| Automotive Fundamentals | Controls Tutorial | Learn to use the VR controllers effectively within the automotive environment. | 3 |
| Automotive Fundamentals | Jack, Jack Stands & Lift Safety | Understand and demonstrate safe use of jacks, jack stands, and vehicle lifts. | 22 |
| Automotive Fundamentals | Safety Awareness: Airbags, ABS, ADAS & HV Batteries | Learn proper procedures for handling and disabling safety systems such as airbags and high-voltage batteries. | 15 |
| Automotive Fundamentals | Engine Oil Change | Perform a complete engine oil and filter change. | 10 |
| Automotive Fundamentals | Fuel System Safety | Demonstrate safe bleeding procedures for fuel systems. | 17 |
| Automotive Fundamentals | Fuel System Fundamentals | Identify and understand air induction and fuel system components. | 15 |
| Automotive Fundamentals | Battery Safety and Service | Safely remove, replace, clean, test, and charge vehicle batteries. | 18 |
| Automotive Fundamentals | Starting and Charging Systems | Identify and test basic starting and charging components. | 19 |
| Automotive Fundamentals | Engine Cylinder Compression Test | Learn to perform and interpret a cylinder compression test. | 18 |
| Auto Body / Collision | Electrical Tools: Test Light | Use a test light to check fuses, relays, and ground continuity. | 6 |
| Auto Body / Collision | Connector and Terminal Repairs | Perform splicing, repair, and connector/terminal installations. | 15 |
| Automotive Fundamentals | Suspension System Types | Identify different types of vehicle suspension designs. | 14 |
| Automotive Fundamentals | Steering System Types | Identify various vehicle steering system designs. | 16 |
| Automotive Fundamentals | Disc Brake Pad Replacement | Inspect, remove, and replace disc brake components and pads. | 15 |
| Automotive Fundamentals | Drum Brake Shoe Replacement | Inspect, remove, and replace drum brake components and shoes. | 13 |