

Lab - Under The Vehicle

Students: 1. _____
 2. _____
 3. _____

Date: _____

Block: _____

Team members will need to answer questions from the instructor to receive credit for this lab.

VEHICLE IDENTIFICATION	
Year:	Make:
Model:	Mileage:
VIN Number:	
ACTIVITY	
1	The underside of the vehicle can tell you a lot about it. In order to gather this information, you need to know where these parts are. Locate the following parts. Check off as you go.
LOCATE	
2	Muffler, exhaust pipe. Catalytic Converter _____
	Emergency Brake Cables _____
	Fuel Tank _____
	Fuel Lines _____
	Fuel Filter _____
	Brake Lines _____
	Does this vehicle have a frame, or is it a "unibody?" _____
	Engine Oil Pan & Drain Plug _____

Starter Motor _____

Drive Shaft or Drive Axles - is this vehicle front or rear wheel drive? _____

Shock Absorbers _____

Springs (bears the weight of the car)

circle: [leaf springs] [coil springs] [torsion bar springs] _____

Transmission (provides forward and reverse gears) _____

Rear and/or Front Differentials _____

Brake Drums (part of the drum brakes) _____

Brake Rotors (part of the disc brakes) _____

Constant Velocity (CV) Joints (joints in the drive axles) _____

Steering Components (controls the direction of the car)

circle: [Rack & Pinion Steering Gear] [Steering Box] _____

Inner & Outer Tie Rod Ends (attach the rack & pinion to the wheels) _____

Lower (& Upper if applicable) Control Arms _____

Lower (& Upper if applicable) Ball Joints _____

Transmission Fluid Plug _____

Differential Fluid Fill & Drain Plugs (if vehicle is 4X4 locate on BOTH differentials) _____

STOP!

INSTRUCTOR'S INITIALS:

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