

Vehicle Design Process

Vehicle Type & Year

1. Record the vehicle's price, top speed, 0-60 time, and weight in pounds:

Price	Top Speed	0-60 Time	Weight (lb)

2. Using the vehicle's weight, record DEFENSE, HANDLING, and number of upgrades.

DEFENSE	HANDLING	UPGRADES

3. Determine the vehicle's quality by consulting the price guide; use the adjusted price (add 10% for each year of age) not the original price.
4. Increase the vehicle's number of upgrades according to its quality.
5. Note the vehicle's equipment bonus.

AGE	ADJ PRICE	QUALITY	UPGRADES	BONUS	

6. Determine ACCEL (20 divided by 0-60 time).
7. Determine HEALTH (square root of weight).
8. Determine SOAK by vehicle type.

ACCEL	HEALTH	SOAK

9. Add upgrades if required.

<i>Name (year)</i>
<i>Quality, type (bonus)</i>
Occupants ____; weight _____ lb
SPEED ____ (____ mph); ACCEL ____ (____ secs); HANDLING ____
HEALTH ____
DEFENSE ____; SOAK ____
Upgrade slots ____
Value \$ _____