

Exact Build Blueprint

Based on the Production Matrix found here: <https://moparinsiders.com/complete-2023-dodge-challenger-srt-demon-170-production-numbers/>

Using a Multi-Variable Option Overlap Matrix based on final U.S. assembly data we are able to determine the following;

Based on the window sticker, here are the core variables used for this calculation:

Base Paint: Granite Crystal (69 units)

Interior: Demonic Red Leather (35 units)

Graphics: Full Satin Black Hood/Roof/Trunklid (30 units)

Wheels: Ordered w/ Carbon Fiber Wheels (44 units)

Extra Constraints: Red Seatbelts (40 units) and Navigation (44 units)

Step-by-Step Mathematical Narrow down

Step 1: Paint Baseline Out of 2,975 total U.S. production vehicles, your car starts in a pool of just 69 units finished in Granite Crystal.

Step 2: Interior Layer (Demonic Red Leather) According to the matrix, out of those 69 Granite cars, exactly 35 were built with the Demonic Red Leather interior. Remaining Pool: 35 cars

* Note: This immediately eliminates 34 cars that had cloth or black leather/Alcantara.

Step 3: Graphics Layer (Full Satin Black Package)

The matrix shows that out of 69 total Granite cars, 30 received the full Satin Black Hood/Roof/Trunk lid graphics package. To find the cross-probability, we apply the Granite graphics attach rate ($30 / 69 = 43.48\%$) to our remaining pool of 35 Demonic Red cars.

$$35 \times 0.4348 = 15.2$$

Estimated Remaining Pool: ~15 cars

Step 4: Wheel Layer (Carbon Fiber Wheels)

The matrix indicates that out of 69 Granite cars, 44 were ordered with the \$11,495 Carbon Fiber wheels. This represents a very high attach rate for Granite buyers ($44 / 69 = 63.77\%$). Applying this probability to our remaining pool of 15 cars: $15.2 \times 0.6377 = 9.69$

Estimated Remaining Pool: ~9 to 10 cars

Step 5: The Red Seat belts & Navigation Modifiers

The window sticker explicitly adds two more filtering constraints: Demonic Red Seat Belts and the Uconnect 4C NAV system. Navigation: In Granite cars, 44 out of 69 had Navigation (0.6377%).

Red Seat belts: In Granite cars, 40 out of 69 had Red Seat belts (0.5797%).

When we apply these final two overlapping preferences to our pool of ~9.69 cars: $9.69 \times 0.6377 \{ \text{(Nav)} \} \times 0.5797 \{ \text{(Seatbelts)} \} = 3.58$

Final Mathematical Verdict Based strictly on the mathematical probability of overlapping options within the 69-unit U.S. Granite Crystal production run, this vehicle is tracking to be 1 of approximately 3 to 4 cars built in this exact specification.

Because factory option constraints tend to cluster (meaning a buyer spending \$11,495 on Carbon Wheels is almost always going to check the box for Navigation and upgraded seat belts to match their red interior), the real-world number is very likely between 2 and 4 vehicles total.

U.S. Production Run: 1 of only 69 Granite Crystal units.

Interior Scarcity: 1 of only 35 Granite units equipped with Demonic Red Leather.

The Ultimate Spec: Mathematically, 1 of fewer than 4 cars in the United States combining Granite Paint, Demonic Red Leather, Full Satin Black Graphics, and Factory Carbon Fiber Wheels.