

# 1970 Dodge Challenger

## Factory Power Sunroof Cars - Option Code M51

Total 1970 Dodge Challengers shipped to the USA market: 196 units.

- Base Challenger (JH23) – 114.
- Challenger R/T (JS23) – 82.
- Challenger T/A (JH23J) – 3 known – Included in the Base Challenger numbers.

American Sunroof Corporation (ASC) established a facility in the Detroit area in the late 60's to install Golde style power sunroofs in a select few cars models coming out of the Detroit assembly plants. This caught the attention of Chrysler, and a deal was struck with ASC to install their power sunroof in Dodge Chargers for the 1969 model year. Even with the low production numbers, the option was continued on the 1970 Charger, and expanded to the new Challenger.

Cars that were ordered or designated to have an ASC power sunroof were initially started down the assembly line, then pulled off the line at a certain point to be shipped off to ASC's facility. After ASC installed the power sunroof, the cars were shipped back to the factory where final assembly was completed.

Vinyl tops were required on all sunroof cars. This was a time saving measure for ASC, and a cost saving measure for Chrysler. ASC didn't have to be careful with the metal and paint around the sunroof area during the installation. Once the sunroof assembly was installed, they covered up any scratches and dings with a little filler and primer, and then installed the vinyl roof.

With all the extra logistics involved in offering a sunroof, you might think that this option was an expensive one. You would be correct! The price tag for this factory option was a whopping \$461.45! To put this in perspective, a base 318 Challenger sold for \$2953. Heck, the only option more expensive than the sunroof was checking off the box that said "Hemi" (\$778.75).

The option code for the power sunroof is M51, but this code does not appear on the fender tag. What usually appears on the fender tag to identify 1970 "factory" power sunroof Challengers is a special six digit vehicle order number (VON). The VON will start with K00 for "factory" sunroof cars.

Unlike the 69-70 Chargers that followed this VON rule, something different occurred with the 70 Challenger line. Several 70 sunroof Challengers did not receive a K00 VON, but the option shows up on the broadcast sheets. The current working theory is that 1970 Challengers ordered up directly from Headquarters or the Assembly plant got the special VON, while 70 Challengers ordered by customers through dealerships got the standard numeric VON.

On the following pages are all the surviving 1970 Dodge Challenger sunroof cars that I have run across since I started documenting this rare option. Many thanks to all that have helped me track down these cars - esp. Dan P., Ola, Barry W., William W., and John B.

**1970 Challenger R/T**

Paint EV2-Hemi Orange Top Black Inter. White Engine/Trans Hemi / 4-Spd  
(The Juliano car)



**1970 Challenger R/T**

Paint FF4-Light Green Top ? Inter. ? Engine/Trans 440-6 / Auto  
(Facebook post: Factory 6 Pack Mopars)



**1970 Challenger R/T**

Paint Red Top Black Inter. White Engine/Trans 440-6 / 4-Spd  
(www.moparts.org member)



**1970 Challenger R/T**

Paint FF4-Light Green Top Green Inter. Green Engine/Trans 440-4 / 4-Spd  
(Facebook Mopar Trader Page - SOLD early 2016)



**1970 Challenger R/T**

Paint B5-Bright Blue Top White Inter. White Engine/Trans 440-6 / Auto  
(Barrett Jackson Scottsdale 2005)



**1970 Challenger R/T**

Paint FC7-Plum Crazy Top Black Inter. Black Engine/Trans 440-4 / Auto  
(Graveyard Cars restoration)



**1970 Challenger R/T**

Paint                      Top    Inter.    Engine/Trans  
EK2-Go Mango        Black   Black   440-4 / Auto  
(Mopar Collector Guide Feb 1995 Issue)



**1970 Challenger R/T**

Paint                      Top    Inter.    Engine/Trans  
White/Red              ?       Orange   440-4 / Auto  
(Hotrod Hanger Facebook Page)



**1970 Challenger R/T**

Paint                      Top    Inter.    Engine/Trans  
B3-Light Blue        White   Blue   440-4 / Auto



**1970 Challenger R/T**

Paint                      Top    Inter.    Engine/Trans  
TX9-Black              Black   Orange   440-4 / Auto  
(Victim of garage fire)



**1970 Challenger R/T**

Paint                      Top    Inter.    Engine/Trans  
EB7-Dark Blue        White   Blue   440 / ?  
(1969-1975 sunroof mopars Facebook page)



**1970 Challenger R/T**

Paint                      Top    Inter.    Engine/Trans  
FC7-In Violet        Black   Black   383-4 / 4-Spd  
(Currently at Alan Gallant Automotive Restoration)



Photo by Alan Gallant

**1970 Challenger R/T**

Paint Top Inter. Engine/Trans  
FC7-Plum Crazy Black Black 383-4 / 4-Spd  
(www.moparts.com member)



**1970 Challenger R/T**

Paint Top Inter. Engine/Trans  
FE5-Rallye Red Black Black 383-4 / Auto  
(Currently at Alan Gallant Automotive Restoration)



Photo by Alan Gallant

**1970 Challenger R/T**

Paint Top Inter. Engine/Trans  
FC7-Plum Crazy White White 383-4 / 4-Spd  
(R/T Restorations in 2010 and on FaceBook 2015)



**1970 Challenger R/T**

Paint Top Inter. Engine/Trans  
FC7-Plum Crazy White White 383-4 / Auto  
(eBay sale 2013)



**1970 Challenger R/T**

Paint Top Inter. Engine/Trans  
EV2-Hemi Orange ? White 383-4 / 4-spd  
(Facebook post)



**1970 Challenger R/T**

Paint Top Inter. Engine/Trans  
Orange Black Black 340-4 / 4-spd  
(2007 Place d'Orleans Car Show, Ottawa, Ontario)



**1970 Challenger R/T**

Paint	Top	Inter.	Engine/Trans
Red	Gator	Black	? / ?

(www.cuda-challenger.com forum)



**1970 Challenger T/A**

Paint	Top	Inter.	Engine/Trans
Green	?	?	340-6 / 4-Spd

(www.moparts.org forum)



**1970 Challenger T/A**

Paint	Top	Inter.	Engine/Trans
FT6-Dark Tan	Black	Tan	340-6 / 4-Spd

(www.moparts.org forum)



**1970 Challenger**

Paint	Top	Inter.	Engine/Trans
EK2-Mango	White	Orange	383-4 / Auto

(www.junkyardfind.com)



**1970 Challenger T/A Prototype**  
 (This car may or may not still exist)

Paint	Top	Inter.	Engine/Trans
?	?	?	340-6 / ?

('70-'71 Cudas and Challengers Facebook page)



Photo by Jeff Bangert

**1970 Challenger**

Paint	Top	Inter.	Engine/Trans
TX9-Black	Black	Black	383-4 / Auto

(Barrett Jackson Scottsdale 2009) (Now Red)



**1970 Challenger**

Paint Top Inter. Engine/Trans  
FJ5-Lime Green White White 383-2 / Auto  
(For sale on [www.volocars.com](http://www.volocars.com) in 2013)



**1970 Challenger**

Paint Top Inter. Engine/Trans  
FF4-Light Green Green Green 318-2 / Auto  
(Now Plum Crazy/Black/Black)(For sale in NH)



**1970 Challenger**

Paint Top Inter. Engine/Trans  
Red Black Black 340-4 / Auto  
(For sale in Shelbourne, Ontario - Nov. 2015)



**1970 Challenger**

Paint Top Inter. Engine/Trans  
EB5-Bright Blue Black Black 318-2 / Auto  
([www.cuda-challenger.com](http://www.cuda-challenger.com) forum)



**1970 Challenger**

Paint Top Inter. Engine/Trans  
FE5-Rallye Red Black Black 340-4 / Auto  
(Forum post in For E-bodies Only)



**1970 Challenger**

Paint Top Inter. Engine/Trans  
TX9-Black Black Black 318-2 / Auto  
(Sold on eBay Nov. 2013)



### 1970 Challenger

Paint 999-Charcoal(EA9)  
Top Black  
Inter. Red  
Engine/Trans. 318-2 / Auto  
(Reportedly the car was totaled early in its life)



### 1970 Challenger

Paint Red  
Top Black  
Inter. Black  
Engine/Trans. ? / ?  
(www.transamcuda.com forum)



(European style plates from Hamburg, Germany)  
**1970 Challenger**

### 1970 Challenger

Paint Brown  
Top Black  
Inter. Tan  
Engine/Trans. 383-4 / 4-spd  
(Possible R/T for sale on YouTube in 2008)



Paint Unknown  
Top ?  
Inter. ?  
Engine/Trans. ? / ?  
(www.cuda-challenger.com)



### 1970 Challenger

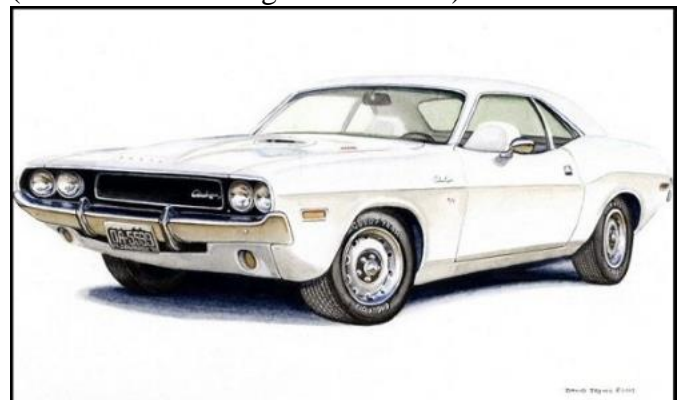
**(This car may or may not still exist)**

Paint FJ5-Sublime  
Top Black  
Inter. White  
Engine/Trans. ? / Auto  
(Dodge Challenger commercial)



### 1970 Challenger R/T

Paint EW1-White  
Top White  
Inter. Blue  
Engine/Trans. 383-4 / Auto  
(www.cuda-challenger.com forum)



(Sunroof was likely added)

**1970 Challenger**

Paint	Top	Inter.	Engine/Trans
Dark Burnt Orange	?	Orange	340-4 / Auto

(For sale on Craigslist in Gilbert, AZ Feb. 2015)



(Likely a 318 car with the Sunroof added)