

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) – 4 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 1970 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.

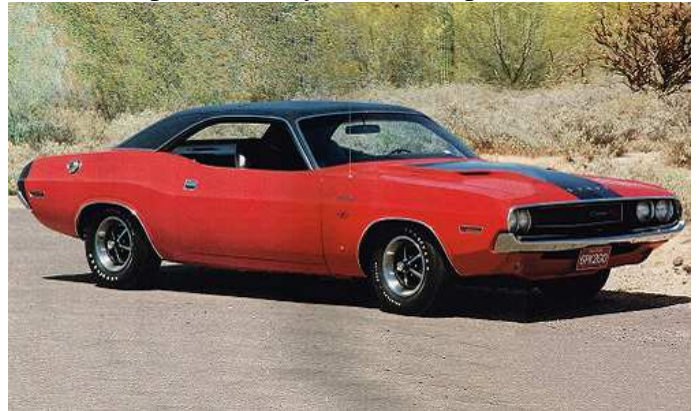
1970 Challenger R/T

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 Unk-Unknown Top Black Inter. Black Engine/Trans 440-6 / Auto
(BC sheet only - car may or may not still exist)



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 FF4-Light Green Top Green Inter. Green Engine/Trans 440-4 / 4-Spd
(Currently at Alan Gallant Automotive Restoration)



1970 Challenger R/T

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



1970 Challenger R/T

Paint Top Inter. Engine/Trans
EB7-Dark Blue White Blue 440-4 / ?
(1969-1975 sunroof mopars Facebook page)



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
FJ5-Sublime Black Black 440-4 / Auto
(Sold in 2016 - Heading to Alan Gallant in 2018)



1970 Challenger R/T

Paint Top Inter. Engine/Trans
B3-Light Blue White Blue 440-4 / Auto
(Awaiting restoration as of 2016)



1970 Challenger R/T

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



1970 Challenger R/T

Paint TX9-Black Top Black Inter. Orange440-4 / Auto Engine/Trans
(Victim of garage fire)



1970 Challenger R/T

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



1970 Challenger R/T

Paint FJ5-Sublime Top Black Inter. Black Engine/Trans 440-4 / Auto
(BC sheet only - car may or may not still exist)



1970 Challenger R/T

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



1970 Challenger R/T

Paint FC7-In Violet Top Black Inter. Black Engine/Trans 383-4 / 4-Spd
(Restored 2016 - Alan Gallant Auto Restoration)



1970 Challenger R/T

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



1970 Challenger R/T

Paint	Top	Inter.	Engine/Trans
FE5-Rallye Red	Black	Black	383-4 / Auto

(Restored 2016 - Alan Gallant Auto Restoration)



Photo by Alan Gallant

1970 Challenger T/A Prototype

(This car may or may not still exist)

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

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



Photo by Jeff Bangert

1970 Challenger R/T

Paint	Top	Inter.	Engine/Trans
FC7-Plum Crazy	White	White	383-4 / Auto

(eBay sale 2013)



1970 Challenger T/A

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

(www.moparts.org forum)



1970 Challenger T/A

Paint	Top	Inter.	Engine/Trans
EF8-Dark Green	Black	Black	340-6 / 4-Spd

(www.moparts.org forum)



1970 Challenger T/A

Paint	Top	Inter.	Engine/Trans
Beige	?	?	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

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 in 2013)



1970 Challenger

Paint Top Inter. Engine/Trans
Red Gator Black 383-2 / Auto
(2017 Mopar Nationals, Ohio)



Photo by: Rob Z.

1970 Challenger A66

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



1970 Challenger A66

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
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 forum)



1970 Challenger

Paint Top Inter. Engine/Trans
FF4-Light Green Green Green 318-2 / Auto
(Now Plum Crazy/Black/Black)(For sale NH 2015)



1970 Challenger

Paint Top Inter. Engine/Trans
TX9-Black Black Black 318-2 / Auto
(Car parted and dismantled 2016 - no longer exists)



1970 Challenger

Paint Top Inter. Engine/Trans
FK5-Dark Burnt Org Black Orang 318-2 / Auto
(Car show in Sweden in 2000)



1970 Challenger

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



1970 Challenger

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



1970 Challenger

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



(European style plates from Hamburg, Germany)

1970 Challenger

1970 Challenger

(This car may or may not still exist)

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



Paint Top Inter. Engine/Trans
Black ? ? 318-2 / ?
(1969-1975 Sunroof Mopars Facebook page)



1970 Challenger

1970 Challenger

Paint Top Inter. Engine/Trans
Sublime Black Black ? / ?
(Posted on Facebook)



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



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1970 Challenger R/T

Paint	Top	Inter.	Engine/Trans
EW1-White	White	Blue	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)