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 Dodge Challenger Sunroof Cars – Version: Nov. 09, 2018 - ©2018 Mopar Sunroof Registry 1970 Challenger R/T 1970 Challenger R/T

PaintTopInter.Engine/TransEV2-Hemi OrangeBlackWhiteHemi / 4-Spd(The Juliano car)



1970 Challenger R/T

PaintTopInter.Engine/TransRedBlackWhite440-6 / 4-Spd(www.moparts.org member)



1970 Challenger R/T

PaintTopInter.Engine/TransB5-Bright BlueWhiteWhite440-6 / Auto(Barrett Jackson Scottsdale 2005)



PaintTopInter.Engine/TransFF4-Light Green??440-6 / Auto(Facebook post: Factory 6 Pack Mopars)



1970 Challenger R/T

PaintTopInter.Engine/TransUnk-UnknownBlackBlack440-6 / Auto(BC sheet only - car may or may not still exist)



1970 Challenger R/T

PaintTopInter.Engine/TransFF4-Light GreenGreenGreen440-4 / 4-Spd(Currently at Alan Gallant Automotive Restoration)



1970 Challenger R/T

PaintTopInter.Engine/TransFC7-Plum CrazyBlackBlack440-4 / Auto(Graveyard Cars restoration)



1970 Challenger R/T

PaintTopInter.Engine/TransEK2-Go MangoBlackBlack440-4 / Auto(Mopar Collector Guide Feb1995 Issue)



1970 Challenger R/T

PaintTopInter.Engine/TransB3-Light BlueWhiteBlue440-4 / Auto(Awaiting restoration as of 2016)



1970 Challenger R/T

PaintTopInter.Engine/TransEB7-Dark BlueWhiteBlue440-4 / ?(1969-1975 sunroof mopars Facebook page)



1970 Challenger R/T

PaintTopInter.Engine/TransFJ5-SublimeBlackBlack440-4 / Auto(Restored by Alan Gallant Auto Restorations- 2018)



1970 Challenger R/T

PaintTopInter.Engine/TransWhite/Red?Orange440-4 / Auto(Hotrod Hanger Facebook Page)



1970 Challenger R/T

PaintTopInter.Engine/TransTX9-BlackBlackOrange 440-4 / Auto(Victim of garage fire)



1970 Challenger R/T

PaintTopInter.Engine/TransFJ5-SublimeBlackBlack440-4 / Auto(BC sheet only - car may or may not still exist)



1970 Challenger R/T

PaintTopInter.Engine/TransFC7-In VioletBlackBlack383-4 / 4-Spd(Restored 2016 - Alan Gallant AutoRestoration)



1970 Challenger R/T

PaintTopInter.Engine/TransFC7-Plum CrazyBlackBlack383-4 / 4-Spd(www.moparts.commember)



1970 Challenger R/T

PaintTopInter.Engine/TransFC7-Plum CrazyWhiteWhite383-4 / 4-Spd(R/T Restorations in 2010 and on FaceBook 2015)



1970 Challenger R/T

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



1970 Dodge Challenger Sunroof Cars – Version: Nov. 09, 2018 - ©2018 Mopar Sunroof Registry 1970 Challenger R/T 1970 Challenger T/A

PaintTopInter.Engine/TransFE5-Rallye RedBlackBlack383-4 / Auto(Restored 2016 - Alan Gallant Auto Restoration)



1970 Challenger R/T

Photo by Alan Gallant

PaintTopInter.Engine/TransFC7-Plum CrazyWhiteWhite383-4 / Auto(eBay sale 2018)



1970 Challenger R/T

PaintTopInter.Engine/TransFC7-Plum CrazyWhiteWhite383-4 / Auto(eBay sale 2013)



PaintTopInter.Engine/TransFT6-Dark TanBlackTan340-6 / 4-Spd(www.moparts.org forum)



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 T/A

PaintTopInter.Engine/TransEF8-Dark GreenBlackBlack340-6 / 4-Spd(www.moparts.org forum)



1970 Dodge Challenger Sunroof Cars – Version: Nov. 09, 2018 - ©2018 Mopar Sunroof Registry 1970 Challenger T/A 1970 Challenger

Paint	Top	Inter.	Engine/Trans	
Beige	? -	?	340-6 / 4-Spd	
(www.moparts.org forum)				



1970 Challenger

PaintTopInter.Engine/TransEK2-MangoWhiteOrange 383-4 / Auto(www.junkyardfind.com)



1970 Challenger

PaintTopInter.Engine/TransTX9-BlackBlackBlack383-4 / Auto(Barrett Jackson Scottsdale 2009) (Now Red)



PaintTopInter.Engine/TransFJ5-Lime GreenWhiteWhite383-2 / Auto(For sale on www.volocars.com in 2013)



1970 Challenger

PaintTopInter.Engine/TransRedGatorBlack383-2 / Auto(2017 Mopar Nationals, Ohio)



Photo by: Rob Z.

1970 Challenger A66

PaintTopInter.Engine/TransOrangeBlackBlack340-4 / 4-spd(2007 Place d'OrleansCar Show, Ottawa, Ontario)



1970 Dodge Challenger Sunroof Cars – Version: Nov. 09, 2018 - ©2018 Mopar Sunroof Registry 1970 Challenger A66 1970 Challenger

PaintTopInter.Engine/TransFE5-Rallye RedBlackBlack340-4 / Auto(Forum post in For E-bodies Only)



1970 Challenger

PaintTopInter.Engine/TransRedBlackBlack340-4 / Auto(For sale in Shelbourne, Ontario - Nov. 2015)



1970 Challenger

PaintTopInter.Engine/TransFF4-Light GreenGreenGreen318-2 / Auto(Now Plum Crazy/Black/Black)(For sale NH 2015)



PaintTopInter.Engine/TransFF4-Light GreenGreenGreen318-2 / Auto(Midwest Mopars in the Park show in 2018)



1970 Challenger

Paint FC7-Plum Crazy (Restored in 2018) TopInter.Engine/TransBlackBlack318-2 / Auto



1970 Challenger

PaintTopInter.Engine/TransFK5-Dark Burnt OrgBlackOrang318-2 / Auto(Car show in Sweden in 2000)



1970 Dodge Challenger Sunroof Cars – Version: Nov. 09, 2018 - ©2018 Mopar Sunroof Registry 1970 Challenger 1970 Challenger

PaintTopInter.Engine/TransEB5-Bright BlueBlackBlack318-2 / Auto(www.cuda-challenger.com forum)



1970 Challenger

PaintTopInter.Engine/TransFJ5-SublimeBlackBlack318-2 / Auto(Car parted and dismantled 1991 - no longer exists)



1970 Challenger

PaintTopInter.Engine/TransTX9-BlackBlackBlack318-2 / Auto(Car parted and dismantled 2016 - no longer exists)



PaintTopInter.Engine/Trans.999-Charcoal(EA9)BlackRed318-2 / Auto(Reportedly the car was totaled early in its life)



1970 Challenger

PaintTopInter.Engine/TransBrownBlackTan383-4 / 4-spd(Possible R/T for sale on YouTube in 2008)



1970 Challenger

(This car may or may not still exist)PaintTopInter.Engine/TransFJ5-SublimeBlackWhite? / Auto(Dodge Challenger commercial - Likely A66 car)



1970 Dodge Challenger Sunroof Cars – Version: Nov. 09, 2018 - ©2018 Mopar Sunroof Registry 1970 Challenger 1970 Challenger

PaintTopInter.Engine/TransSublimeBlackBlack? / ?(Posted on Facebook - Looks like an A66 car)



1970 Challenger

PaintTopInter.Engine/TransOrangeBlackBlack? / ?(Posted on Yenko.net - Looks like an A66 car)



1970 Challenger

PaintTopInter.Engine/TransRedBlackBlack? / ?(www.transamcuda.com forum)



(European style plates from Hamburg, Germany)

PaintTopInter.Engine/TransUnknown??? / ?(www.cuda-challenger.com)



1970 Challenger R/T (Sunroof was likely added)

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



1970 Challenger (Sunroof was likely added)

PaintTopInter.Engine/TransDark Burnt Orange?Orange 318-2 / Auto(For sale on Craigslist in Gilbert, AZ Feb. 2015)

