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Dodge Resurrects the Demon: Teaser Video No. 8 – ‘Race-hardened Parts’

- “Race-hardened Parts,” the eighth video in the 2018 Dodge Challenger SRT Demon pre-reveal teaser campaign, launches today
- Fans should visit www.ifyouknowyouknow.com for weekly updates, to download sharable content and for a countdown to the reveal
- Dodge’s new ultimate performance halo to be unveiled Tuesday, April 11, during 2017 New York International Auto Show week
- Fans can also uncage their excitement for the reveal of the 2018 Dodge Challenger SRT Demon by posting shares, comments or likes across the Dodge brand’s official [YouTube](#), [Facebook](#), [Twitter](#) and [Instagram](#) channels. Dodge will surprise 10 loyal fans with an invitation to the hotly anticipated SRT Demon reveal
- Use hashtag **#DodgeDemon** to be a part of the next chapter in the Dodge performance story

March 2, 2017, Auburn Hills, Mich. - Building up to the April 11 introduction of the new 2018 Dodge Challenger SRT Demon in New York, Dodge has launched a series of teaser videos to explain how the Demon is designed to maximize performance on the drag strip with increased traction, increased weight transfer and increased torque multiplication. All are great for improving performance, but they also put added stress on the Challenger SRT Demon’s driveline.

This week, the newest Challenger SRT Demon teaser, “Race-hardened Parts,” unveiled March 2 at www.ifyouknowyouknow.com, explains how the Demon’s driveline is upgraded to handle these increased loads.

Compared with the Challenger Hellcat, critical driveline updates include:

- Upgraded prop shaft increases torque capacity by 15 percent: Accomplished through the use of high-strength steel, a 20-percent increase in tube thickness and heat treated stub-shafts.
- Upgraded differential housing, with 30 percent increased torque capacity: Accomplished through the use of heat-treated A383 aluminum alloy and a higher strength gear set material that has been shot-peened to increase durability and reduce residual stresses.
- Upgraded 41-spline half shafts that deliver 20 percent increased torque capacity: Accomplished through the use of increased diameter high-strength low alloy steel and 8-ball joints that improve torque capacity while reducing operating temperatures by more than 86 degrees Fahrenheit.

Then the SRT engineers went digital to isolate and resolve one of the biggest challenges to clean launches and driveline integrity – wheel hop.

In simple terms, wheel hop happens when tires quickly slip and regain traction at launch, rapidly storing up and releasing energy in the driveline. These high torque spikes can quickly and severely damage driveline components – and up until now, the only solution was to back out of the throttle.

Not with the Challenger SRT Demon. In a first for a factory production car, the SRT Demon’s Launch Assist uses the wheel speed sensors to watch for signs that the tires are slipping/sticking. If slip is detected, the SRT Demon’s control module momentarily reduces engine torque to maximize traction almost instantly – without the driver having to lift. Launch Assist reduces loads in the driveline from wheel hop by more than 15-20 percent, dramatically reducing component damage.

And finally ... for the driver, there is a new four-point harness bar, available through Speedlogix, for use while at the track. The Dodge Challenger SRT Demon's rear seat is deleted and mounting points are made accessible, making it easy for customers to install the bar without cutting or drilling anything in the car.

Fans should visit www.ifyouknowyouknow.com to watch "Race-hardened Parts" and the other 2018 Dodge Challenger SRT Demon videos. Remember, nothing is a coincidence and everything means something.

Fans can also uncage their excitement for the reveal of the 2018 Dodge Challenger SRT Demon by posting shares, comments or likes across the Dodge brand's official YouTube, Facebook, Twitter and Instagram channels. Dodge will surprise 10 loyal fans with an invitation to the hotly anticipated SRT Demon reveal during New York's auto show week.

Our story so far:

Leading up to the New York reveal, Dodge is launching its first-ever pre-debut video teaser campaign, including a new website www.ifyouknowyouknow.com, where fans and followers can get weekly updates, download sharable content and gain insight into the 2018 Dodge Challenger SRT Demon's engineering prowess.

Videos released so far:

- "[Cage](#)" debuted January 12
- "[Reduction](#)" debuted January 19
- "[Wide Body](#)" debuted January 26
- "[Crate](#)" debuted on February 2
- "[Forced Induction](#)" debuted on February 9
- "[Multiplication](#)" debuted on February 16
- "[Third Law](#)" debuted on February 23

In the coming weeks, Dodge will continue to bring fans and followers in on more details by slowly peeling away layer upon layer of the new Challenger SRT Demon via video shorts that highlight the engineering that has gone into its development.

All videos in the series will be featured at www.ifyouknowyouknow.com. A countdown clock tells viewers when the next installment will be uncaged. The final chapter arrives when the Challenger SRT Demon is revealed in New York City, prior to the New York International Auto Show.

Dodge is promoting the teaser campaign on its [Facebook](#), [Twitter](#) and [Instagram](#) social media pages, directing fans to www.ifyouknowyouknow.com and encouraging them to use the hashtag **#DodgeDemon**.

Dodge//SRT

For more than 100 years, the Dodge brand has carried on the spirit of brothers John and Horace Dodge. Their influence continues today as Dodge shifts into high gear with muscle cars and SUVs that deliver unrivaled performance in each of the segments where they compete.

2021 marks the year that Dodge is distilled into a pure performance brand, offering Hellcat-powered, 700-plus-horsepower SRT versions of every model across the lineup. For the 2021 model year, Dodge delivers the drag-strip dominating 807-horsepower Dodge Challenger SRT Super Stock, the new 797-horsepower Dodge Charger SRT Redeye, the most powerful and fastest mass-produced sedan in the world, and the new 710-horsepower Dodge Durango SRT Hellcat, the most powerful SUV ever. Combined, these three muscle cars make Dodge the industry's most powerful brand, offering more horsepower than any other American brand across its entire lineup.

In June 2020, Dodge was named the "#1 Brand in Initial Quality," making it the first domestic brand ever to rank No. 1 in the J.D. Power Initial Quality Study (IQS). Dodge is part of the portfolio of brands offered by global automaker Fiat Chrysler Automobiles. For more information regarding FCA (NYSE: FCAU/ MTA: FCA), please visit www.fcagroup.com.

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