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Your Instructor For This Webcast

"G" Jerry Truglia

- National Trainer, ASE World Class, Master Auto, Truck, School Bus, L1, L3, CNG and...
- **ATTP Master Instructor, New York State, CT and New Jersey**
- STS (Service Technician Society) 2003 President
- **TST (Technicians Service Training) Founder and President**
- Author / Co Author/ Technical adviser on 25 plus books including OBD II and Mode 6, and Understanding and Diagnosing Hybrid Vehicles
- **Published articles for multiple newsletters, and magazines**
- Picked as one of the Top Instructors in the country by EPA & SAE
- **Numerous Radio, TV, Internet, and SAE Video appearances**
- PTEN, MotorAge and TST Webcast Instructor
- **Motor Magazine Top 20 award winner**
- Provider of OBD II Training for 14 states, Ontario Canada and the US EPA
- **Guest speaker at SAE Congress, IM Solutions and Clean Air Conference**

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What Will Be Covered:

- **Primary Tesla Information**
- **Tesla Toolbox**
- **This will include the cabling necessary to connect to the vehicle and where to connect inside the vehicle.**
- **A walk through the initial setup of the system, different subsections of the Tesla software and what to look for when using the system!**

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What Will Be Covered:

- **It's important to understand the test plans, so we will dive into some of the most important test plans that will be used as technicians.**
- **Live On Vehicle Diagnosing...with**

Guest Instructor: **Aaron Jones is a Master Tech for OPUS IVS, specializing in Tesla.** He started his career with a local Firestone while still in school, then over to BMW. In 2017 he was approached by a recruiter with Tesla for a new opportunity and jumped in with both feet. Fast forward to 2021, he helped open a couple of Tesla stores. Aaron has been to Norway to help support the team out there along with many other great experiences. Aaron was getting ready for a change when OPUS reached out to him in December 2021. Since then, he enjoys supporting the Tesla brand and educating his fellow aftermarket techs! Since moving to OPUS, he has had a little more opportunity to learn about other EV's and looks forward to any new training and new technology.

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Tesla Model 3



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Tesla Model 3 Entry



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How To Start A Tesla



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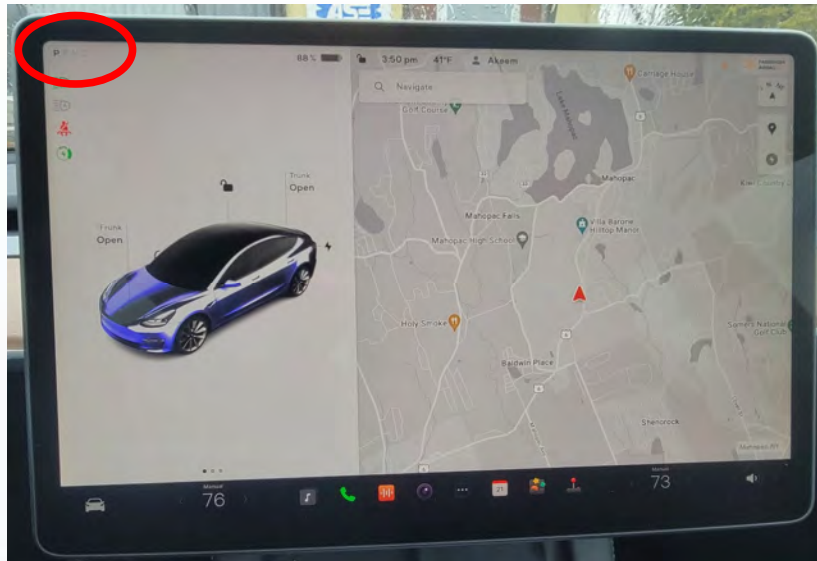
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Tesla Scan Tool Connection



Tesla In Park By Pressing The Shifter Bottom At The End



Tesla Door Unlock If There Is Loss Of 12 Volt Power



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Tesla Level One And Two Chargers



TESLA MODEL S

THE TESLA BATTERY:

- + 400 Volt, 100-kilowatt-hour battery pack has a range of 300+ miles.
- + The 18650 battery cell is 18mm by 65 mm, just larger than an AA.
- + 3400 mAh capacity for each cell is about the same as a smartphone battery.
- + A battery module has 516 individual battery cells.
- + The total battery pack consists of 16 battery modules.
- + The total number of individual 18650 battery cells is 8,256.

TESLA DRIVE MOTORS:

- + Max Speed of the front motor - 18,000 rpm
- + Max Speed of the rear motor - 16,000 rpm
- + Max Torque of the front motor - 330 Nm (243 ft/lb)
- + Max Torque of the rear motor - 650 Nm (479 ft/lb)
- + Max Net Power of the front motor - 193 kW (258 hp) @ 6,100 rpm
- + Max Net Power of the rear motor - 375 kW (502 hp) @ 5,900 rpm

Total combined output:
568 kW (760 hp), 980 Nm (722 lb/ft)

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Tesla Charging Level 1



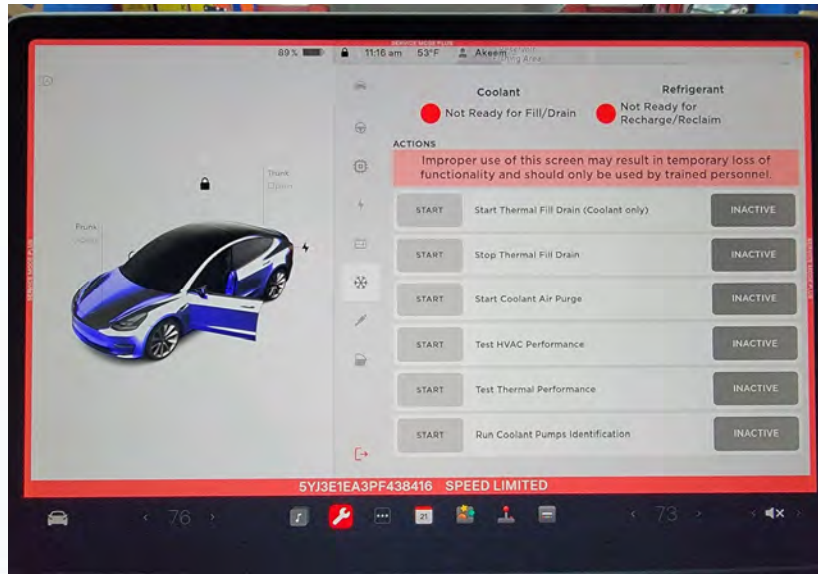
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OPUS IVS Cable Kit For Tesla



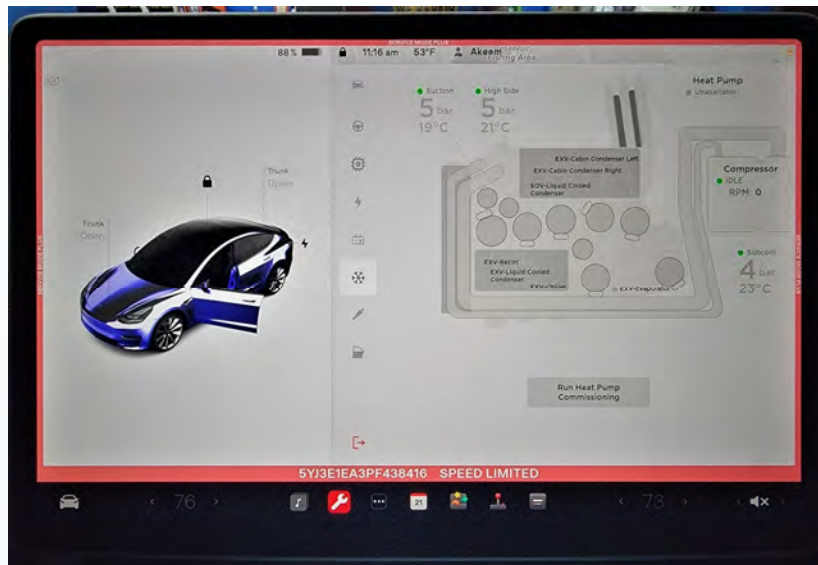
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Tesla Heating And A/C Access



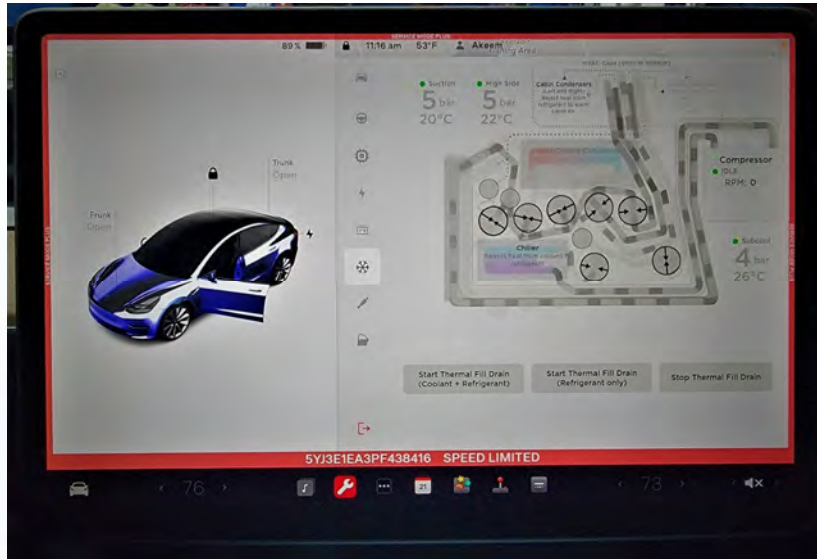
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Tesla A/C Pressures And Valve Information



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Tesla A/C Pressures And Valve Information

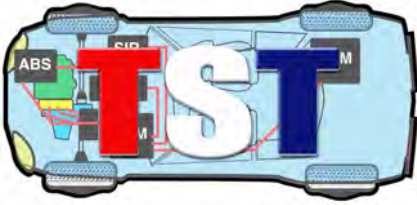


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Let's Do It Live



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TST

TST Big Event
Saturday March 18, 2023
Tarrytown NY
Free Android Tablet

Keith Perkins - Gary Smith

Special Guest Speaker
Bernie Thompson

TST Big Event
Saturday March 18, 2023
Tarrytown NY
Free Android Tablet

Upcoming Instructors from April To June...
Ken Zanders - Scott Brown - Brandon Steckler

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Questions?



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We offer greater freedom to fix cars and trucks
by engineering exclusive, labor-saving
and cost-effective repair solutions.

Thank You !