

FALL / WINTER 2022



TECH NEWS

PUBLISHED BY THE NATIONAL INSTITUTE FOR AUTOMOTIVE SERVICE EXCELLENCE

USMC VETERAN
PLEASED WITH NEW
MILITARY TEST SERIES

THANK YOU FOR
50 YEARS OF
EXCELLENCE

TEJPAL SINGH GILL'S
30-YEAR JOURNEY

THIS JUST IN
NOW 3 WAYS
TO TEST!



Thank You for 50 Years of Excellence

Dear Industry Professionals,

This year ASE has celebrated a major milestone. For 50 years, the National Institute for Automotive Service Excellence (ASE) has upheld and promoted high standards of service and repair through the assessment, certification, and credentialing of current and future vehicle service professionals.

There are more than 200,000 ASE Certified professionals employed at general repair shops, vehicle dealerships and service facilities across the country. With nearly 300 million vehicles in operation and increasingly complex vehicle technologies, the skills possessed by these highly trained professionals are needed more than ever before.

Becoming ASE Certified requires qualified work experience and passing a challenging test for each certification. ASE Certified professionals must keep up to date on ever-evolving vehicle systems to effectively perform maintenance and repairs and are required to prove their technical knowledge by retesting every five years to keep their certifications current. The prestigious ASE Blue Seal logo helps vehicle owners easily identify those professionals who possess the essential knowledge and skills needed to perform with excellence.

As the yearlong ASE 50th anniversary celebration comes to an end, we want to take the opportunity to acknowledge all those who have championed our mission since 1972 and continue to provide support today.

ASE's Board Members have generously donated their time and expertise through the years for the betterment of ASE and have provided invaluable assistance to guide ASE and its initiatives. Along with industry partner organizations, they are the backbone of ASE and continue to provide us with their knowledge and needed resources to implement our programs.

We are proud to work with over 2,300 automotive technology training programs and we appreciate all the instructors who have devoted their careers to the development of skilled professionals. We thank the shops who recognize the importance of ASE Certification when making hiring decisions and the motoring public for relying on ASE to identify credentialed professionals and the shops that employ them.

Most importantly, we celebrate all the knowledgeable, proficient ASE Certified professionals that provide an essential service to the American motoring public by keeping their vehicles in safe, dependable operating condition. We salute you.

As we look back on the last 50 years, we are proud of how far ASE has come since the time when industry leaders first sought to certify automotive technicians. As we look to the future, we know that ASE will continue to provide valuable service to the transportation industry and the vehicle owners they serve.

Sincerely,

A handwritten signature in black ink that reads 'Tim Zilke'.

Tim Zilke
President and CEO
ASE

Now Testing

Advanced Driver Assistance Systems (ADAS) Specialist Certification (L4)



ASE has introduced an Advanced Driver Assistance Systems (ADAS) Specialist Certification test (L4). Service professionals that earn ASE's Advanced Driver Assistance Systems (L4) certification demonstrate the technical knowledge to diagnose, service, and calibrate advanced driver assistance systems on automobiles, SUVs, and light-duty trucks.

"Because ADAS service is becoming a very important vehicle repair service, our stakeholders requested that we develop a certification test that demonstrates that automotive service professionals are qualified to perform ADAS service," said Tim Zilke, ASE president and CEO. "We worked closely with service technicians, service representatives from vehicle and engine manufacturers, aftermarket trainers and technical educators to develop questions that deal with practical problems experienced by technicians in their work with vehicles that include ADAS."

ASE's L4 Certification covers content focused on the diagnosis, service, and calibration of radar, camera, ultrasonic and other advanced driver assistance systems. Many of the questions relate to a sample vehicle with advanced driver assistance systems technology used by most manufacturers. This vehicle is described in the Composite Vehicle Type 1 Reference Document that is provided as an electronic pop-up during the test.

To earn the ADAS Specialist Certification (L4), automotive service professionals must have passed either the Automobile Electrical/Electronic Systems (A6) or Collision Mechanical & Electrical Components (B5) test and have 3 years of work experience..

For more information about the new ADAS Specialist Certification test including the study guide, Composite Vehicle Type 1 Reference Document, registering, and more, **visit [ASE.com/ADAS](https://www.ase.com/ADAS)**.

This just in: Now 3 ways to test!

Traditional ASE testing

At a Prometric test center

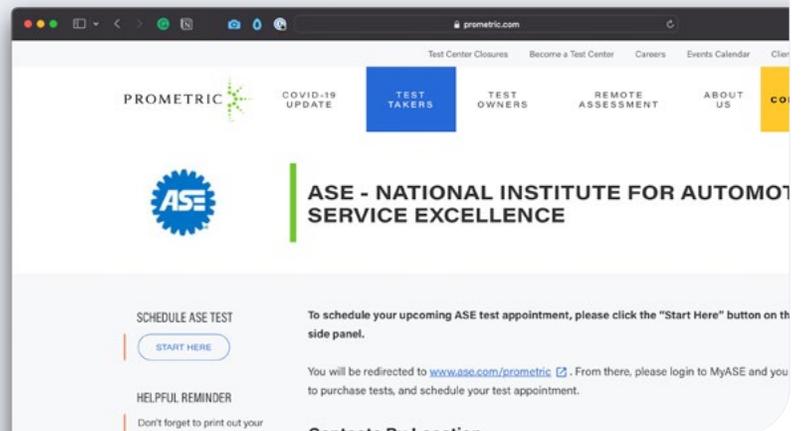


ASE Renewal App

For those certified in A1-A9, keep your certifications current from your phone, tablet, or computer.

Pro-Proctor

Test at home!



Visit [ASE.com/options](https://www.ase.com/options) for more details.

Tejpal Singh Gill's 30-Year Journey

Tejpal Singh Gill, a Diagnostic Specialist/Shop Foreman at a busy automotive dealership in the Northern Virginia suburbs of Washington, D.C., was recently elected to the ASE Board of Directors. Behind this honor is a thirty-year career of increasing responsibility and service. Tejpal (Tej, for short) is an ASE Certified Master Technician and serves as a quiet role model for the profession.

"I was born and raised in Village Dhudike, District Moga, Punjab, India," Tej explains. "We were a farming family and I worked on farm equipment with my uncles all the time and I enjoyed it very much. My formal education was all in the village from primary, higher secondary and two years of college. I was the first boy in the family to go to college. In middle school, I learned basic mechanical concepts of diesel engines, tractors, cultivating and harvesting equipment."

Arriving in America in 1984 Tej was adrift but eventually landed a job as a production supervisor with a manufacturer of printed circuit boards. "It was decent job, it paid well, but it soon started to feel like just a job" to the 30-year-old. Tej was looking for a calling while pursuing his day job and taking engineering courses at night. One day Tej was taking his car in for an oil change and thought that owning and running a repair shop would be ideal. This eventually led to him and a friend enrolling in an automotive technician training program in Landover, Md. Both graduated 18 months later.



His friend got a job quickly, but Tej was not getting interviews and was growing discouraged after months of looking for a position. "I was very anxious and depressed. My mother talked with me one day and encouraged me to stay true to my path...and she was right." A few days later "my answering machine had a message from the service manager of a Lexus dealership in Chantilly, Virginia." The rest, they say, is history.

Tejpal Singh Gill has spent his entire career with the dealership and has risen through the ranks. "The shop foreman was a very pleasant person, he was very knowledgeable, and he showed me how to be a good technician," Tej recalls. The novice technician was willing to ask questions and receive help from his supervisor, take training courses, and earn industry certifications from ASE.

"I had another quality that everyone, my shop foreman, service manager, and the owner noticed -- I would not sit around when there were no cars to work on. In the first month, I cleaned and organized the shop to the point that one day the owner mentioned to the service manager that there was something different about the shop. The manager told him that it's the new guy, when he is not working on cars, he is organizing and cleaning the shop, it looks great."

This dedication has served Tej well as he has risen from an entry-level technician to become a Diagnostic Specialist and now the Shop Foreman. Along the way he availed himself of Lexus training, became a shop leader, participated in industry events, and joined industry groups, culminating in his election to the ASE Board of Directors in 2022.

We thank our 2022 ASE Instructor Training Conference Sponsors

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USMC Veteran and World-Class Tech Pleased to See New ASE Test Series

ASE MILITARY TACTICAL WHEELED VEHICLE CERTIFICATION

Adaptability, nimbleness, and the ability to quickly read a situation are skills that have helped World-Class Technician, business owner and automotive instructor **Jonathan Couch** achieve professional success in every endeavor.

Owner of Couch's Automotive Racing Services in Porter Heights, Texas, and an automotive instructor at nearby New Caney High School, Jonathan grew up around cars. "I've been involved my whole life. My Dad worked for a national car rental outlet for 47 years and built street rods at home. My Uncle restored Tri-Five Chevrolets." Both grandfathers were involved as well.

"I didn't stand a chance," Jonathan jokes. "Three generations deep in the automotive industry and surrounded by it growing up. I can't remember a time before I knew how to work a 4-way lug wrench. I was too young to recall when Dad taught me that."

By high school, "There were upper, lower, and fellow classmates that had me working on their street brawling machines and occasionally carrying out common repairs as well."

Jonathan's high school auto tech teacher and father both encouraged him to earn ASE certification. "At 19 I was certified in Engine Repair and Engine Performance. More certifications followed as he grew professionally, including a stint maintaining a truck fleet.

He enlisted in the Marines in 2005 and flourished there but was surprised his technical skills and



certifications were not recognized. Recently that has changed, as the U.S. Military and ASE have worked jointly to develop the ASE Military Tactical Wheeled Vehicle (MTWV) Test Series.



“Using a civilian system that is agile, constantly updated, easy to access, and relevant to both civilian occupations and military occupations just makes sense. They can step off base and in the same stride step right into their civilian career.”

Jonathan continues, “I am ecstatic to see that the military has partnered with ASE to build qualifications both relevant within the military and recognized by civilians. This long-needed breath of fresh air could not have come at a more critical time.”

“I can see no better handoff to life as a civilian than the U.S. Military adopting many of the civilian

programs already in place. The content of the new ASE Military exams has a great deal of overlap with ASE’s existing Med/Hvy Truck (T series), Transit Bus (H series), School Bus (S Series), and even touches on some of the Heavy Truck Equipment (E series) that already exists.”

“I believe a service member who can pass the ASE MTWV exam series and has a few solid years of experience in military vehicle repair would have no problem making the transition in civilian life and almost immediately stepping into one of the certification series more typically seen held by civilians.”

As for Jonathan, this professional who earned 61 ASE certifications (some no longer offered) across multiple specialties has stayed nimble and open to change. During the 2008-09 recession, he decided to finish a delayed Automotive Technology Associate degree, and so impressed his instructor that he was hired after completing the necessary course work and went on to earn a Bachelor’s in Applied Science in Automotive Technology. He continues to own and operate Couch’s Automotive Racing Services, which has since recovered from the recession and gets referrals from as far away as Australia.



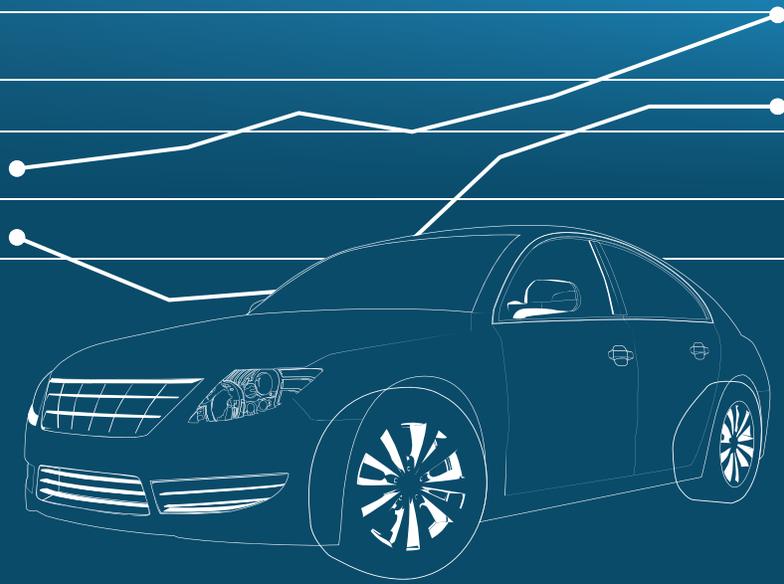
ASE Education Foundation PARTNERS

The ASE Education Foundation is rooted in industry collaboration. We believe in an interdisciplinary approach leveraging input from businesses, communities, educators, policy makers, and students. We're proud to join forces with organizations across the country that believe in a bright future for automotive service. These businesses, manufacturers, and associations are eager to recruit, nurture and inspire our future's automotive service professionals.



The Results Are In!

ATMC Training Benchmarks Survey



The ATMC training benchmarks survey is conducted annually within the automotive and heavy-duty vehicle service and repair Industry. The survey is designed to establish a series of metrics to help the industry recognize trends, provide a comparison standard, and align the offerings of training providers with the needs of training consumers. The ATMC training benchmarks survey results demonstrate where critical areas of how training is viewed by consumers and technician statistics were among the valuable information shared. To view the ATMC training benchmarks survey results, visit the ATMC website at ATMC.org.

About ATMC

The ASE Training Managers Council (ATMC) is a non-profit organization dedicated to the advancement of training and professional development within the transportation service industry. A division of ASE, the council helps members keep up with innovations in automotive training by facilitating interaction among its members and serves as a leadership forum for training professionals to promote world class training standards in the automotive, heavy duty and related industries.

See more at www.ATMC.org.



Training Managers Council
ATMC

“2 Percent Solution”

Top of Mind at ASE Instructor Training Conference



Over 500 were in attendance at the ASE Instructor Training Conference held in Frisco, Texas, this past July 2022. Hosted by the ASE Education Foundation, the in-person conference was conducted for high school and college instructors from auto, truck and collision repair programs nationwide.

The conference included over 100 technical-update training sessions from 60 different industry partners, with automakers sharing information about their latest systems. Presenters also covered topics such as ADAS systems and calibration, electric vehicles and high voltage systems, and strategies for effective teaching.

A special panel discussion, entitled “The 2 Percent Solution”, kicked off the conference and addressed the fact that women make up 50 percent of the workforce, but only two percent of automotive service technicians. The lively discussion provided an array of ideas on how to make training programs and workplaces more welcoming to everyone, including women and other underrepresented groups. The panel featured several female automotive service professionals, students, and instructors.

“We had great expectations for our panel, and it exceeded everything we had hoped for,” said Mike Coley, president, ASE Education Foundation. “We had a frank and honest discussion on how we can increase the number of female service technicians and how to make females feel more welcome in schools and in the workforce. I cannot thank the panelists enough for sharing the challenges they have faced in school and in the industry, and how they have created opportunities for themselves to be successful professionals.”

The keynote session was moderated by Catherine “Cat” Treanor, UK Business Development Manager, Electude.

The other panelists included: *(Left to right)*

Joe Laubhan, service director, Classic Chevrolet

Vanessa Retsos, Chevrolet service technician, Classic Chevrolet

Raven Hartkopf, collision discipline lead, Colin College

Paulina Sanchez, shop owner and collision repair student at Colin College

Lou Bramante, automotive instructor, Vineland Senior High School

Jenny Kovacs, Ford master technician, C. Harper Ford

Missy Albin, Navistar master diesel mechanic, Taylor & Lloyd, Inc.

Cat Treanor, UK Business Development Manager, Electude

“We have a shortage of technicians, an aging workforce, a negative stereotype, a lack of new talent and a tidal wave of new technology,” said Treanor. “The answers to all these challenges are diversity. We need diversity of gender, ethnicity, of age, physical attributes and more.”

The discussion focused on some of the challenges that females face in school and in the workplace, including the perception of not being able to do the job, not be taken seriously, being stereotyped into a certain job, trying to get that first job and the lack of support from others.

The panel and the audience provided a wide array of suggestions to help increase the number of females in schools. The ideas included increasing shadowing opportunities, giving high school students the option to explore automotive classes to see if they like them, providing facts to potential students about the advantages of the industry and financial benefits they could achieve, creating a safe environment for students, eliminating the term non-traditional and working with administrators and counselors to encourage female students to participate in automotive programs.

“The only way we can solve things as an industry is if we work together,” said Coley. “Everyone who attended our panel wants to increase diversity in the workforce and work on solutions to increase the number of females attending tech schools and taking automotive classes in high school. Our goal is to build the next generation of our industry and make industry educational opportunities available to everyone.”



“We had a tremendous conference with some open and frank dialogues on how to improve our great industry,” said Mike Coley, president, ASE Education Foundation. “The one thing everyone attending the conference had in common was the shared goal of finding ways to increase the number of students entering our training programs, providing them with a great education and making sure they want to make the automotive field their career. We cannot thank our sponsors enough for all their support of the conference and continued commitment to the ASE Education Foundation.”

If you are interested in becoming a sponsor or holding a training session at the largest automotive instructor training conference in the nation, email us at ASEConference@ASE.com.



SAVE THE DATE!!!

Make plans to attend the largest automotive instructor training conference in the nation!

What

ASE Instructor Training Conference

Who

Any high school or college auto, collision, or truck instructor

When

July 17 – July 20, 2023

Where

Embassy Suites by Hilton Charlotte Concord - Concord, NC

Why

Get 20 hours of technical update training, connect with industry peers, and much more! Hotel booking link and registration opening early 2023.

Visit www.ASEEducationFoundation.org/events for more details.

ASE Certified Professionals: We want to hear your story!



As part of our 50th anniversary celebration, we are featuring ASE Certified professionals through a series of profiles showcased in ASE communications, including its website (ASE.com/news-events) and social media platforms (@ASEtests).

To submit a profile, ASE Certified professionals interested in sharing their story should visit ASE.com/ASE-Spotlight, complete the online form, upload their photo and click “submit.” We will be recognizing and honoring ASE Certified professionals throughout the year.





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myASE "How-To" Demos
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ASE Consumer Webpage
[ASE.com/Drivers](https://www.ase.com/Drivers)

ASE Store
[ASEstore.com](https://www.asestore.com)

The EPA – Authorized Section 609 Program
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