



WORKSHOP TRAINING

GARAGE GURUS – BOSTON • 1053 Turnpike St., Stoughton, MA 02072

Advanced Alignment Diagnostics (Classroom and Hands-on)

SS.104.1.WS

Wednesday, April 11, 2018 - 7:30AM to 4:30PM

This workshop will enhance the skills of the professional undercar technician in the area of advanced and standard wheel alignment. It covers suspension and steering diagnosis due to bent parts from accidents and road hazards, vehicle modifications, tire/wheel resizing and height issues. A thorough understanding of camber, caster, toe, steering axis inclination (SAI), included angle, scrub radius and toe out on turns will assist the alignment technician in utilizing the aligner as a diagnostic tool. Related electronic systems will also be covered in this course. Vehicle component inspection and customer communication skills are also a necessary trait for any successful alignment tech and these are stressed in this workshop.

Maximum of 8 Seats Available

Special \$75 - Regularly \$125.00

0.8 CEUs awarded

Electronic Engine Diagnostics (Classroom and Hands-on)

DRV.605.1.WS

Thursday, April 12, 2018 - 7:30AM to 4:30PM

This workshop will focus on the different types of electronic engine diagnostic procedures used to diagnose today's engines. Both in-cylinder pressure transducers and manifold vacuum transducers used with a digital storage oscilloscope (DSO) can reduce valuable diagnostic and teardown time on today's VVT equipped multi-cam engines.

Engine performance and emissions can be severely impacted by cam timing concerns caused from lack of oil, failed timing chain tensioners and/or stretched timing chains or belts. Volumetric efficiency reductions caused by lack of air flow concerns from restrictions in the intake or exhaust systems can cause low power concerns. Air leaks in the induction system cause Check Engine Lights and can be difficult to validate and pinpoint. Engine compression issues can be significant in size or very small, almost undetectable at times, leading to misfire DTCs. Relative compression testing can reduce the time it takes to validate a compression issue on an engine. These types of problems can skew the diagnostic information in the scan tool and can make it unreliable or unclear. In this class you will learn the benefits of modern diagnostic equipment and learn when and how to use these testing techniques on the vehicle.

Maximum of 8 Seats Available

Special \$75 - Regularly \$125.00

0.8 CEUs awarded



FMgaragegurus.com | 888-771-6005





COMPLETE REGISTRATION FORM AND SUBMIT BY:

1. Fax to 314-977-0984 then you will be contacted for credit card payment information
2. Call 1-888-771-6005 with credit card number
3. Email to GarageGurus@federalmogul.com then you will be contacted for credit card payment information

STUDENT CONTACT INFORMATION		
First Name:		
Last Name:		
Email Address:		
Street Address:		
City:	State:	Zip Code:
Phone Number:		

BUSINESS INFORMATION		
Company Name:		
Company Address:		
Street Address:		
City:	State:	Zip Code:

ATTENDING	COURSE CODE	DESCRIPTION	DATE	TIME	COST
<input type="checkbox"/> YES	SS.104.1.WS	Advanced Alignment Diagnostics	Wednesday April 11, 2018	7:30 a.m.- 4:30 p.m.	\$75.00
<input type="checkbox"/> YES	DRV.605.1.WS	Electronic Engine Diagnostics	Thursday April 12, 2018	7:30 a.m.- 4:30 p.m.	\$75.00

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