

MINI POWERTRAIN 4

TOPICS COVERED

Covering MINI Engines and transmissions from 2007 to present: N12, N14, N16, N18, B36, B38, B46, B48

- Direct injection fuel system design, components, troubleshooting and updates.
- Turbocharging system operational overview and diagnosis of boost related failures.
- Timing Chain - Common failures, inspection, repair, special tools and parts updates.
- Electronically controlled variable displacement oil pump operation.
- VANOS variants, changes, updates, diagnostic routines and techniques.
- Manual and Automatic Transmissions - Design, service, and failure patterns.
- MSA (automatic engine Start-Stop) operation, enabling and inhibiting criteria.
- Predictive Drivetrain for current and future MINI vehicles.

DATE:

*Saturday,
February 8th, 2020*

TIME:

8 am - 5 pm

CLASS ID: SEM1737

LOCATION:

*Hilton Garden Inn
412 Royal Parkway
Nashville, TN 37214
(615) 567- 7971*

COST: \$325 per student
(meals included)

INSTRUCTOR: *Drew Wolfe*

1 DAY CLASS



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