

ATRA AUSTRALASIAN CHAPTER CONFERENCE 2026

ADVANCED TRANSMISSION TRAINING FOR THE MODERN WORKSHOP

11-12 JULY 2026 | QT GOLD COAST

**IF YOU REBUILD IT. DIAGNOSE IT. CALIBRATE IT. MANAGE IT.
THIS CONFRENCE IS FOR YOU**



KEITH CLARK
ATRA USA



SEAN BOYLE
SOUTHERN ILLINOIS UNIVERSITY



STEPHEN TAYLER
HP TUNERS AUSTRALIA



GERRY BECHET
FORMER HEAD OF POWERTRAIN
CALIBRATION, HSV



RIC TAMBO
CEO, BRT CORP / SEMCO
AUTOMOTIVE AUSTRALIA

PROGRAM SNAPSHOT

GM, Ford, Chrysler & Hyundai/Kia Systems

Nissan & Toyota Hybrid Transmissions

European Platform Diagnostics

WHY ATTEND

- ✓ Expert Training
- ✓ Latest Diagnostic Strategies
- ✓ Network with Industry Leaders & Professionals

WHO SHOULD ATTEND

- Transmission specialists
- Diagnosticians
- Rebuilders
- Calibrators
- Workshop owners
- Technical managers

TICKETS

ATRA Members: \$350 + GST

Non-Members: \$550 + GST

SPECIAL OFFER:

Non-member attendees receive a \$150 discount toward 2026-27 membership.



REGISTER NOW!

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CONFERENCE PROGRAM



Program Overview

The 2026 program covers late-model transmission platforms across General Motors, Ford, European, Japanese, and Korean manufacturers.

Content is designed for transmission specialists, diagnosticians, rebuilders, calibrators, and workshop owners seeking practical, current, and highly technical insight.

Full session times, speaker allocations, and agenda details will be released closer to the event.

General Motors

Sessions presented by Keith Clark (ATRA USA) and technical specialists

6T40

- No command or upshift to 6th gear in extremely cold conditions

6L80 / 6L90

- No forward engagement after valve body repair
- Overheating conditions
- Ticking noise while driving

10L60 / 10L80 / 10L90

- Pump noise and gear damage
- Software rejection of valve body Part Unique Number (PUN)
- "Unable to Shift Soon" message with no DTCs

Ford

Presented by ATRA USA and Australian technical experts

8F35

- Intermittent, no reverse engagement
- DTCs P0766 and/or P2703
- Shift knob rotation without brake pedal applied
- Possible DTC P0929
- Park-by-Wire system introduction
- Updated output planetary design

10R80

- 2WD clunk or snapping noise after rebuild
- Post-rebuild vibration concerns

10R80 MHT (Hybrid)

- Transmission starting in 8th gear
- No reverse after coming to a stop

10L80

- Delayed or harsh engagement
- Slip on acceleration after prolonged sitting

VT40 – CVT

- Slip condition or low power take-off
- DTC P2797 – Auxiliary pump performance

10R60 / 10R80

- Erratic shifting with aluminium debris in the pan
- Transmission overheating
- Cooler line issues
- CDF clutch drum identification

10R60 / 10R80 / 10R100

- Transmission overheating diagnosis and prevention

10R140

- E-clutch spline wear
- End play clearance issues
- DTC P0734

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CHRYSLER

62TE

- Slipping or Chattering in Forward and/or Reverse, Repeat Burnt Clutches, DTCs

45RFE, 545RFE, 65RFE, 66RFE, 68RFE

- Overdrive Clutch Failure After Rebuild

AS69RC

- P2 Ring Gear Change and Case Change

ZF8, 845RE, 850RE, 948TE

- Transmission Adoptions

Hyundai / Kia

Presented by ATRA USA and industry specialists

A6MF1 / A6MF2

- Speedometer bounce at a stop with diagnostic trouble codes

A8MF1 – 8 Speed

- DTC P0741 – Torque Converter Clutch circuit performance or TCC slip

Nissan

Presented by ATRA USA

REOF10J – CVT

- Rebuild tips and common failure patterns

8HP Series

- Shudder or Surge at Low Vehicle Speed

ZF Powerline 8

- Introduction

948TE

- No 8th or 9th Gear Command

948TE, ZF9HP48

- Stuck in Park, DTC P0810

Toyota Hybrid (E-CVT)

Presented by ATRA USA

Comprehensive coverage of Toyota hybrid transmission systems, including:

- System introduction and vehicle applications
- Unit identification and fluid servicing
- Hybrid drive system design and components
- Captive clutch and flywheel
- Motor Generator 1 (MG1) and Motor Generator 2 (MG2)
- Motor resolvers and transmission gearsets
- Internal Combustion Engine (ICE) integration
- Nine modes of operation
- Relearn and reset procedures

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European Platforms

Presented by ATRA USA and Australian specialists

Ford / Mazda

FW6A-EL / EV6A-EL

- Chirp noise on 3-4 upshift

722.9

- AWD binding during turns

Mercedes-Benz

724.004 – 7G-DCT Dual Clutch

- Park release issues

Land Rover

- ZF 6HP26
- No 5th or 6th gear command

Program Highlights

- Two days of advanced, case-based technical training
- Coverage of automatic, CVT, DCT, and hybrid transmissions
- Diagnostics, mechanical repair, and software integration
- Delivered by internationally recognised and Australian industry leaders

More information

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