

# ATRA AUSTRALASIAN CHAPTER CONFERENCE 2026

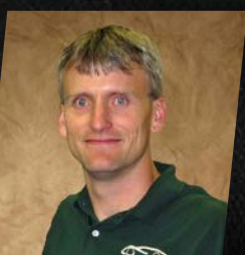
ADVANCED TRANSMISSION TRAINING FOR THE MODERN WORKSHOP

11-12 JULY 2026 | QT GOLD COAST

IF YOU REBUILD IT. DIAGNOSE IT. CALIBRATE IT. MANAGE IT.  
THIS CONFERENCE 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 TAMBA**  
CEO, BRT CORP / SEMCO  
AUTOMOTIVE AUSTRALIA

## PROGRAM SNAPSHOT



GM, Ford, Chrysler & Hyundai/Kia Stsyems



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!

**[CLICK HERE TO REGISTER](#)**

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## 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

- |   |   |
|---|---|
| <p><b>6T40</b></p> <ul style="list-style-type: none"><li>• No command or upshift to 6th gear in extremely cold conditions</li></ul> <p><b>6L80 / 6L90</b></p> <ul style="list-style-type: none"><li>• No forward engagement after valve body repair</li><li>• Overheating conditions</li><li>• Ticking noise while driving</li></ul> <p><b>10L60 / 10L80 / 10L90</b></p> <ul style="list-style-type: none"><li>• Pump noise and gear damage</li><li>• Software rejection of valve body Part Unique Number (PUN)</li><li>• "Unable to Shift Soon" message with no DTCs</li></ul> | <p><b>10L80</b></p> <ul style="list-style-type: none"><li>• Delayed or harsh engagement</li><li>• Slip on acceleration after prolonged sitting</li></ul> <p><b>VT40 – CVT</b></p> <ul style="list-style-type: none"><li>• Slip condition or low power take-off</li><li>• DTC P2797 – Auxiliary pump performance</li></ul> |
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## Ford

Presented by ATRA USA and Australian technical experts

- |   |   |
|---|---|
| <p><b>8F35</b></p> <ul style="list-style-type: none"><li>• Intermittent, no reverse engagement</li><li>• DTCs P0766 and/or P2703</li><li>• Shift knob rotation without brake pedal applied</li><li>• Possible DTC P0929</li><li>• Park-by-Wire system introduction</li><li>• Updated output planetary design</li></ul> <p><b>10R80</b></p> <ul style="list-style-type: none"><li>• 2WD clunk or snapping noise after rebuild</li><li>• Post-rebuild vibration concerns</li></ul> <p><b>10R80 MHT (Hybrid)</b></p> <ul style="list-style-type: none"><li>• Transmission starting in 8th gear</li><li>• No reverse after coming to a stop</li></ul> | <p><b>10R60 / 10R80</b></p> <ul style="list-style-type: none"><li>• Erratic shifting with aluminium debris in the pan</li><li>• Transmission overheating</li><li>• Cooler line issues</li><li>• CDF clutch drum identification</li></ul> <p><b>10R60 / 10R80 / 10R100</b></p> <ul style="list-style-type: none"><li>• Transmission overheating diagnosis and prevention</li></ul> <p><b>10R140</b></p> <ul style="list-style-type: none"><li>• E-clutch spline wear</li><li>• End play clearance issues</li><li>• DTC P0734</li></ul> |
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# CONFERENCE PROGRAM



## 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 Adaptions

### 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

## 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

### D7UF1 / D7GF1 Dual Clutch

- Dual-clutch transmission introduction and system operation

## Nissan

Presented by ATRA USA

### RE0F10J – CVT

- Rebuild tips and common failure patterns

### TY21C Transfer Case

- Axle seal leak diagnosis and repair

## 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



# CONFERENCE PROGRAM



## European Platforms

Presented by ATRA USA and Australian specialists

### Ford / Mazda

#### FW6A-EL / EV6A-EL

- Chirp noise on 3-4 upshift

### Mercedes-Benz

#### 724.004 – 7G-DCT Dual Clutch

- Park release issues

### 722.9

- AWD binding during turns

### 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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