



DGS / NDGS Training Program on Allison Automatic Transmissions. 2022

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DGS / NDGS Training Program on Allison Automatic Transmissions. 2022

INFORMATION FOR PARTICIPATION ON ALLISON TRANSMISSION TRAINING COURSES

We offer training courses accredited by Allison Transmission Inc. for the training and further education of our dealers and our customers. We provide practical and theoretical instruction in modernly equipped training rooms, from one-day basic courses to system- and diagnostics training lasting several days, as well as complete overhaul trainings. All training courses are offered in German or English and, upon special request, in Russian Language too.



There are entry-requirements (prerequisites) for various training courses. Please refer to the training program available here for details on the topics, as well as on the group of participants and on access requirements..

COURSE DESCRIPTIONS and INFORMATION on our training courses:

Course title, course description, group of participants and entry requirements for the individual courses **can be found** in the DGS training program for Allison automatic transmissions available **here below**.

Furthermore, You can also download this program from the DGS homepage www.dgs-mainz.de.

Training - DGS (dgs-mainz.com)

INDIVIDUAL ADVICE:

If, in addition to the information in our DGS training program, you need help in choosing the right training course for your needs, our training manager and our customer service will be happy to help you.

Phone: +49 6131 5807 737 CELL: +49 176 1 5807 737

TRAINING DURATION, START TIME AND CLOSING TIME:

Unless expressly agreed otherwise, the courses at the DGS GmbH training center in Mainz begin at 9:00 a.m. on the first training day and end at 3:00 p.m. on the last training day.





NUMBER OF PARTICIPANTS:

The number of participants for training courses at the training center DGS GmbH, Mainz is limited to a maximum of 8 people under normal conditions. Courses are booked in the order in which registrations are received. A larger number of participants requires express agreement with our training department.

The minimum number of participants to carry out a training course is 4 people. If less than 4 participants are registered by the registration deadline, the registering companies will be informed in writing about the cancellation of the training course and, if possible, an alternative date for a new training course will be offered.

SPECIAL NOTICE REGARDING COVID-19 PRECAUTIONS:

Due to the still tense **Covid-19** situation, we have limited the number of participants for training courses at the DGS GmbH training center in Mainz to a maximum of 6 people. All participants must wear a **medical face mask or FFP2 mask** in the buildings of DGS GmbH Mainz. The mask may only be removed in the training seminar room if the minimum distance of 1.5 m can be maintained. Sufficient seating distance and good ventilation are guaranteed here.

The **2G Plus** regulation applies; 2G plus an additional negative antigen rapid test: Participants must present their vaccination certificate or proof of recovery to the trainer when they arrive for the training. In addition, a negative test certificate from a test center is required. Alternatively, a self-assessment can be conducted upon arrival for training in the presence of the trainer.

GROUP OF PARTICIPANTS; PREREQUISITES FOR PARTICIPATION:

For some courses, pre-courses are recommended or may be even mandatory for participants from Allison Dealers. For details, please refer to the course descriptions.

Separate courses are available for employees of vehicle manufacturers, their authorized workshops or end customers, for which there are no special participation requirements. If necessary, only preparatory courses are recommended.

Employees of Allison distributors and authorized Allison dealers should have completed all E-Learn courses for the relevant training path for the relevant transmission series before registering for a trainer-led course at DGS. This guarantees the highest possible training success. If the E-Learn training path is only partially completed, the trainer decides on participation. A complete training program for a transmission series is only complete for employees of Allison dealers after the successful completion of all E-Learn courses, including the associated tests AND successful participation in a corresponding trainer-led training course.

COURSE FEE:

The course fee per each participant can be found in the course descriptions listed in this training program for the relevant courses. You can download this program from the DGS website www.dgs-mainz.com. Further information can be found in the section "Training at the customer" below.

The course fee includes a comprehensive training manual, participant certificate, as well as soft drinks and lunch for all courses to be held at the DGS Mainz Training Center. **The prices do not include the statutory value-added tax.**

Please note the additional information on course fees for "CUSTOMER TRAINING" below.

No course fee is charged for Authorized Allison Transmission Dealers under the distributorship of DGS GmbH and of NDGS GmbH, except if otherwise agreed.





LITERATURE:

A comprehensive, German-language training document per participant, as well as documentation in pdf file form is included in the course fee. Additional copies of this training manual, as well as original Allison Transmission literature in English, German or Russian language (troubleshooting manuals and repair manuals) are available for purchase.

WORKWEAR, WORK CLOTHES:

For training courses in which transmissions are disassembled and reassembled, the participants must bring their own safety shoes. Work coats can be provided by us.

HOTEL RESERVATION:

We may assist with the hotel booking. A hotel list with hotels in Mainz and their description is available on request from our secretariat:

Mrs. Jennifer Schlosser, jschlosser@dgs-mainz.com Tel: +49 (0) 6131 5807 706

TRAINING AT CUSTOMER SITE:

Training can also be carried out at the customer's premises in consultation with our training department.

The customer must provide suitable and equipped premises for the implementation of a training course. The number of participants is only limited by the spatial and logistical conditions at the customer. Please note, however, that if there are more than 10 participants, the practical lessons will have to be reduced and training will then be carried out mainly in the theoretical style.

The course fee is € 1100,- per training day plus statutory VAT and is independent of the number of participants. In addition, the travel- and hotel costs as well as expenses of the trainer will be charged.

The course fee includes training material for up to 10 participants. The training material will be charged for each additional participant. The daily meals (lunch, drinks) for the course participants are not included in the above-mentioned course fee. Further information is available from Rolf Oerter, roerter@dgs-mainz.com. Phone: +49 (0) 6131-5807 737.





ENROLMENT; REGISTRATION:

To register, please fill out the registration form below. Do not forget to enter your purchase order number in the space provided. Registrations without a purchase order number cannot be processed.

By registering for the training, the customer accepts the general terms and conditions and terms of payment of DGS Diesel- und Getriebeservice GmbH and of NDGS Noviy Dizel Gearbox Service GmbH respectively. You can view our terms and conditions on our website. http://www.dgs-mainz.com/agb

Please email the completed registration form to:

DGS, Diesel- und Getriebeservice GmbH

Wernher-von-Braun-Str. 11

D-55129 Mainz

Germany

Mrs. Renate Henss, Tel.: +49 (0)6131 5807-734, email: rhenss@dgs-mainz.com

and in copy (cc) to:

Mrs. Sabine Martinkovic, Tel.: +49 (0)6131 5807-742, email: smartinkovic@dgs-mainz.com

Registration deadline is 14 calendar days before the start of the training.

Employees of Allison distributors and their dealers who have E-Learn access, please register via the E-Learn online training portal. www.allisonelearn.com

The registration deadline is stated individually for each course. If you need assistance, please call our training department. Phone: +49 (0) 6131 5807-737

REGISTRATION CONFIRMATION, ELIGIBILITY:

After checking your registration form and the availability of a free training place, the customer will receive a written registration and order confirmation by email. This entitles you to participate in the training course, unless the training course is canceled on the day after the registration deadline due to insufficient number of participants.

CANCELLATION and INVOICE:

DGS, Diesel- und Getriebeservice GmbH reserves the right to cancel training courses or to reschedule training dates for important reasons. The customer will be informed of this immediately. If a training course is canceled by DGS, any course fees already paid will be refunded. There are no further claims by the customer against DGS.

Free cancellations by the customer can be accepted up to 1 week before the start of the training course. In the event of later cancellations or non-attendance of the participant, we reserve the right to charge the training fee if the minimum number of participants is not reached due to the cancellation. Furthermore, we reserve the right to charge for any costs incurred by booking a hotel. A substitute participant can be registered. In this case there are no further costs. The invoice for the training will be sent by separate mail immediately after the training has taken place.





Mainz, 05.04.2022

i.V. Rolf Oerter

Training Manager, DGS Diesel- und Getriebeservice GmbH Allison Transmission Distributor for Germany,

Customer Support Manager, NDGS Noviy Dizel Gearbox Service GmbH

Allison Transmission Distributor for Russian Federation, Belarus, Ukraine, Azerbaijan, Kazakhstan, Georgia.

Wernher-von-Braun-Str. 11 D-55129 Mainz Germany

Phone: +49 (0)6131 5807 737

Cell: +49 (0)1761 5807 737

email: roerter@dgs-mainz.com





REGISTRATION FORM TO AN ALLISON TRANSMISSION SERVICE TRAINING COURSE

Send this form to DGS GmbH Mainz, attn: Mrs. Renate Henss, rhenss@dgs-mainz.com and copy to (cc) Mrs. Sabine Martinkovic, smartinkovic@dgs-mainz.com or Mr. Rolf Oerter roerter@dgs-mainz.com.

By registering, You accept the general terms and conditions of DGS GmbH and NDGS GmbH respectively and You confirm that You have informed the participants about the Covid-19 protective measures of DGS GmbH / NDGS GmbH from this document.

Course or Course number as per DGS/NDGS Training Pro	gram:	
Course name:		
Date of Training as per DGS Training Calendar: from:	through:	
Your COMPANY INFORMATION		
Company Name:		
Address:]	
ZIP:City:		
Authorized Person/ Orderer:		
Phone.:email:		
Ypur Purchase Order number.:		
Your VAT number (if applicable).:		
Participants / Trainees		
1: First Name:	Surname:	
2: First Name:	Surname:	
3: First Name:	Surname:	
4: First Name:	Surname:	
5: First Name:	Surname:	
6: First Name:	Surname:	
7: First Name:	Surname:	
8: First Name:	Surname:	





Course descriptions

Course: ZLSA001 All Product Familiarization, All Products

Course Number: EU-AP-2FM01.0LEG Course Length: 2 Days

Course Fee: 590,- € per each trainee

This course provides an introduction to the Allison 1000/2000/3000/4000 Product Families of ON-Highway automatic transmissions, of the Allison Hybrid Electric Drive System, as well as of the OFF Highway Series 5000/6000/8000/9000 Transmissions. A brief overview of the AT/MT/HT Models is also provided. Classroom and lab activities include general construction, systems, features, and operation.

Topics include: Torque converter, power flows, hydraulics, preventive maintenance, and control systems. This is not a service class. Only the basics of each topic will be covered. Hands-on activities may include the disassembly and reassembly of one transmission.

Intended for: "new-employees" of an Allison Transmission Distributor / Dealer, or OEM Service Outlet or Endusers who use these transmissions.

Course: ZLSA002 Allison Transmission Product Familiarization. ON-Highway-Transmission

Course Number: EU-AP-1FM01.0LEG **Course Length:** 1 Day

Course Fee: 295,- € per each trainee

This course provides an introduction to the Allison 1000/2000/3000/4000 Product Families of ON-Highway automatic transmissions. A brief overview of the AT/MT/HT Models is also provided. Classroom and lab activities include general construction, systems, features, and operation..

Topics include: Torque converter, power flows, hydraulics, preventive maintenance, and control systems. This is not a service class. Only the basics of each topic will be covered. Hands-on activities may include the disassembly and reassembly of one transmission.

Intended for: "new-employees" of an Allison Transmission Distributor / Dealer, or OEM Service Outlet or Endusers who use these transmissions.





Course: ZLSA003 Allison Transmission Product Familiarization, OFF Highway Transmissions

Course Number: EU-5689-1FM01.0CUS Course Length:: 1 Day

Course Fee: 295,- € per each trainee

This course provides an introduction to the Allison 5000/6000/8000/9000 Product Families of OFF-Highway automatic and powershift transmissions. Classroom and lab activities include general construction, systems, features, and operation.

Topics include: torque converter, power flows, hydraulics, preventive maintenance, and control systems. This is not a service class. Only the basics of each topic will be covered. Hands-on activities include the partly disassembly and reassembly of some external modules of the transmission.

Intended for: "new-employees" of an Allison Transmission Distributor / Dealer, or OEM Service Outlet or Endusers who use these transmissions.

Course: ZLSA004 Legacy hydraulic controls system of the AT-, MT-, HT-, CT700 Transmission Series

Course Number: TT-AMH-ST01.0LEG Course Length:: 3 Days

Course Fee: 885,- € per each trainee

This course provides a detailed knowledge of the hydraulic-automatic controls system of legacy transmission families AT500, MT600, HT700 and CT700.

Topics include: System design and -function, Components and their functionality, Diagnoosis, special functions (Manual Mode, Dual Mode, Deep Reverse).

Intended for technicians of Allison Transmission Distributors / Dealers or Endusers who perform Diagnostics and In-Chassis-Repairs on these transmissions.





Course: ZLSA005 1000 / 2000 Product Families Service Training Course

Course Number: TT-12-MA01.0FAC **Course Length:** 3 Days

Course Fee: 885,- € per each trainee

This course provides an understanding of the 1000 and 2000 Product Families general description and operation, driver training, preventive maintenance, removal/installation and adaptation hardware checks, and in-chassis repairs.

Classroom topics include torque converter operation, gear pack, clutches and power flows, hydraulics operation, electronic controls theory & vehicle interface, and Allison DOC™ diagnostics & troubleshooting. Hands-on exercises include volt ohmmeter use, basic electrical circuits, connector repair, disassembly into major modules and reassembly of the transmission, as well as a test on the transmission teststand. Upon course completion, technicians will have an applicable understanding of each of the transmission systems which will enable service, diagnosis, and troubleshooting skill development.

Intended for technicians of Allison Transmission Distributors / Dealers or Endusers who perform Diagnostics and In-Chassis-Repairs on these transmissions.

Course: ZLSA006 1000 / 2000 Product Families Overhaul Training Course

Course Number: TT-12-OH01.0FAC **Course Length:** 2 Days

Course Fee: 590,- € per each trainee

This course provides a thorough "hands-on" understanding of the transmission overhaul.

Classroom topics: The Service Manual, Parts Catalog, and transmission cross section charts are used to disassemble, qualify parts for reuse, and reassemble the transmission. The Allison essential "special" tools are demonstrated, along with measurement procedures using dial indicators, micrometers, depth gauges, and telescoping gauges. Special attention is also given to assure proper assembly alignment, bolt location, and torque. This course does not cover topics covered in the 1000/2000 Product Families Service Training Course.

Intended for technicians of Allison Transmission Distributors / Dealers or Endusers who perform Diagnostics and Overhaul of these transmissions.

Prerequisite:

Completion of TT-12-MA01.0FAC, 1000/2000 Product Families Service Training Course.





Course: ZLSA007 3000 / 4000 Product Families Service Training Course

Course Number: TT-34-MA01.0FAC Course Length: 3 Days

Course Fee: 885,- € per each trainee

This course provides an understanding of the 3000 and 4000 Product Families general description and operation, driver training, preventive maintenance, removal/installation and adaptation hardware checks, and in-chassis repairs.

Classroom topics include torque converter operation, gear pack, clutches and power flows, hydraulics operation, retarder operation, electronic controls theory & vehicle interface, and Allison DOC™ diagnostics & troubleshooting. Hands-on exercises include volt ohmmeter use, basic electrical circuits, connector repair, disassembly into major modules and reassembly of the transmission, as well as a test on the transmission teststand. Upon course completion, technicians will have an applicable understanding of each of the transmission systems which will enable service, diagnosis, and troubleshooting skill development.

Intended for technicians of Allison Transmission Distributors / Dealers or Endusers who perform Diagnostics and In-Chassis-Repairs on these transmissions.

Course: ZLSA008 3000 & 4000 Product Family Combined Overhaul Course

Course Number: TT-34-OH01.0FAC Course Length: 3 Days

Course Fee: 885,- € per each trainee

This course provides a thorough understanding of transmission overhaul of both, 3000 and 4000 Family.

Classroom topics: The Service Manuals and Parts Catalogs are used to completely disassemble the transmission, module rebuild, qualify parts for reuse, and reassemble the transmission. The Allison essential "special" tools are demonstrated, along with measurement procedures using dial indicators, micrometers, depth gauges and telescoping gauges. Special attention is also given to assure proper assembly alignment, bolt location, and torque. This course does not include topics covered in the 3000/4000 Product Families Service Training Course.

Intended for technicians of Allison Transmission Distributors / Dealers or Endusers who perform Diagnostics and Overhaul of these transmissions.

Prerequisite:

Completion of TT-34-MA01.0FAC, Serie 3000 and 4000 Service Training Course.





Course: ZLSA009 5th Generation Controls, Gen5 Service Training Course

Course Number: TT-1234-5EC01.0CUS Course Length: 1 Day

Course Fee: 295,- € per each trainee

This course covers the 5th Generation of Allison Transmission electronic controls for the 1000, 2000, 3000 and 4000 Models.

Course content includes an overview of system operation and components, changes in the hydraulic system compared with WTEC III and Gen4, vehicle interface and diagnostics. The Gen5 Troubleshooting Manual and system wiring schematic are covered in detail. Upon course completion, technicians will have an applicable understanding of the Gen5 system which will enable service, diagnosis, and troubleshooting skill development.

Intended for technicians of an Allison Transmission Distributor / Dealer or Endusers who perform Diagnostics and In-Chassis-Repairs on these transmissions, and eventually have already completed a course on the former controls system (WTECIII or Gen4).

Recommended:

Completion of TT-12-MA01.0FAC 1000 / 2000 Service Training
 Or of TT-34-MA01.0FAC 3000 / 4000 Service Training.

Course: ZLSA010 5000 / 6000 / 8000 / 9000 (Off-Highway) Series Service Training Course

Course Number: TT-OFF-MA01.0FAC Course Length: 3 Days

Course Fee: 885,- € per each trainee

This course provides an understanding of the transmission operation, construction, service requirements, and troubleshooting.

Classroom topics include torque converter operation, power flows, gear pack, clutches, retarder operation (where applicable), hydraulic- and electrohydraulic control system, and preventive maintenance. Hands-on exercises cover volt ohmmeter use, basic electrical circuits, connector repair, disassembly and reassembly of a transmission to the modular level, and Allison DOCTM diagnostic tool basics as well as a transmission test on a test bench.

Intended for technicians of an Allison Transmission Distributor / Dealer or Endusers who perform Diagnostics and In-Chassis-Repairs on these transmissions.





Course: ZLSA011 5000 / 6000 / 8000 / 9000 (Off-Highway) Product Family Overhaul Course

Course Number: TT-OFF-OH01.0FAC Course Length: 2 Days

Course Fee: 590,- € per each trainee

This course provides a thorough understanding of transmission overhaul.

Classroom topics: The Service Manual and Parts Catalog are used to disassemble, qualify parts for reuse, and reassemble the transmission. The Allison essential "special" tools are demonstrated, along with measurement procedures using dial indicators, micrometers, depth gauges and telescoping gauges. Special attention is also given to assure proper assembly alignment, bolt location, and torque. This course does not include topics covered in the Off-Highway Product Families Service Training Course.

Intended for technicians of an Allison Transmission Distributor / Dealer who perform Diagnostics and Overhaul of these transmissions.

Prerequisite: Completion of TT-OFF-MA01.0FAC, Off-Highway Product Families Service Training.

Course: ZLSA012 Serie 5000, 6000, 8000, 9000 Off-Highway Electronic Controls (CEC2)

Course Number: TT-5689-DP01.0LEG Course Length: 2 Days

Course Fee: 590,- € per each trainee

This course provides a thorough understanding of Allison Off-Highway transmission electronic controls – CEC2.

Course content includes an overview of system operation and components, vehicle interface, and diagnostics. The CEC2 Troubleshooting Manual and system wiring schematic are covered in detail. Upon course completion, technicians will have an applicable understanding of the CEC2 system which will enable service, diagnosis, and troubleshooting skill development.

Intended for technicians of an Allison Transmission Distributor / Dealer or Endusers who perform Diagnostics and In-Chassis-Repairs on these transmissions.

Recommended: TT-OFF-MA01.0FAC, OFF Highway Service Training.





Course: ZLSA013 Allison DOC™ Diagnostic Tool and Reprogramming Training.

Course Number: TT-1234-DS01.0LEG Course Length: 3 Days

Course Fee: 885,- € per each trainee

Allison DOC[™] Premium (Diagnostic Optimized Connection) is the essential diagnostic program tool for use with 1000/2000/3000/4000 Product Families of automatic transmissions, as well as for the 5000/6000/8000/9000 OFF-Highway Product Families.

Course content: This program (classroom only) provides a systematic approach to perform system diagnostics, troubleshooting, and reprogramming of selected parameters. Specifics of Allison DOC™ include navigating through the tool's computer screens, using the demo mode/ graphics monitor/ strip chart options, and the accessing of specific troubleshooting manual pages within the tool. This course does not cover the design, functionality and operation of a specific transmission series. The Trainee must have a detailed understanding of the transmissions he wants to diagnose. Therefor the completion of a Transmission Service Training is prerequisite, respectively highly recommended.

Intended for technicians of an Allison Transmission Distributor / Dealer who perform Diagnostics on electronically controlled transmissions and In-Chassis-Repairs.

Prerequisite:

TT-12-MA01.0FAC 1000 / 2000 Service Training or
 TT-34-MA01.0FAC 3000 / 4000 Service Training or
 TT-0FF-MA01.0FAC 5000/6000/8000/9000 Service Training

Course: ZLSA014 Allison Electric Drives (AED) Service Training Course

Course Number: TT-AED-MA01.0FAC Course Length:: 3 Days

Course Fee: 885- € per each trainee

This course provides an understanding of the Allison H40/H50 EP Hybrid System general description and operation, driver training, preventive maintenance, removal/installation and adaptation hardware checks, and in-chassis repairs.

Course content includes general description and operation, maintenance and safety procedures, and driver training. An overview of all System Components is covered, along with identification of special tools. Hands-on partial disassembly of a drive unit is performed with focus on serviceable items (service manual). The Allison DOCTM troubleshooting tool is used to diagnose "live bugs" on an Allison Electric Drive equipped vehicle. **Particular focus points on safety during work on High Voltage systems**.

Intended for technicians of an Allison Transmission Distributor / Dealer who perform Maintenance, Diagnostics and In-Chassis-Repairs on Allison Hybrid Systems.

Recommended: TT-ED-1FM01.0LEG Allison Hybrid (AED) Familiarization Training





Course: ZLSA015 Allison Electric Drives (Hybrid) Drive Unit Overhaul Training

Course Number: TT-AED-OH01.0FAC Course Length:: 2 Days

Course Fee: 590,- € per each trainee

This course provides a thorough understanding of the EP Drive Unit Overhaul of the H40/H50 EP Hybrid system.

Classroom topics: The Service Manual and Parts Catalog are used to disassemble, qualify parts for reuse, and reassemble the transmission. The Allison essential "special" tools are demonstrated, along with measurement procedures using dial indicators, micrometers, depth gauges and telescoping gauges. Special attention is also given to assure proper assembly alignment, bolt location, and torque. This course does not include topics covered in the Allison Hybrid Service Training Course. Course content includes general description and operation, maintenance and safety procedures, along with identification of special tools. Hands-on disassembly of a drive unit is performed

Intended for technicians of an Allison Transmission Distributor / Dealer who perform Diagnostics and Overhaul of these Allison Hybrid Systems.

Prerequisite: Completion of TT-AED-MA01.0FAC, Allison Hybrid (AED) Service Training

Course: ZLSA016 Allison Electric Drives (Hybrid) Energy Storage System Overhaul Training

Course Number: TT-AED-OHO2.0FAC Course Length:: 2 Days

Course Fee: 590,- € per each trainee

This course provides a thorough understanding of Energy Storage System (ESS) Overhaul.

Classroom topics: The Service Manual and Parts Catalog are used to disassemble, qualify parts for reuse, and reassemble the ESS. The Allison essential "special" tools are demonstrated. Special attention is also given to assure proper assembly alignment, bolt location, and torque. This course does not include topics covered in the Allison Hybrid Service Training Course. Course content includes general description and operation, maintenance and safety procedures, along with identification of special tools. Hands-on disassembly of an Energy Storage Sytsem is performed.

Intended for technicians of an Allison Transmission Distributor / Dealer who perform Diagnostics and Overhaul of these Allison Hybrid Systems.

<u>Prerequisite:</u> Completion of TT-AED-MA01.0FAC, Allison Hybrid (AED) Service Training.





Course: ZLSA017 Application and Installation Training

Course Number: EU-1234-AI01.0CUS Course Length:: 3 Days

Course Fee: 885,- € per each trainee

This program provides an understanding of general features and applications for all Allison transmissions with emphasis on the 1000/2000/3000/4000 Product Families. The course addresses "how to" locate and utilize detailed installation specifications and guidelines.

Classroom topics include theorie of cooling tests, vehicle design requirements, engineering guidelines, and electronic engine data interface. The program features a detailed look at Allison's new web-based application program - iSCAAN - and provides hands-on computer and lab activities, including analysis of drivelines and engine adaptation components.

Intended for Sales- & Application Engineers of an Allison Transmission Distributor / Dealer.

Prerequisite:

- At least one (1) completed training path for one transmission series.
- Trainees must bring their Laptop Computer.

Course: ZLSA018 SAE J1939 CAN-Databus Service Training

Course Number: EU-1234-DP01.0CUS Course Length:: 2 Days

Course Fee: 590,- € per each trainee

This program provides an understanding of Databus Communication of the J1939 CAN-Standard.

Topics include: System design and operation, Databus-structure, hardware, Message-structure, Integration, Diagnostic Provisions.

Intended for Application Engineers and Service Engineers of an Allison Transmission Distributor / Dealer.

<u>Prerequisite:</u> Completion of TT-1234-DS01.0LEG, Allison DOC Service & Reprogramming Training.





Course: ZLSA020 Basic Failure Analysis and Investigative Methods in Transmission Service.

Course Number: TT-AP-IM01.0CUS Course Length:: 4 Days

Course Fee: 1180,- € per each trainee

This course provides knowledge and methods of diagnostics, troubleshooting and failure analysis in Automatik

Transmissions.

Classroom topics: Basics, Shift Quality, Fluids, Fluid Analysis and -Filtration, Driveline Analysis, Failure Modes on Friction Plates, Cooling System, Failure Analysis, Vehicle Physics, Vibration, Warranty.

Intended for Service Engineers of an Allison Transmission Distributor / Dealer who are working with customers or OEMs. Mainly Service Managers, Shop foremen, Technical Warranty Administrators with technical background

Prerequisite:

- At least one (1) completed training path for one transmission series.
- Trainees must bring their Laptop Computer.