

					<h1>Service Report</h1>					
					Repair Order (RO) Nr.			To be determined		
					Date of failure			08.11.2023		
					Repair Order Open Date			08.11.2023		
From: <<Global Industrial Solutions>> LLC, 100097 Tashkent, Uzbekistan, Tel: +998712319238										
Report to: Rolf Oerter, Customer Support, Training Tel: +49 6131-5807-737, cell: +49 1761-5807-737 email: roerter@dgs-mainz.com										
		Customer, Orderer:		Enduser, Owner of vehicle:			Location of repair:			
Name:		Yutong Uzbekistan		Transport Service of Tsshkent City, TashshaharTrans			Global Industrial Solutions			
Street:										
Town:							Tashkent, Uzbekistan			
ZIP Code							100097			
Province:										
Contact:							Tokhir Abbasov			
Tel.:							+998712319238			
Fax:										
email:							takhir@global-industrial.uz			
Customer Purchase order #:							Customer PO Date:			
Repairing Outlet (Allison Dealer)										
Transm. Model:		T375_R		PN:		E027061		SN:		6511851473
Replacement Transmission:				PN:				SN:		
TCM		Gen5		PN 2:		63CR0YQ8		SN 2:		BK6884A330190279
Replacement TCM, ECU, or Shift Sel.				Replacement PN 2:		29556884 / 63CR0YQ8		Replacement SN 2:		BK6884A331140128
Non-Allison Part				PN 3:				SN 3:		
Application:				OEM:				Model:		
Application Code:										
vehicle ID #(VIN):		LZYTGMGEF5P1003153		Registr.plate:		873LKA		Engine:		Yuchai
In Service Date:		10.05.2023		Veh. hours:				Veh.km:		53558
Pre Delivery		YES		NO	X	Claim Type: 1		Field Action # or Activity Indicator		
Date in Service after last repair, or Date in Service of exchange unit if failed unit was repaired once before, or if failed unit is already a replacement (SWING) Transmission :										
Travel Time:				Travel km if company car used:				PFPN:		29556884
Labor Last Applied date:		08.11.2023		Technician's Name:		R.Oerter, DGS Customer Support Mgr.				
AWAARE Complaint Code:				AWAARE Failure Code						
Diagnostic Codes:		P2789 active								

Complaint: Prognostics indicator permanently illuminated, Check Transmission Light ON, DTC P2789 active

Cause: P2789 « Transmission Clutch Life Expired (Clutch Adaptive Learning at End) ». TCM SN BK6884A330190279 failed.

Correction: Troubleshooting with Allison DOC Diagnostic system. No other codes in TCM memory. Only P2789 active. C3 clutch life shown at 19% only. Other clutches at much higher life.

Transmission Health Indicator	C1	C2	C3	C4	C5
OK	OK	OK	OK	OK	OK
Percent Clutch Life Remaining	96 %	91 %	19 %	80 %	49 %

Performed Clutch Test. All clutches ok during STALL Test. STALL speed 1780-1800 rpm, ok. (snapshot recorded).

Installed a test TCM as per TS-Manual-advise. OK. No code appeared with Test TCM. (snapshot). Reinstalled original TCM. DTC P2789 reoccurred active and could not been cleared. (snapshot)

Re flashed the original TCM (downloaded calibration via TCM Reflash per TCM SN).

Performed Test drive. After 30 minutes test drive, the C3 clutch life again was down from 100% to 40%. All other clutches stood at 100% or very close.

Transmission Health Indicator	C1	C2	C3	C4	C5
OK	OK	OK	OK	OK	OK
Percent Clutch Life Remaining	94 %	100 %	44 %	100 %	100 %

Finally replaced original TCM by new replacement TCM SN BK6884A331140128
After 30 minutes test drive, C3 clutch life stood at 100%. Replacement of TCM resolved the issue. (snapshot).

Comment: R&R TCM was necessary in order to access the connecting bolt of the 80-pin-TCM-connector due to limited spaceclaim.

Labor Code	Description	Time allowed	Time needed (hours)
00096901	Troubleshooting and Diagnostics		1,0
00094011	R&R Compartment cover for access to TCM and ti Diagnostic connector		1,0
00094701	R&R TCM two times, as needed	0,4	0,8
00096501	Recalibrate TCM (TCM Reflash)		1,0
00096400	Final Test drive after final TCM replacement		0,5
00096900	First Test drive after recalibration of original TCM		0,5

Part Number	Part Description	Qty
29556884	TCM Gen5	1

Net item type	Net item Description	Gross (incl. VAT)	VAT	Net

Tashkent, 08.11.2023

Rolf Oerter
Customer Support Manager,
DGS Diesel- und Getriebeservice GmbH

