

Repair Order Section Detail

TranSpec Leasing, Inc.

Repair Order: OMA-00046317 Shop: OMA Unit: 1258 2002 IHC 9400I Domicile: OMA Cost Cntr: 1101 OMA License: VIN: 2HSCBAER02C036925	Status: CLOSED Customer: TRALEA I/CO-TL - TRANSPEC Make: NVSTR Model: 9400I Year: 2002 In Service: 1/23/2007	Repair Class: NONSCHEDULED Repair Site: FACILITY Opened: 2/19/2016 Closed: 3/2/2016 Completed: 3/1/2016 Odometer: 798,862
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Section: 15 Priority: 5 Component: 023-002 Clutch Assembly War. Type: NO WARRANTY	Complaint: INOPERATIVE Rep Reason: INSPECTION Unit War: None	Comments: Truck not going into gear checked clutch brake it was fine. clutch was out of adjustment. adjusted it to spec. still would not go into gear. adjusted clutch to slightly tighter than spec. still can not get it into gear. adjusted linkage due to too much free play. adjusted linkage to get to freeplay of 1 3/4. still can not get into gear easily or smoothly. When you are able get it to get into gear truck lurches and tries to roll. [JACHEN] assisted jacob with a clutch adjustment. [KYLTAY] truck needs new clutch. [JACHEN]
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Vendor: AUTOBRA	AUTO BRAKE & CLUTCH INC
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Comments

Date:	Comment Text	Vendor
02/24/16	checked clutch brake it was fine. clutch was out of adjustment. adjusted it to spec. still would not go into gear.	N
02/24/16	adjusted clutch to slightly tighter than spec. still can not get it into gear. adjusted linkage due to too much free	N
02/24/16	play. adjusted linkage to get to freeplay of 1 3/4. still can not get into gear easily or smoothly. When you are able	N
02/24/16	get it to get into gear truck lurches and tries to roll. [JACHEN]	N
02/24/16	assisted jacob with a clutch adjustment. [KYLTAY]	N
02/24/16	truck needs new clutch. [JACHEN]	N
02/25/16	verified that jacob had the clutch adjustment set up correctly. he did. Truck is very hard to shift into gear, when you	N
02/25/16	do get it into gear it wants to move even with the clutch to the floor. [KYLTAY]	N
02/25/16	removed drive line and air tanks [CURHAU]	N

1258

New Clutch

New Turbo

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Repair Order: OMA-00046317 **Unit:** 1258

02/23/16 installed turbo and torqued to specification per quick serve [CURHAU]

02/23/16 finished reassembling the truck [CURHAU]

Labor

Date:	Mechanic	Description	Hours	Rate	Total
02/22/16	CURHAU	Turbocharger	4.27	\$25.00	\$106.75
02/22/16	CURHAU	Turbocharger, LEAKING, DISASSEMBLE	1.32	\$25.00	\$33.00
02/22/16	CURHAU	Turbocharger, LEAKING, DISASSEMBLE	3.58	\$25.00	\$89.50
02/22/16	MICRUF	Turbocharger	0.05	\$25.00	\$1.25
02/22/16	KYLTAY	Turbocharger	1.37	\$25.00	\$34.25
02/22/16	KYLTAY	Turbocharger	1.45	\$25.00	\$36.25
02/22/16	KYLTAY	Turbocharger	0.02	\$25.00	\$0.50
02/22/16	JIMBRE	Turbocharger, NOT CONNECTE, DISASSEMBLE	1.00	\$25.00	\$25.00
02/23/16	CURHAU	Turbocharger	0.13	\$25.00	\$3.25
02/23/16	CURHAU	Turbocharger	0.28	\$25.00	\$7.00
02/23/16	CURHAU	Turbocharger	0.37	\$25.00	\$9.25
02/23/16	CURHAU	Turbocharger	1.30	\$25.00	\$32.50
02/23/16	CURHAU	Turbocharger	0.77	\$25.00	\$19.25
02/23/16	CURHAU	Turbocharger	0.05	\$25.00	\$1.25
02/26/16	CURHAU	Turbocharger, LEAKING, DISASSEMBLE	0.00	\$25.00	\$0.00

Parts

Date:	Part ID	Description	After Mkt	Qty	Unit Price	Total
02/19/16	43-3804502RX	TURBO	Y	1.00	\$1,263.70	\$1263.70
02/22/16	42-3519061C1	radiator clamp	Y	1.00	\$18.13	\$18.13
02/22/16	42-3519061C1	radiator clamp	Y	1.00	\$18.13	\$18.13
02/22/16	41-44IHC9B	CAC-INTERANTIONAL	Y	1.00	\$650.00	\$650.00
02/23/16	43-3865235	N-14 EXHAUST GASKET	Y	3.00	\$14.05	\$42.15

Totals Repair Order OMA-00046317

Total Parts Issued:	7.00
Total Labor Hours:	15.96
Total Part Charges:	\$ 1,992.11
Total Labor Charges:	399.00
Total Tax Charges:	0.00
Total Fee Charges:	0.00
Total Service Charges:	\$ 0.00
Repair Total:	2,391.11

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Repair Order: OMA-00046317		Unit: 1258	
02/25/16	pulled floor out of the cab to access the top of the transmission [CURHAU]		N
02/25/16	pulled the shift tower off and zip tied it up installed plate to cover the hole [CURHAU]		N
02/25/16	removed the clutch bolts and removed 6 out of the 12 bell housing bolts [CURHAU]		N
02/25/16	put the transmission jake back together and supported the transmission. [CURHAU]		N
02/25/16	removed the rest of the bell housing bolts and dropped the transmission [CURHAU]		N
02/25/16	had to drain the transmission to remove cooler lines [CURHAU]		N
02/25/16	removed clutch and flywheel informed Rich that clutch and flywheel were down he call the clutch guy [CURHAU]		N
02/25/16	cleaned surfaces [CURHAU]		N
02/25/16	attempted to remove the input shaft of the transmission under the truck unable to [CURHAU]		N
02/25/16	pulled transmission out from under the truck and remove the input shaft [CURHAU]		N
02/25/16	installed new input shaft and new bearing [CURHAU]		N
02/26/16	staked the transmission, installed clutch bolts, and found that the clutch arm between the pivot and the clutch was		N
02/26/16	bent [CURHAU]		N
02/26/16	straightened the linkage and reinstalled, installed first drive line need torqued [CURHAU]		N
02/26/16	installed drive line after the carrier bearing and torqued drive line [CURHAU]		N
02/26/16	filled transmission and reinstalled air tanks with help from Micheal Ruff [CURHAU]		N
02/26/16	installed shift tower and reinstalled the floor [CURHAU]		N
02/26/16	checked transmission after i got it off the ramps [CURHAU]		N
02/26/16	truck will need to be test drove parked in the repair row [CURHAU]		N
02/29/16	found that the tag up bag was not sealing properly then found that the wires were not connected to the valve fixed the		N
02/29/16	wires and then found that the tag air tank had no air [DOURE]		N

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TranSpec Leasing, Inc.

Repair Order: OMA-00046317 Unit: 1258

Labor			Vendor	Hours	Rate	Total
Date:	Mechanic	Description				
02/24/16	JACHEN	Clutch Assembly	N	2.77	\$25.00	\$69.25
02/24/16	KYLTAY	Clutch Assembly	N	0.28	\$25.00	\$7.00
02/25/16	KYLTAY	Clutch Assembly	N	0.03	\$25.00	\$0.75
02/25/16	DOUREI	Clutch Assembly	N	0.93	\$25.00	\$23.25
02/25/16	CURHAU	Clutch Assembly	N	5.30	\$25.00	\$132.50
02/25/16	CURHAU	Clutch Assembly	N	4.47	\$25.00	\$111.75
02/26/16	CURHAU	Clutch Assembly	N	5.27	\$25.00	\$131.75
02/26/16	CURHAU	Clutch Assembly, WORN OUT, ADJUSTED	N	2.97	\$25.00	\$74.25
02/26/16	MICRUF	Clutch Assembly	N	0.33	\$25.00	\$8.25
02/29/16	DOUREI	Clutch Assembly, CRACKED, REPLACED NEW	N	0.00	\$25.00	\$0.00
02/29/16	DOUREI	Clutch Assembly, MISADJUSTED, INSPECTED	N	3.07	\$25.00	\$76.75

Parts			After Mkt	Vendor	Qty	Unit Price	Total
Date:	Part ID	Description					
02/25/16	23-5396-BK313	CLUTCH BRAKE -MACK	E	N	1.00	\$20.98	\$20.98
02/25/16	23-KIT5367	transm kit	E	N	1.00	\$115.29	\$115.29
02/25/16	26-1212-SLV	transmission bearing	E	N	1.00	\$52.44	\$52.44
02/26/16	24-250-70-18X	U-JOINT RETAINER KIT	E	N	2.00	\$22.69	\$45.38
02/26/16	26-4305294	SHIFT GASKET	E	N	1.00	\$4.86	\$4.86

Services			Vendor	Charge	Total
Date:	Description				
02/25/16	Clutch Kit		Y	\$555.83	\$555.83
02/25/16	Flyw heel		Y	\$65.00	\$65.00

Totals Repair Order OMA-00046317

Total Parts Issued:	6.00
Total Labor Hours:	25.42
Total Part Charges:	\$ 238.95
Total Labor Charges:	635.50
Total Tax Charges:	0.00
Total Fee Charges:	0.00
Total Service Charges:	\$ 620.83
Repair Total:	1,495.28

Repair Order Section Detail

TranSpec Leasing, Inc.

Repair Order: OMA-00046317	Status: CLOSED	Repair Class: NONSCHEDULED
Shop: OMA		Repair Site: FACILITY
Unit: 1258	Customer: TRALEA	Opened: 2/19/2016
2002 IHC 9400I	I/CO-TL - TRANSPEC	Closed: 3/2/2016
		Completed: 3/1/2016
Domicile: OMA	Make: NVSTR	
Cost Cntr: 1101 OMA	Model: 9400I	Odometer: 798,862
License:	Year: 2002	
VIN: 2HSCBAER02C036925	In Service: 1/23/2007	

Section: 4	Complaint: INOPERATIVE	Comments:
Priority: 5	Rep Reason: INSPECTION	turbocharger needs replaced
Component: 043-004	Unit War: None	
Turbocharger		
War. Type: NO WARRANTY		

Comments

Date:	Comment Text
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02/22/16	removed old turbo found that the studs were worn out [CURHAU]
02/22/16	attempted to remove one stud to see if we had them but the stud broke in the process [CURHAU]
02/22/16	cleaned all surfaces while Rich attempted to extract the broken bolt [CURHAU]
02/22/16	unable to remove the remainder of the bolt Rich decided to tap out the hole larger so we could install a bolt [CURHAU]
02/22/16	taped out the hole and started to pull the air to air while waiting for new gaskets for exhaust manifold [CURHAU]
02/22/16	cleaned the exhaust manifold bolts and torqued to specification off quick serve [CURHAU]
02/22/16	informed Kyle where i left off and what i did [CURHAU]
02/22/16	top left turbo mounting stud broke off while attempting to torque turbo to exhaust manifold. [KYLTAY]
02/22/16	attempted to removed broken stud. [KYLTAY]
02/22/16	got reassigned to 1523. [KYLTAY]
02/22/16	Remove broken studs from exhaust manifold center section [JIMBRE]
02/23/16	toped off coolant [CURHAU]
02/23/16	reinstalled exhaust manifold and torqued to specification per quick serve [CURHAU]