

*Transmission
Check
9/29/67*

Problem indicated by customer is no power to transmission from engine to wheels

- Receive transmission; note that crate was coming apart on each end upon arrival.
- Remove from crate and examine externally.
- Remove ratios and record back lash and preload.
- Inspect lay shaft and pinion shaft for failure. None found.
- Inspect diff. externally, OK.
- Contact customer with findings.
- Assemble gearbox, torque and seal.
- Repair crate and fit and pack transmission.
- Organize shipping.

Trans 9-31 CWP Webster Mfg.
Ratios 12-29 15-30 15-25 17-245 24 28
Back lash .005 to .008. Preload 17 inch lbs.
Good wear pattern on ring and pinion, back lash and preload are correct
Fork and dog ring clearance in spec.
This gearbox seems to be assembled properly and running just fine.

RACE ENGINEERING, INC.

ENUE G
14
TX 754



Estimate

Estimate Number: 3028

Estimate Date: Oct 18, 2007

Page: 1

Phone: 972-422-0567

Fax: 972-422-8677

To:

Description: _____

Date Received: _____

Date Due: _____

Approval: _____

Phone:

Fax:

Customer ID	Good Thru	Work Order Number	Sales Rep
SCOTTRICHARD	11/17/07		SRV

Quantity	Item	Description	Unit Price	Extension
1.00	INV-040780	RING & PINION MK8/9 9/31 WEBSTER (BURNED)	1,235.83	1,235.83
1.00	INV-040931B	BEARING PINION 4-BOLT STEEL CAGE (REPLACE WITH RING AND PINION)	281.00	281.00
1.00	INV-040826	MAIN CASE VW 4-BOLT WITH MACHINED SPIGOT (CRACKED BELL AND LOOSE BEARING BORES)	480.00	480.00
1.00	INV-B3816114	SPIGOT RETAINING BOLT	1.25	1.25
1.00	INV-040869	REVERSE IDLER SPIGOT 5/16(REQUIRED WITH NEW CASE)	59.67	59.67
1.00	INV-040919	FRONT WASHER 5/16 HOLE	17.33	17.33
1.00	INV-092375	BOLT 5/16 SELF LOCKING	1.25	1.25
1.00	INV-041011B	4-BOLT RET PLATE W/ BOLTS WEB (WARPED)	98.33	98.33
1.00	INV-041050	COUPLING SLEEVE WEBSTER(WORN SPLINES)	60.42	60.42
1.00	INV-041060	SNAP RING CLUTCH SHAFT	1.00	1.00
1.00	INV-041070	INPUT SHAFT OIL SEAL MK PREMIUM QUALITY. MANUFACTURED BY NAK RACETECH TO TRE SPECIFICATIONS IN ENGLAND.	6.75	6.75
2.00	INV-040672	SIDEPLATE O RING VW	4.00	8.00
2.00	INV-082054	OIL SEAL STUB AXLE FT MK 4-8	8.00	16.00
2.00	INV-082052	CIRCLIP: AXLE BEARING MK4-8	4.50	9.00
2.00	INV-082191	CIRCLIP STUB AXLE MK 4 THROUGH MK8	1.72	3.44
2.00	INV-082051	DIFFERENTIAL CARR BEARING MK 8	65.00	130.00
8.00	INV-041483	BOLT RING GEAR HD NAS	6.55	52.40

Subtotal	Continued
Sales Tax	Continued
Total	Continued

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RACE ENGINEERING, INC.
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 TX 75114



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Quantity	Item	Description	Unit Price	Extension
8.00	INV-041484	NAS HARDENED WASHER FOR RING GEAR BOLT 041483	0.50	4.00
1.00	INV-020101	REAR STUD AND NUT KIT FOR EARLY MK SERIES GEARBOX. 5 LONG AND 4 SHORT BEARING CARRIER STUDS	52.00	52.00
8.00	INV-AN6-10A	AN6-10A BOLT	1.92	15.36
	INV-020071	NAMEPLATE HEWLAND FOR VINTAGE GEARBOXES MK3-7	7.50	7.50
1.00	INV-040040	PLUG: PLUNGER 1/R LOCKOUT	14.33	14.33
1.00	INV-040111	MAGNETIC DRAIN PLUG 1/4 IN	3.00	3.00
6.00	INV-040140	SPRING DETENT	1.67	10.02
2.00	INV-092036	BUSHING SELCTOR FINGER AMERICAN	6.03	12.06
3.00	INV-020053	SCREW FOR ATTACHING TAYLOR RACE ENGINEERING SHIFTER SHAFT SEAL KIT	0.50	1.50
1.00	INV-020051	SEAL SHIFTER SHAFT INNER QUAD RING ALSO FITS FT200 SHIFTER SHAFT SEAL POCKET	1.05	1.05
1.00	INV-020052	SEAL SHIFTER SHAFT EXTERNAL DIRT WIPER TAYLOR RACE ENGINEERING	5.30	5.30
1.00	INV-040240	FIRST/REVERSE SHIFT FORK(WORN OUT)	139.75	139.75
1.00	INV-B516181	PINCH BOLT MK9	1.00	1.00
2.00	INV-040280	WASHER 7/16	0.06	0.12
2.00	INV-040290	NUT SHIFT FORK - SELF LOCKING	2.67	5.34
2.00	INV-040300	HRDND & GROUND WASHER	3.00	6.00
1.00	INV-040301	1/R STOP TUBE	10.60	10.60
2.00	INV-040400	COTTER PIN PINION AND LAYSHAFT NUT	0.37	0.74
8.00	INV-AN6-10A	AN6-10A BOLT	1.92	15.36
16.00	INV-040170	NUT - 8MM	0.25	4.00

Subtotal	Continued
Sales Tax	Continued
Total	Continued

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RACE ENGINEERING, INC.

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Quantity	Item	Description	Unit Price	Extension
16.00	INV-040090	WASHER 5/16 IN	0.05	0.80
1.00	INV-050701	CLUTCH SLAVE CYL SAAB 900 TRE (MAINTENANCE ITEM)	90.00	90.00
1.00	INV-050702	CLUTCH RELEASE BEARING SAAB	39.00	39.00
1.00		MISC PARTS / ONLY CHARGED FOR PARTS ACTUALLY USED	150.00	150.00
		TOTAL PARTS \$3050.50		
1.00	SER-010401	BLUEPRINT MK8 9 GEARBOX	1,071.00	1,071.00
1.00	SER-010799	WELD UP AND REMACHINE SHIFT FINGER TIP TO THE PROPER SIZE AND SHAPE	82.00	82.00
1.00	SER-010606	GLASSBEAD AND CLEARCOAT ALL CASTINGS	54.00	54.00
16.00	SER-010613	INSTALL STUDS EACH	2.00	32.00
0.75	SER-010699	CUT BELLHOUSING TO MATCH OLD ONE	77.00	57.75
		TOTAL LABOR \$1296.75		
1.00	INV-040480	DOG RING (UPGRADE TO NARROW LUG)	124.00	124.00
1.00	INV-661530	GEARSET MK 5 2ND 15:30(PITTED)	254.00	254.00
1.00	INV-631626	GRST MK5 9310 TOP 16:26 WEB (REPLACE PITTED 15/24)	175.00	175.00
		TOTAL CONSUMABLES \$553.00		
			Subtotal	4,900.25
			Sales Tax	
			Total	4,900.25

*notes
we run mk 8 gears*

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