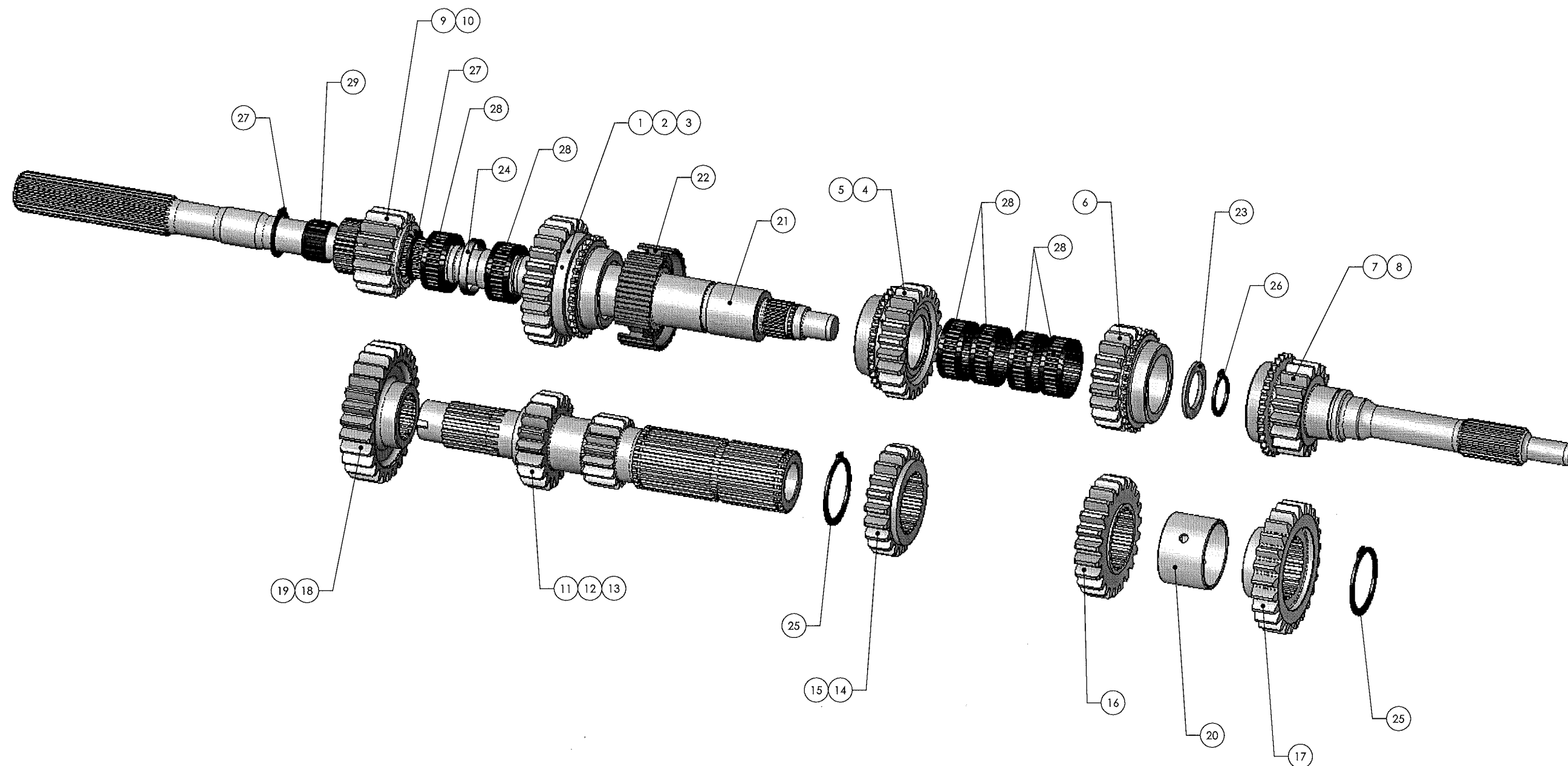




TITLE GENERAL ASSEMBLY

SCALE 1:1.5 U.O.S. SHEET 1 OF 2

Drg. No. QKE15Z

A1(4)border

Quaife Design & Development.

FINISH. MACH.	GRIND@G
LIMITS. FRACT. $\pm 1/64"$	
DEC. $\pm 0.005"$	
MATERIAL.	
TREATMENT.	
ISSUE. 01 DATE. 4.9.08	
DRAWN BY. J.P.D.	

IF IN DOUBT, ASK.

Used In. QUaife FORD SIERRA
5SPEED CLUBMAN SYNCHRO

SOLID WORKS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	E-15Z1-07	1ST GEAR M/S, 25T - R2.040:1	1
2	E-15Z1-09	1ST GEAR M/S, 27T - R2.200:1	1
3	E-15Z1-02	1ST GEAR M/S, 26T - R2.390:1	1
4	E-15Z1-03	2ND GEAR M/S, 22T - R1.540:1	1
5	E-15Z1-10	2ND GEAR M/S, 23T - R1.690:1	1
6	E-15Z1-04	3RD GEAR M/S, 19T - R1.210:1	1
7	E-13Z1-13	INPUT SHAFT, 17T - R1:1 SHORT	1
8	E-13Z1-14	INPUT SHAFT, 17T - R1:1 LONG	1
9	E-13Z2-05	5TH GEAR M/S, 16T - R0.870:1	1
10	E-13Z1-35	5TH GEAR M/S, 19T - R0.931:1	1
11	E-13Z1-15	LAYSHAFT 1ST/REV, 18T - R2.040:1	1
12	E-13Z1-27	LAYSHAFT 1ST/REV, 18T - R2.200:1	1
13	E-13Z1-08	LAYSHAFT - 1ST R2.390:1	1
14	E-13Z1-11	2ND GEAR L/S, 21T - R1.540:1	1
15	E-13Z1-28	2ND GEAR L/S, 20T - R1.690:1	1
16	E-13Z1-12	3RD GEAR L/S, 23T - R1.210:1	1
17	E-13Z1-09	4TH GEAR L/S, 25T - R1:1	1
18	E-13Z1-07	5TH GEAR L/S, 27T - R0.870:1	1
19	E-13Z1-18	5TH GEAR L/S, 30T - R0.930:1	1
20	E-2Z1-12	SPACER 3RD/4TH GEAR L/S	1
21	E-15Z2-25	MAINSHAFT ASSEMBLY	1
22	E-5Z2-27	SYNCHRO HUB	1
23	E-15Z1-06	SPACER WASHER	1
24	E-2Z1-13	BEARING SPACER	1
25	246	CIRCLIP - EXTERNAL	2
26	504	CIRCLIP - EXTERNAL	1
27	890	CIRCLIP - EXTERNAL	2
28	245	BEARING - ROLLER 35x40x17	6
29	681S	BEARING - NEEDLE CAGE SPLIT	2

TITLE GENERAL ASSEMBLY

SCALE 1:1 U.O.S. SHEET 2 OF 2

Drg. No. QKE15Z

Quaife Design & Development.

IF IN DOUBT, ASK.

FINISH. MACH. GRIND@G

LIMITS. FRACT. $\pm 1/64"$

DEC. $\pm 0.005"$

MATERIAL.

TREATMENT.

ISSUE. 01 DATE. 4.9.08

DRAWN BY. J.P.D.

Used In. QUAIFE FORD SIERRA

5SPEED CLUBMAN SYNCHRO

SOLID WORKS

Quaife Parts List No. :- For QUAIFE:- Consists of :-		E-15Z1-PL01	Sheet	1	of	2
		SIERRA 5 C.R. H/DUTY	Date	20/02/2008		
		N/ BRG SPUR SYNCHRO	Drawn By	H.R.		
		MANUFACTURED PARTS	Rev. No.	18		
Part No.	Iss.	Title / Description			Qty	Rev
E-15Z1-07	2	1st GEAR M/S 27T. R2.04:1			1	14
E-15Z1-03	5	2nd GEAR M/S 22T. R1.54:1			1	1
E-15Z1-04	6	3rd GEAR M/S 19T. R1.21:1			1	2
E-13Z1-13		INPUT SHAFT 17T. R1:1 SHORT			1	1
E-13Z2-05		5th GEAR M/S 16T. R0.87:1			1	1
E-13Z1-15		L/S 1st/REV. 16T. R2.04:1 REV. R2.85:1			1	1
E-13Z1-11		2nd GEAR L/S 23T. R1.54:1			1	1
E-13Z1-12		3rd GEAR L/S 19T. R1.21:1			1	1
E-13Z1-09		4th GEAR L/S 25T. R1:1			1	1
E-13Z1-07		5th GEAR L/S 27T. R0.87:1			1	1
E-15Z2-05	9	MAINSHAFT			1	12
E-15Z1-06	2	SPACER WASHER, 3rd/4th SYNCHRO HUB			1	1
E-5Z2-27		SYNCHRO HUB M/S			1	1
E-2Z1-12		SPACER ,L/S 3rd/4th GEARS			1	1
E-2Z1-13		SPACER RING 1st GEAR M/S			1	1
D-1P1-01		SUPPLY DRG - BEARING PLATE MOD'S.			1	1
D-1P1-02		SUPPLY DRG - INNER BEARING MOD'S.			1	1
		ALTERNATIVE GEARS				
E-15Z1-02	1	1st GEAR M/S 26T. R2.39:1			1	1
E-13Z1-08		L/S 1st/REV. 16T. R2.39:1 REV. R2.85:1			1	1
E-15Z1-09	1	1st GEAR M/S 27T. R2.20:1			1	1
E-13Z1-27	2	L/S 1st/REV. 16T. R2.20:1 REV. R2.85:1			1	16
E-15Z1-10	3	2nd GEAR M/S 23T. R1.69:1			1	1
E-13Z1-28		2nd GEAR L/S 23T. R1.69:1			1	1
E-15Z1-12	3	2nd GEAR M/S 21T. R1.380:1			1	1
E-15Z1-16	1	2nd GEAR L/S 22T. R1.380:1			1	1
E-13Z1-35		5th GEAR M/S 19T. R0.931:1			1	1
E-13Z1-18		5th GEAR L/S 30T. R0.931:1			1	1
E-13Z1-14		INPUT SHAFT 17T - LONG			1	2
E-13Z1-23		INPUT SHAFT 17T VAUXHALL FIT			1	2

Quaife Parts List No. :- For QUAIFE:- Consists of :-		E-15Z1-PL01 SIERRA 5 C.R. H/DUTY N/ BRG SPUR SYNCHRO MANUFACTURED PARTS	Sheet	2	of	2
			Date	20/02/2008		
			Drawn By	H.R.		
			Rev. No.	18		
Part No.	Iss.	Title / Description	Qty	Rev		
		OPTIONAL				
E-15Z1-20	15	ALLOY CASING - Q275	1	11		
E-15Z1-19	6	TOP COVER - Q270	1	16		
E-15Z1-23	3	NOSE CONE - SIERRA 5 SPEED. - Q271	1	10		
E-13Z1-25		BAULK RING - 1st/2nd GEARS.	2	1		
E-13Z1-26		BAULK RING - 3rd/4th GEARS.	2	1		
E-15Z1-21	2	REV. RELAY LEVER PIN. - ALLOY CASE	1	1		
E-15Z1-22	1	V6 MOD'S TO G/BOX MAINCASING	1	1		
E-15Z1-24	2	FLANGED L/S SPINDLE HEAVY DUTY.	1	8		
		IF REQ'D USING E-15Z1-20 or MODIFYING				
		STANDARD CASE TO E-15Z1-22				
E-15Z2-25		MAINSHAFT ASSEMBLY	1	13		
E-15Z1-26	1	NOSE CONE - SIERRA 5 SPEED.	1	13		
E-15Z1-27	3	TOP COVER - MITCHELL COTTS - Q270	1	17		
E-14Z1-39		FLANGED L/S SPINDLE. IF REQ'D WHEN	1	1		
		USING E-15Z1-20 or MODIFYING				
		STANDARD CASE TO E-15Z1-22				
E-2Z1-69		OPERATING BLOCK.	1	1		
E-2Z1-110		MAGNET RETAINER - ALLOY CASE	1	1		
E-2G1-27		FILLER PLUG - ALLOY CASE	1	1		
E-15G1-185		DRAIN BUNG - ALLOY CASE	1	1		
E-2Z1-130		STEEL SLEEVE - FOR NOSE CONE	1	13		
E-2Z1-69		OPERATING BLOCK.	1	1		
E-13Z1-44		L/S NUT THRUST WASHER	1	18		
ITEM No.		BOUGHTOUT ITEMS				
245		K35x40x17 - M/S 1st/2nd & 3rd GEARS	6	1		
246		CIRCLIP L/S - 1400-42	2	1		
681		K24x28x17 - M/S 5th GEAR SPLIT(4 to MAKE)	2	1		
890		CIRCLIP M/S - 1460-27	2	1		
504		CIRCLIP M/S - 1460-24	1	1		
209Z		SCREW. CAP M6x1x20 -TOP COVER	10	1		
935		SCREW. CAP M10x1.5x12 -FOR E-15G1-185	1	1		
442		SCREW. CAP M6x1x15 -MAGNET RETAINER	1	1		
895		WASHER, DOWTY. DRAIN BUNG -M10	1	1		
861		WASHER, DOWTY. FILLER PLUG. -M20	1	1		
1035		BREATHER - TOP COVER	1	1		
1200		DOWEL PIN. - TOP COVER	2	1		