

DRAWING SCHEDULE

ASSY TITLE

ASSY No

01

DRG No.	MATRIX	DESCRIPTION	SIZE	DRG No
89T-01-01	INDY	BEARING HOUSING STEP-UP GEAR	B	OBSDLETE
-02	INDY	STEP UP GEAR CARRIER	C	OBSDLETE 89T-01-30
89T-01-03	INDY PORSCHE	MAINCASE REAR	ROLL	V
89T-01-04	INDY PORSCHE	MAINCASE FRONT	ROLL	F
89T-01-05	INDY	BEARING HOUSING STEP-UP GEAR	B	
89T-01-06	89CE	MAINCASE REAR	ROLL	-
89T-01-07	89CC	MAINCASE FRONT (ALFA)	ROLL	-
89T-01-08	89CE	BEARING CARRIER	D+	
89T-01-09	89JAGUAR	TWR REAR MAINCASE	ROLL	
89T-01-10	INDY	BEARING CARRIER PORSCHE	ROLL	F
89T-01-11	INDY	END COVER PORSCHE	ROLL	
89T-01-12	89C	BRG. CARRIER ADD'N'L M/C	C	
89T-01-13	INDY PORSCHE	BRG. HOUSING LAYSHAFT	B	
89T-01-14	"	MAINCASE FRONT/REAR STUD	STD	712-01-88
89T-01-15	"	" " " DOWEL STUD	STD	712-01-88 Sht 23
89T-01-16	"	RING DOWEL	A	
89T-01-17	"	OIL PUMP STUD LONG	STD	712-01-88 Sht 23
89T-01-18	"	OIL PUMP STUD SHORT	STD	712-01-88 Sht 23
89T-01-19	"	BEARING HOUSING STEP UP GEAR	STD	89T-01-31
89T-01-20	"	RING DOWEL BRG CARRIER/END COVER	A	
89T-01-21	"	END COVER STUD	STD	712-01-88 Sht 23
89T-01-22	"	" " " (Dowel)	STD	712-01-88 Sht 23
89T-01-23	"	" " " (Bottom)	STD	712-01-88 Sht 23
89T-01-24	"	MAINCASE DRAIN PLUG	A	
89T-01-25	"	FINAL GEARSHIFT ROD BEARING	A	

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ASSY TITLE				ASSY No	
				01	
DRG No.	MATRIX	DESCRIPTION	SIZE	ORIG No	
89T-01-26	INDY PORSCHE	GEARBOX ENDCOVER PLUG	A		
-27	"	ADAPTER OIL TEMP. SENSOR	A		
-28	"	ADAPTER OIL PRESS. SENSOR	A		
-29	"	END COVER BOTTOM PLATE SHORT	C		
-30	"	END COVER BOTTOM PLATE LONG	-	89T-01-29	
-31	"	BRG. HSG. STUD	→	STD. SHT 23 712-01-38	
-32	"	BAFFLE, STEP-UP GEAR	C		
-33	"	BAFFLE, G/BOX FRONT	C	OBSOLETE 89T-01-37	
-34	"	CATCH TANK CORE PLUG	A		
35		STEPPED DOWEL NO 7 B/H SG ONLY	A		
36		STEP UP GEAR CARRIAGE (MACHINED)	D	REPLACES 89T-01-02	
37		BAFFLE GEAR/BOX FRONT	B	as PLACES 89T-01-32	
38		BOLT (STAINLESS), (STEP UP GEAR CARRIAGE)	A	} same sheet.	
39		BOLT --- --- --- CNT.	A		
40		CATCH TANK CORE PLUG THREADED	A		
41		" " DRAIN PLUG.			
42		STUD. MAINCASE-ENDCOVER	A		
43		STEP-UP GEAR CARRIAGE MK2 CASTING	D		
44		STEP-UP GEAR CARRIER PLATE	C		
45		PILLAR R.H. STEP-UP CARRIER	B		
46		" L.H. " " "	B		
47		" TOP " " "	B		
48		FWD-RWD MAINCASE DOWEL STUD	A		
49	"	MAIN CASE REAR 90 MOD		ROLL	
50	"	" " FRONT " "		"	
51	"	CONVERSION RING 89T TO 90T	C		

DRAWING SCHEDULE

ASSY TITLE

ASSY No

02

DRG No.

MATRIX

DESCRIPTION

SIZE

DRG No

89T-02-01

BOLT INBOARD C.V. JOINT

-02

DIFFERENTIAL HOUSING

D

-03

DIFFERENTIAL END COVER

B

-04 INDY

DIFF. HOUSING PORSCHE

D

-05 INDY

DIFF. END COVER PORSCHE

C

06

SIDEPLATE L.H.

C

07

BRG SEAL HS'G

C

08

SIDEPLATE R.H.

C

09

SIDEPLATE ^{OBsolete} STUD

STD

89T-02-29

10

SIDEPLATE ^{OBsolete} STUD (DRG STAL 11-7)

STD

89T-02-30

11

SHIM (DIFF BRG) .003

A

12

" " " .005

89T-02-11

13

" " " .007

"

14

" " " .010

"

15

" " " .015

"

16

" " " .020

"

17

" " " .025

"

18

" " " .030

"

19

END LAP SPOOL

C

20

SPOOL SPACER

C

21

SPOOL

D

22

SHIM (SPOOL SPACER) .005

A

23

" " " .007

89T-02-22

24

" " " .010

"

25

" " " .015

"

26

" " " .020

"

DRAWING SCHEDULE

<u>ASSY TITLE</u>				<u>ASSY No</u>	
				02	
DRG No.	MATRIX	DESCRIPTION	SIZE	ORIG No	
89T-02-27		SIDEPLATE (SPCOL) LH	D		
28		" (") RH	D		
29		SIDEPLATE STUD. SHORT		STD SHT.23 712-01-88	
30		SIDEPLATE STUD. LONG		"	
31		BUNG. OUTPUT FLANGE	A		
32		DIFF. HSG. STUD	A		
33		DIFF. LOCK	C		
34		SPACER. DIFF. LOCK	B		
35		C.V. ADAPTOR. SPOOL	C		
36	SPCOL	SIDEPLATE STUD. SHORT. G/BOX 02	STD	712-01-88 SHT.23	
37	SPCOL	SIDEPLATE STUD. LONG. G/BOX 02	STD	"	
38	"	" " . SHORT.	STD	"	
39	"	" " . LONG.	STD	"	
40		RETAINING PLATE - SPOOL ADAPTOR	B		
41	"	" " " TITANIUM	C		
42	"	SIDE GEAR	B		
43	"	PINION BEVEL GEAR	B		
44	"	END CAP TITANIUM. DIFF	B		
45	"	SIDEGEAR RAMP BLANK	C		
46	"	CLUTCH DISC (FLAT)	A		
47	"	SIDEGEAR RAMP L.H.	C		
48	"	SIDEGEAR RAMP R.H.	C		
49	"	SIDEPLATE SVD. LONG	A		
50	"	" " . SHORT	A		
51	ALL	RAMP 90°/60° LH	C		
52	ALL	" " " RH	C		
53	-"-	RAMP 90°/70° L/H	C		
54	-"-	" " " RH	C		
55	89T&90T	SIDEGEAR RAMP 45°/85° L.H.	C		
56	"	" " " " R.H.	C		

DRAWING SCHEDULE

ASSY TITLE

ASSY No
03

DRG. No.	MATRIX	DESCRIPTION	SIZE	DRG. No.
89T-03-01	INDY	9:31 PINION SHAFT	D	OBSOLETE
-02	INDY	9:31 CROWN WHEEL	C	
-03	INDY	MID SHAFT	C	OBSOLETE
-04	INDY	STEP UP GEAR MID SHAFT	C	11
-05	INDY	STEP UP GEAR MID SHAFT	C	11
-06	INDY	STEP UP GEAR PINION SHAFT	C	11
-07	INDY	STEP UP GEAR PINION SHAFT	C	11
-08	INDY	STEP UP GEAR 1ST MOTION	B	11
-09	INDY	STEP UP GEAR 1ST MOTION	B	11
-10	INDY	STEP UP GEAR 2ND MOTION	B	11
-11	INDY	STEP UP GEAR 2ND MOTION	B	11
-12	INDY	DETAIL DATA STEP UP GEAR 1ST & 2ND MOTION	C	11
-13	INDY	1st Motion Step Up Gear Bearing Stop End	A	
-14	INDY	2nd Motion Step Up Gear Yawing Stop Ring	A	
-15	INDY	2nd Motion Step Up Gear Bearing Stop Ring Lock Nut	A	
-16	INDY	PINION SHAFT	D	
-17	INDY	STEP UP GEAR 1st MOTION PORSCHE 26 TEETH	B	
-18	INDY	" 1st " 27 TEETH	B	
-19	INDY	" 2nd MOTION PORSCHE 28 TEETH	B	
-20	INDY	" 2nd " 29 TEETH	B	
-21	INDY	LAY SHAFT	C	
-22	INDY	LAY SHAFT NUT	A	
-23	INDY	LAY SHAFT COMBINATION PORSCHE 14:47 15:40	C	
-24	INDY	9:31 CROWN WHEEL AND PINION	D	SEE 89T-03-02/16
-25	INDY	STEP UP GEAR RATIO SET 26:29	-	SEE 89T-03-18/19
-26	INDY	STEP UP GEAR RATIO SET 27:28	-	SEE 89T-03-20/7

DRAWING SCHEDULE

<u>ASSY TITLE</u>			<u>ASSY No</u>	
			06	
DRG No.	MATRIX	DESCRIPTION	SIZE	ORIG No
89T-06-01	INDY	OIL PICK UP	B	OBSOLETE
02	INDY	OIL PICKUP End COVER	A	
03	INDY PORSCHE	OIL PUMP Body	B	
04	INDY PORSCHE	OIL PUMP PICKUP (SPEEDWAY)	C	
05	INDY PORSCHE	CROWN WHEEL SPRAY TUBE	B	
06	INDY PORSCHE	PINION SPRAY TUBE	B	
89T-06-07	DI	OIL PUMP OUTLET PIPE	B	
08	"	SPRAY TUBE RATION	B	
89T-06-09	"	GEARBOX OIL FILTER INLET CAP	A	
10	"	SPRAY TUBE 5th.	B	
11	"	GEARBOX OIL COOLER MOCAL	C	
12	"	O-RING FITTING OIL COOLER	A	
13	"	OIL PUMP PICKUP (R-RACE)	C	
14	"	TAIL BEARINGS OIL FEED	A	
15	"	GEARBOX OIL COOLER HOUSING	D	
16	"	OIL COOLER MOUNTING BRACKET	C	
17	"	" (CARBON FIBRE)		T.B.D.
18	"	OIL PICK-UP END COVER (R-RACE)	A	
19	"	OIL PUMP REAR COVER	A	
20	"	PICK-UP BAFFLE R-RACE	B	
21	"	PICK-UP BAFFLE SPEEDWAY	B	
22	"	FLAP VALVE	A	
- 23	"	OIL COOLER STD	A	
24	ALFA INDY	GEARBOX SUMP PLATE	B	
25		O RING FITTING BYPASS	A	
26		" " " " "	A	
27		TUBE BYPASS	A	
28		BYPASS TUBE ASSY.	B	
29		GEARBOX OIL COOLER HOUSING 80%	D	
30		MOUNTING BKT. BY-PASS END HOOD	B	
31		FINAL G/BOX OIL COOLER H'S'G-CARBON	D	

DRAWING SCHEDULE

ASSY TITLE

ASSY No

07

DRG No.	MATRIX	DESCRIPTION	SIZE	ORIG No
897-07-01	ALTA INBY	CLUTCH NOSE PIECE	B	
01	"	CLUTCH RELEASE PISTON	B	
897-07-02	PORSCHE INBY	ANTI ROTATION PIN ^{CARBON} CLUTCH	A	
-04	"	SEAL RETAINER - CLUTCH PISTON	A	PROTOTYPE ONLY
-05	"	CLUTCH NOSE PIECE	B	
-06	"	CLUTCH RELEASE PISTON	C	6-38-4
-07	"	ANTI ROTATION PIN BUSH	A	
-08	"	SEAL RETAINER	A	
-09	"	CLUTCH NOSE PIECE, TITANUM	B	
10	"	" PISTON SUPPORT BRG	A	
11	"	CLUTCH PISTON. ^{TILTON BRG} & O-RINGS	C	CASTING NO. 6-35-3
12	"	ANTI-ROTATION PIN BUSH	A	
13	"	CLUTCH NOSE PIECE	C	
14	"	RELEASE BRG. CARRIER	B	
15	"	CARRIER BUSH LARGE	A	
16	"	CLUTCH SLAVE CYL END	A	
17	"	CLUTCH PIVOT BRACKET	C	
18	"	CARRIER BOLT	A	
19	"	CLUTCH SLAVE CYL MTG	B	
20	"	RELEASE SLIDER	A	
21	"	CLUTCH RELEASE LEVER	C	
22	"	LEVER CYL CONNECTING PIN	A	
23	"	LEVER SLIDEWAY	A	
24	"	STEP WASHER - CYL ROD END	A	
25	"	PIVOT INSERT	A	
26		MDD. TO CLIFFORD CYL. PISTON	A	
27		CLUTCH SLAVE CYL. ASSY	C	
28		" " " " BODY	C	
29		END CAP CLUTCH SLAVE CYL.	A	
30		" " " " " "	A	

