





A33.0106

A33.0110

A33.5128

N2.5606 ①

N2.1108

① N2.2178

A33.3170 ①

N3.2343 N3.2314

N1.1136

N4.1116

① A33.3169

① N2.2178

N3.1707 ①

N1.1113

N1.6207

N1.1113

N1.1136

N1.6207

① A33.3110

① N2.5154

A33.5206

N4.5116

A33.5205

N2.1606

A33.5223

N1.3503

A33.3171

A33.3172 ①

A33.3175

A33.3174

N2.1607

A33.3173

N2.5213

A33.0108

N3.4311

N2.1608

② A33.5209

N3.4307

N4.5119 ②

A33.5211 ②

N3.2341

A33.5203

A33.5204 ①

A33.5201

N3.4507 ⑥

A33.5210 ②

A33.5212

⑤ N3.2405

N6.6261

A38.3210

⑤ N3.2405

N3.2610

A33.5225

N7.1205

N1.6220

A33.5216

A33.0107

N2.2172

N3.3116

A33.5220 ①

A33.5221

N1.1106

A33.0109

- ① ESSO Beacon 2
- ② Molykote BR 2 plus
- ③ Loctite 222
- ④ 90 Nm
- ⑤ Loctite 603
- ⑥ Orientation

8 SPARE PARTS LIST 13.2946.01

13.2946.01	A338/19.0/0.70/UNI/TW		A338.0002.01		04/06/98
Item-No.		Pcs.	Description	Dimension	Field
[A33.0103]		1	SEALING HOUSING		B3
[A33.0104]		1	DIE AND CUTTER SUPPORT		C2
[A33.0105]		1	BEARING PICK-UP ATTACHMENT		C1
[A33.0106]		1	SEALING HANDLE		A5
[A33.0107]		1	ROCKER		E7
[A33.0108]		1	GEAR		C7
[A33.0109]		1	END COVER		E5
[A33.0110]		1	TORQUE LEVER		A7
A33.3110		2	TENSIONING PAWL		B5
A33.3169	->[A33.0110]	1	HINGE		B6
A33.3170	->[A33.0110]	1	COUPLER		A7
A33.3171	->[A33.0110]	1	TUBE		B7
A33.3172	->[A33.0110]	1	BOLT		B7
A33.3173	->[A33.0110]	1	ADJUSTING SCREW		C7
A33.3174	->[A33.0110]	1	SEALING SCREW		B7
A33.3175	->[A33.0110]	1	BALL		B7
[A33.5101]	->[A33.0103]	1	SEALING HOUSING		C3
A33.5105		1	BASE PLATE		E3
A33.5109	->[A33.0104]	1	DIE AND CUTTER SUPPORT		C2
A33.5110	*	1	CUTTER	0,7 MM	D2
A33.5117		1	ROLLER		C2
A33.5118		1	PARALLEL PIN		D1
A33.5119		2	GUIDE		C3
A33.5120		1	ECCENTRIC SHAFT		B2
A33.5121		1	EYE		C2
A33.5122	->[A33.0105]	1	BEARING PICK-UP ATTACHMENT		C1
A33.5123		1	GUIDE GIB		C2
A33.5124		1	GUIDE GIB		C2
A33.5125		1	SIDE PLATE		E2
A33.5126		1	EJECTOR		E3
A33.5127		1	EJECTOR SCREW		E3
A33.5128	->[A33.0106]	1	SEALING HANDLE		A5
A33.5129		1	EJECTOR		B2
A33.5133		1	STRAP STOP		B2
[A33.5201]	->[A33.0107]	1	ROCKER		D6
A33.5203	->[A33.0107]	1	SPACER PIECE		D6
A33.5204		1	SEALING WASHER		D7
A33.5205	->[A33.0108]	1	GEAR BODY		B5
[A33.5206]	->[A33.0108]	1	WHEEL SHAFT		B5
A33.5209	->[A33.0108]	1	SPUR WHEEL		C5
A33.5210	->[A33.0108]	1	INTERMEDIATE WHEEL		D5
A33.5211	->[A33.0108]	1	TENSION SHAFT		D5
A33.5212	->[A33.0108]	1	BODY BASE		D5
A33.5216	*	1	TENSIONING WHEEL		E6
A33.5220		1	STRAP GUIDE		E5
A33.5221	->[A33.0109]	1	END COVER		E5
A33.5223	->[A33.0110]	1	DRIVER		B6
A33.5225		2	SUPPORTING DISK		E5+
A38.3123	*	1	DIE HALF		D2
A38.3124	*	1	DIE HALF		D2
A38.3129	*	1	GRIPPER		D4

* = Wearing parts

[] = Group

->[] = in group

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Item-No.		Pcs.	Description	Dimension		Field
A38.3130		1	HOLDER			D4
A38.3134	*	1	PUNCH			D3
A38.3210		1	PIVOT PIN			D5
A38.3239		1	STRAP STOP			C3
N1.1106		1	SCREW	M6 X 20		E4
N1.1113		2	SCREW	M5 X 20		B4+
N1.1136		2	SCREW	M5 X 45		B5
N1.1304		2	SCREW	M3 X 8		E2
N1.1563		1	HEXAGON SCREW	M10 X 1 X 38		C4
N1.1564		2	HEXAGON SCREW	M10 X 1 X 83		A3
N1.1806		4	SCREW	M4 X 10		D2
N1.1807		6	SCREW	M5 X 12		A2+
N1.1912		6	SCREW	M5 X 16		E1
N1.3503	->[A33.0110]	1	SOCKET SET SCREW	M5 X 12		B6
N1.3513		1	SOCKET SET SCREW	M10 X 40		B3
N1.6203		2	SPRING LOCK WASHER	M3		E2
N1.6207		4	SPRING LOCK WASHER	M5		B4+
N1.6220		1	SPRING LOCK WASHER	M6		E4
N1.6503		6	SAFETY WASHER	M5		E1
N11.1112		1	SCREW	M10 X 1 X 48		E3
N2.1108		1	SECURITY RING	E20		A6
N2.1606	->[A33.0110]	1	SPRING RING	6 MM		B6
N2.1607	->[A33.0110]	1	SPRING RING	20 MM		C7
N2.1608	->[A33.0108]	1	SPRING RING	17 MM		C5
N2.2109		2	PARALLEL PIN	8 M6 X 30		D3
N2.2110	->[A33.0104]	2	PARALLEL PIN	4 M6 X 10		D2
N2.2125	->[A33.0108]	2	PARALLEL PIN	4 M6 X 20		B4
N2.2147		1	PARALLEL PIN	3 M6 X 10		E2
N2.2172	->[A33.0109]	2	PARALLEL PIN	5M6 X 30		E4
N2.2178	->[A33.0110]	2	PARALLEL PIN	3 M6 X 9.2		A6+
N2.4902		2	HAMMER HEAD BOLT	1,85 X 4,76		E1
N2.4906	->[A33.0106]	1	HAMMER HEAD BOLT	5,31 X 12,7		A4
N2.5154		2	PRESSURE SPRING	0.45 X 3.9 X 7		B5
N2.5213	->[A33.0110]	1	PRESSURE SPRING	3,3X15,3X115/25,5		C7
N2.5215		1	PRESSURE SPRING	2,25X11,75X125		C4
N2.5606		1	CUP SPRING	40X20.4X1		A6
N3.1702	->[A33.0110]	2	BALL	4 MM		B6
N3.1707	->[A33.0110]	1	BALL	6 MM		A7
N3.2314	->[A33.0108]	1	NEEDLE CASE			B4
N3.2341	->[A33.0103]	1	NEEDLE BUSH			C4
N3.2341	->[A33.0107]	1	NEEDLE BUSH			D6
N3.2343	->[A33.0108]	1	NEEDLE BUSH			B4
N3.2405	->[A33.0107]	1	INNER RACEWAY			D5
N3.2405	->[A33.0109]	1	INNER RACEWAY			E5
N3.2610	->[A33.0107]	1	PACKING RING			E6
N3.3116	->[A33.0109]	1	SLIDE-BEARING			E5
N3.3159	->[A33.0103]	2	SLIDE-BEARING			A3
N3.3160	->[A33.0104]	2	SLIDE-BEARING			D1+
N3.3160	->[A33.0105]	1	SLIDE-BEARING			C1
N3.4307	->[A33.0108]	3	THRUST RACE			D4
N3.4311	->[A33.0108]	1	THRUST RACE	17 X 30 X1		C5
N3.4507	->[A33.0107]	1	NEEDLE FREE WHEELING			D7
N4.1116	->[A33.0106]	1	GRIP BALL			B5

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Item-No.		Pcs.	Description	Dimension	Field
N4.5116	->[A33.5206]	1	PROTECTION PLUG		B5
N4.5119	->[A33.0108]	1	PROTECTION PLUG		D6
N4.9145		1	LABEL	<<A338>>	E1
N41.9128		1	ADHESIVE LABEL		E2
N6.6261	->[A33.0108]	1	O-RING		D4
N7.1205	->[A33.0109]	2	SEALING DISK		E4