



T.14.86

Technical Information

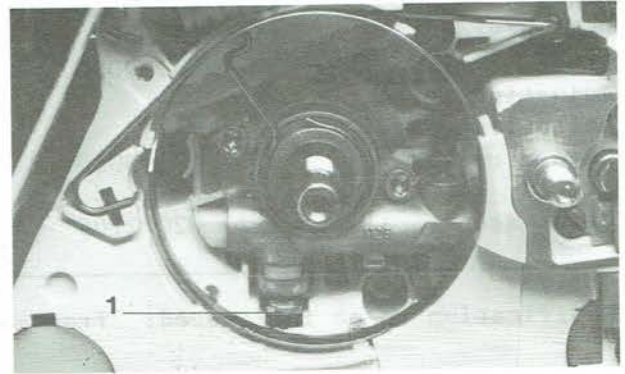
Engineering Changes on Model 034 Chain Saws (Series 1125)

- 1. Adjustable oil pump
- 2. Annular buffer
- 3. Shroud mounting
- 4. Inner side plate
- 5. Chain sprocket cover
- 6. Tensioner slide

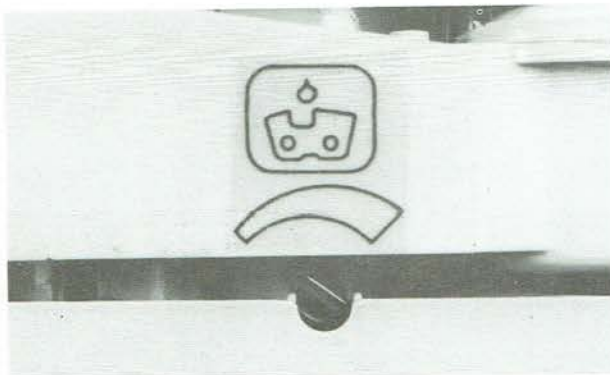
1. Adjustable oil pump:

The adjustable Oil Pump, 1125 640 3206, will be installed in place of the non-adjustable Pump, 1125 640 3200, in all versions of the 034, from machine number X 15 423 626.

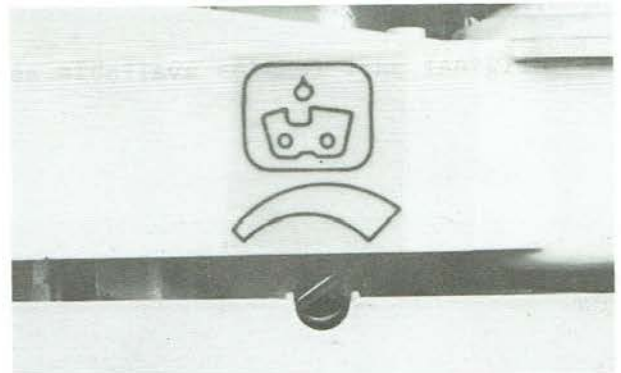
An adjusting screw on the underside of the machine enables the oil feed rate to be set between 7 and 17 cc/min. (0.24 and 0.60 fl. oz/min.) at 10,000 R.P.M. The oil feed rate is set midway between these two settings at the factory. An opening has been provided for the adjusting screw in the new Crankcase, 1125 020 2106, which supersedes Crankcase, 1125 020 2105.



Oil pump with adjusting screw (1)



Adjusting screw set for minimum oil feed



Adjusting screw set for maximum oil feed

The Tank Housing, 1125 350 0800, now has a symbol for max. and min. oil feed next to the adjusting screw (underside of the machine).

Spare parts availability:

The original oil pump is no longer available. A modified version of the 1125 640 3206 adjustable pump, without any adjustment, will be available under the original pump part numbers. This new modified version will interchange with the original 1125 640 3200 pump. Only the new Crankcase, 1125 020 2106, and the latest version of Tank Housing, 1125 350 0800, will be supplied as replacements in the future.

Service note:

The adjustable Oil Pump, 1125 640 3206, can be installed on saws prior to machine number X 15 423 626 if the new Crankcase, 1125 020 2106, is fitted.

Summary:

Part Name	Original version	New version	Key Rem.	WG	MAM H	MAM V
Oil pump including:	1125 640 3200	1125 640 3206	1)	04	1	1
Pump housing	1125 640 3000	1125 640 3006	1)	04	1	5
Clamp	1125 647 3300	1122 647 3300	1)	01	1	25
Pump piston	1125 647 0600	1125 647 0605	1)	01	1	10
Plug	1121 647 7000	1121 647 7000		04	1	10
Adjusting screw	---	1125 647 7600		01	1	1
Helical spring	---	0000 997 0721		01	1	10
Needle roller	9517 003 5010	---	1)	00	10	100
Crankcase	1125 020 2105	1125 020 2106		04	1	1

Modification to be introduced: from machine No. X 15 423 626.

Remarks:

- 1) Original part remains available as a spare part.

2. Annular buffer:

The new Annular Buffer, 1125 790 9906, will be installed in place of the original front right Buffer, 1125 790 9904, from machine number X 14 983 290 in order to optimize the AV system.

Both versions have the same shape, but the composition of the rubber is different.



Left: Annular Buffer, 1125 790 9904
Right: Annular Buffer, 1125 790 9906

Summary:

Part Name	Original version	New version	Key	Rem.	WG	MAM H	MAM V
Annular buffer	1125 790 9904	1125 790 9906		1)	1	1	10

Modification to be introduced: from machine No. X 14 983 290

Remarks:

- 1) Annular buffer mounting: See T.30.85

3. Shroud mounting:

As on the model 024, the slotted nut and insulator have been modified to improve the shroud mounting. The new and original parts are not interchangeable as separate items. For this reason, they will not be supplied separately as spares, i.e. they are available only as a set in the Slotted Nut Kit, 1125 007 1007.

Summary:

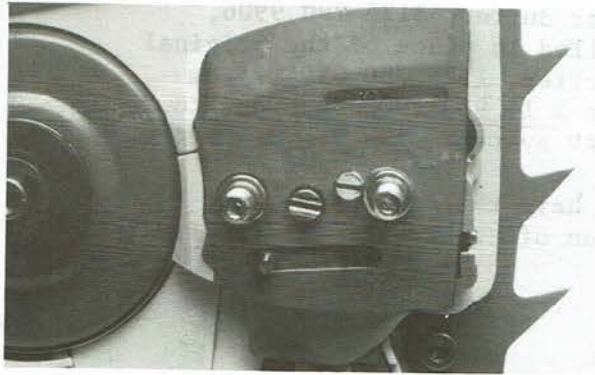
Part Name	Original version	New version	Key	Rem.	WG	MAM H	MAM V
Slotted nut kit including:	---	1125 007 1007				1	1
Slotted nut	1121 084 7000	-*-		1)		1	25
Insulator	1121 084 6900	-*-		1)		1	10

Remarks:

- 1) New part is not available as a separate item.

4. Inner side plate:

The Friction Pads, 1121 648 6610, (crankcase), will be replaced by the Inner Side Plate, 1122 664 1000, from machine number X 15 319 058 . The side plate is secured to the bar mounting flange by means of an M 4 x 8 pan head screw.



In this connection, the original Crankcase, 1125 020 2105, will be replaced by the new Crankcase, 1125 020 2106, which has an M 4 tapped hole in the bar mounting flange and has been adapted to suit the side plate.

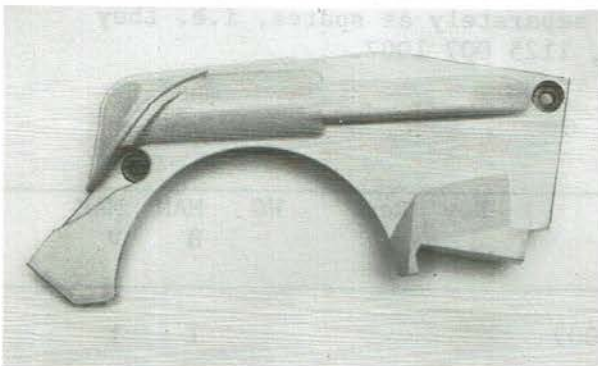
The Cover, 1125 021 1100, has been provided with a recess to accommodate the side plate and must be fitted if the side plate is used. It may also be used in conjunction with friction pads.

Service note:

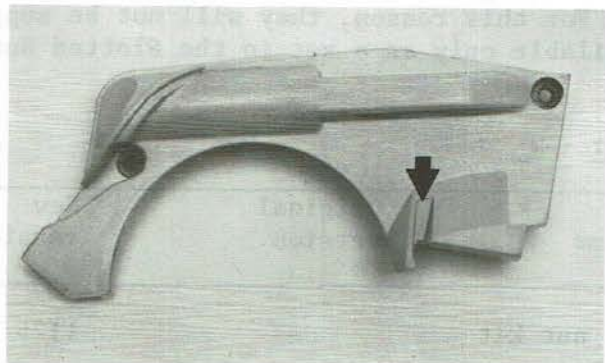
The modified Cover, 1125 021 1100, and Inner Side Plate, 1122 664 1000, must be installed in conjunction with the new Crankcase, 1125 020 2106.

Spare parts availability:

Only the latest versions of parts will be supplied by the factory. The Friction Pads, 1121 648 6610, remain available as spare parts.



Cover, 1125 021 1100,
without recess



Cover, 1125 021 1100, with recess

Summary:

Part Name	Original version	New version	Key	Rem.	WG	MAM H	MAM V
Crankcase, complete	1125 020 2105	1125 020 2106		1)	04	1	1
Friction pad (2x)	1121 648 6610	---		2)	04	1	25
Cover	1125 021 1100	1125 021 1100		1)	04	1	10
Inner side plate	---	1122 664 1000			04	1	10
Pan head screw (M4x8)	---	9041 216 0630			01	10	100

Modification to be introduced: from machine No. X 15 319 058.

Remarks:

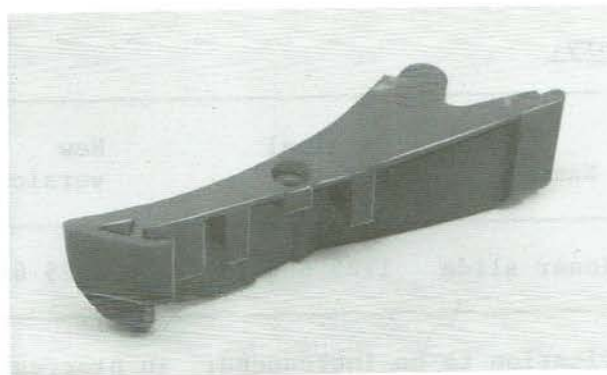
- 1) Only new type parts will be supplied from the factory in the future.
- 2) Part remains available as a spare part.

5. Chain sprocket cover:

For reasons of standardization, the original Chain Sprocket Cover, 1125 648 0401, will be replaced by the new version, 1125 648 0402, from machine No. X 15 057 653. A new Guard, 1125 656 1500, will be fitted at the same time. It replaces Guard, 1121 656 1500. A new self-tapping screw (B 2.9 x 9.5) is used to secure the guard in the chain sprocket cover.



Guard, 1121 656 1500



Guard, 1125 656 1500

Service note:

The new Guard, 1125 656 1500, must be fitted if an original Chain Sprocket Cover, 1125 648 0401, has to be replaced by a new one (1125 648 0402).

Summary:

Part Name	Original version	New version	Key Rem.	WG	MAM H	MAM V
Chain sprocket cover	1125 648 0401	1125 648 0402	1)	04	1	1
Guard	1121 656 1500	1125 656 1500	2)	04	1	25
Self-tapping screw (BM 3 x 8)	9039 488 0340	---		01	10	100
Self-tapping screw (B 2.9 x 9.5)	---	9099 021 1760		01	1	50

Modification to be introduced: from machine No. X 15 057 653 .

Remarks:

- 1) Only new-type parts will be supplied from the factory in the future.
- 2) Original part remains available as a spare part.

6. Tensioner slide:

Owing to a change in the production process, a new Tensioner Slide, 1125 664 1900, (chain tensioner) will be installed in the foreseeable future instead of the previous version, 1125 664 1900.

Summary:

Part Name	Original version	New version	Key Rem.	WG	MAM H	MAM V
Tensioner slide	1125 664 1900	1125 640 1900	1)	04	1	10

Modification to be introduced: in progress

Remarks:

- 1) The original part remains available as a spare part only as long as factory stocks last.

U/TSM:tc
(6246)

Technical Information**STIHL®**T.34.84
(T.26.84)

Subject: Spare Parts Suggestion For The New STIHL 034 Chain Saws (Series 1125)

The following is a Spare Parts Suggestion done by Stihl Germany. Spare Parts Suggestions by Stihl will be presented to you in this way from now on.

Description and Explanation:

1. This list covers the parts in the 034 AVEQZ execution.
2. The part numbers of the individual spare parts are listed in column #1.
3. Column #2 shows, in the first line, the part names of the different spare parts. The second and the following lines indicate whether or not the part is a new one or a back-fit part. A back-fit part is already used in another Stihl product. If it is a back-fit part, the model number in which the respective part is already being used is printed below the part name. If no model number is shown, then the part is a new part which has to be purchased for the first time for the referenced model in this parts suggestion (item #1 above).
4. In column #3 you will find the recommended "A", "B" and "C" quantities and the factory prepacked minimum quantities (MAM). These quantities do not necessarily pertain to dealers.

The Recommended Spare Parts Quantities Are Divided As Follows:

- "A" = Spare Parts Needs For Approx. Five (5) Units Sold.
- "B" = Spare Parts Needs For Approx. Twenty (20) Units Sold.
- "C" = Spare Parts Needs For Approx. One Hundred (100) Units Sold.

To help assure a properly functioning customer service department, the spare parts quantities as listed under "A" should be available as minimum quantities in each service shop. If more than 20 or 100 units are sold, then recommendations "B" and "C" parts stock have to be considered accordingly.

U/TSM:tc

(10194)

Part Number	Part Name	Quantity			MAM
		.A	.B	.C	
0000 642 1231	Rim Sprocket (3/8"-7 tooth) 1118	2	5	20	10
0000 642 1234	Rim Sprocket (.325-8 tooth)	2	5	20	10
0000 792 9111	Chain Protection 1108 1110 1112 1113 1115 1117 1119 1121 1202 1203 1207				25
0000 953 0800	Stud 1114 1117 1121 4109		5	10	50
0000 953 0818	Stud 1121		10	20	50
0000 953 6605	Shoulder Stud 1117 1118 1119 1121		5	10	10
0000 955 0801	Nut 1110 1113 1117 1118 1119 1120 1121 1207	5	10	30	10
0000 958 0506	Washer 1118 1120 1121 1206		5	10	10
0000 958 0806	Washer 1113 1118 1120 1121	2	5	10	50
0000 958 1009	Washer 1118 1121	2	5	10	10
0000 967 2020	Trade Mark 1110 1111 1112 1113 1114 1115 1117 1118 1119 1121 4109 4110 4201 4205 4207 4211		3	10	10
0000 974 1000	Button Head Rivet (3x6) 1106 1108 1109 1110 1111 1113 1114 1115 1116 1117 1118 1119 1120 1121 1204 1206 1207 4108 4109 4110 4111 4201 4205 4206 4207 4209 4211 4213	5	10	20	50
0000 974 1200	Straight Grooved Pin 1121		10	20	100
0000 988 5211	Connector 1117 1118 1119 1121		2	5	25
0000 988 7800	Locking Cover 1110 1112 1114 1121		2	5	25

Part Number	Part Name	Quantity			MAM
		.A	.B	.C	
0000 989 0808	Grommet 1111 1117 1118 1119 4202 4205	5	25		25
0000 992 6302	Sealing Gasket 1106 1108 1109 1111 1117 1118 1119 1121	5	10		25
0000 992 6305	Gasket 1110 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 1202 1203 1204 4111	5	10		25
0000 993 0510	Ring (12x15x18.5) 1108 4201	1	5	10	10
0000 997 0628	Spring 1121 1206 1207	5	10		25
0000 997 0907	Tension Spring 1119	6	15	30	15
0000 997 1315	Helical Spring 1121	5	10		10
0000 998 0603	Hook On Spring 1106 1108 1109 1110 1111 1112 1114 1116 1117 1118 1119 1121 4109 4110 4111 4201 4202 4205 4207	2	5	10	100
1106 405 1000	Ignition Circuit Plug 1110 1111 1112 1114 1116 1117 1118 1119 1121 4109 4110 4111 4112 4114 4117 4118 4121 4201 4202 4205 4207 4210 4211	2	5		50
1106 405 8500	Connecting Nut 1106 1108 1109 1110 1111 1112 1113 1114 1115 1117 1118 1119 1120 1121 4109 4110 4201 4202 4205 4207	5	10		25
1110 034 1500	Piston Pin 1110 1112 1113 1118 4110	2	5		5
1110 084 9102	Bushing 1106 1108 1109 1110 1111 1112 1113 1114 1115 1117 1118 1119 1120 1121 4109 4110 4201 4205 4207	5	10		100

Part Number	Part Name	Quantity			MAM
		.A	.B	.C	
1110 122 3030	Spring 1110 1111 1112 1113 1114 1115 1116 1118 1119 1120 1121 4109 4110 4111 4205 4207	2	5		5
1110 358 1800	Filter 1106 1108 1109 1110 1111 1112 1113 1114 1115 1117 1118 1119 1121 4109 4110 4201 4205 4207 4211	5	10		100
1110 400 7005	Spark Plug 1106 1109 1110 1111 1112 1113 1114 1115 1117 1118 1119 1120 1121 4109 4110 4201 4205 4207	2	5	10	200
1110 664 0501	Spiked Bumper 1112 1113 1118 1119 1121 1203 1207	1	3		10
1113 195 8200	Starter Rope 1113 1114 1116 1118 1120 1121 4109 4111 4207	2	10	20	200
1115 149 0600	Exhaust Gasket 1115 1117 1119	2	5	10	50
1115 350 3503	Pickup Body Assembly 1106 1108 1109 1110 1111 1113 1114 1115 1117 1118 1119 1121 4109 4110 4201 4205 4207 4211	1	5	10	25
1115 358 2500	Cap 1106 1108 1109 1110 1111 1113 1114 1115 1117 1118 1119 1121 4109 4110 4201 4205 4207 4211	1	5	10	25
1115 358 8200	Weight 1106 1108 1109 1110 1111 1113 1114 1115 1117 1118 1119 1121 4109 4110 4201 4205 4207 4211	2	5		1
1117 182 0805	Lever 1117 1118 1119 1121	5	10		5
1117 182 4500	Hook On Spring 1113 1117 1118 1119 1121	3	10		5

Part Number	Part Name	Quantity			MAM
		.A	.B	.C	
1117 350 0500	Fuel Filler Cap Assembly 1111 1117 1118 1119 1121	1	3	5	25
1117 350 0901	Oil Cap Holder 1110 1113 1114 1115 1117 1118 1119 1120 1121 1202 1203 1204 4109 4207		3	5	25
1117 350 0905	Filler Cap Retainer 1106 1108 1109 1110 1111 1115 1117 1118 1119 1121 1206 1207 4110 4201 4205		3	5	25
1117 640 3600	Oil Filler Cap 1113 1117 1118 1119 1120 1121	1	3	5	25
1117 640 3800	Pick Up Body 1117 1121		2	5	25
1117 647 6800	Screen 1117 1121		3	10	10
1118 034 3001	Compression Ring 1118		4	10	10
1118 182 1005	Throttle Lever 1118 1119 1121		2	5	10
1118 190 0600	Rewind Spring 1113 1118 1121	1	5	10	10
1118 195 3500	Spring 1113 1118 1120 1121	5	10	20	10
1118 640 9100	Valve 1111 1115 1117 1118 1119 1121 4205		2	5	5
1118 967 3501	Instruction Plate 1118 1119 1121				1
1119 029 2301	Cylinder Gasket 1119		5	10	10
1119 084 8300	Reflector Foil 1119		5	10	10
1119 121 0800	Cover Plate 1119			5	10
1119 121 3300	Throttle Shutter 1119		2	5	10

Part Number	Part Name	Quantity			MAM
		.A	.B	.C	
1119 121 4700	Metering Diaphragm 1119	2	5		10
1119 121 4800	Fuel Pump Diaphragm 1119	2	5		10
1119 121 5401	Valve Nozzle 1119	1	3		10
1119 121 7400	Module Plate 1119	3	10		10
1119 121 7800	Screen 1119	3	10		10
1119 121 8600	Washer 1119	5	10		25
1119 122 3000	Spring 1119	2	5		10
1119 122 6200	Idle Speed Adjustment Screw 1119	1	5	10	10
1119 122 6600	Adjusting Screw 1119	2	5	10	
1119 122 7100	Screw 1119	15	30		15
1119 122 7105	Screw 1119	5	10		10
1119 129 0500	Gasket 1119	2	5		10
1119 129 0505	Gasket 1119	2	5		10
1119 129 0510	Gasket 1119	2	5		10
1119 141 1800	Sleeve 1119	5	10		25
1119 141 8600	Impulse Hose 1114 1119 4109 4207	3	10		10
1119 358 7700	Hose 1119	5	10		10
1119 656 7705	Chain Catcher 1118 1119 1121	3	10		10

Part Number	Part Name	Quantity			MAM
		.A	.B	.C	
1119 890 3405	Multi Purpose Wrench 1110 1112 1113 1117 1118 1119 1120 1121 1207				10
1120 358 8105	Insert 1108 1110 1111 1113 1114 1115 1117 1118 1119 1120 1121 4109 4110 4201 4205 4207	2	5		10
1121 084 6900	Insulator 1121	3	5		10
1121 084 7000	Slotted Nut 1121	2	5		1
1121 084 7100	Cap 1121	3	10		10
1121 141 2100	Catch 1121	2	5		10
1121 141 2300	Buckle 1121	2	5		10
1121 141 8300	Slotted Nut 1121	2	5	10	25
1121 160 5000	Lever 1120 1121		3		5
1121 162 5010	Lever 1121 1206 1207	2	5		10
1121 162 7900	Tension Spring 1121	2	5		10
1121 182 0900	Control Shaft Assy. 1121	2	5		10
1121 195 3400	Handle 1106 1108 1109 1110 1111 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 4109 4110 4111 4201 4205 4207	2	5		10
1121 350 5800	Tank Ventilation 1121	2	5		10
1121 442 1600	Contact Spring 1121	2	5		10
1121 647 7000	Plug 1121	5	10		10

Part Number	Part Name	Quantity			MAM
		.A	.B	.C	
1121 647 9400	Hose 1121	5	10		10
1121 647 9401	Hose 1121	5	10		5
1121 648 6610	Friction Pad 1121 1206 1207	2	5	10	25
1121 656 1500	Guard 1118 1119 1121	2	5		25
1121 791 0600	Handle Grip 1121	1	3		10
1121 791 7200	Sleeve 1121	5	10		10
1121 791 7205	Sleeve 1121	5	10		10
1121 890 1400	Set Of Tools 1117 1121				1
1125 007 1000	Rim Sprocket Kit (.325)	3	10		1
1125 007 1002	Rim Sprocket Kit (3/8")	3	10		1
1125 020 1200	Cylinder w/Piston	1	3		1
1125 020 2105	Crankcase Assembly		2		1
1125 021 1100	Cover	1	3		10
1125 021 1200	Cover Plate	1	3		1
1125 029 0500	Gasket	5	10		25
1125 030 0400	Crankshaft Assembly	1	3		1
1125 030 2000	Piston	2	5		1
1125 080 1600	Shroud Assembly	1	3		1
1125 080 1800	Fan Housing	1	3		1
1125 120 0600	Carburetor (HK 43 A)	1	3		1
1125 120 1500	Prefilter Assembly	2	5		10
1125 120 1610	Air Filter Assembly	2	5		10
1125 120 1625	Air Filter	2	5		10
1125 120 7100	Throttle Shaft w/Lever		5		10

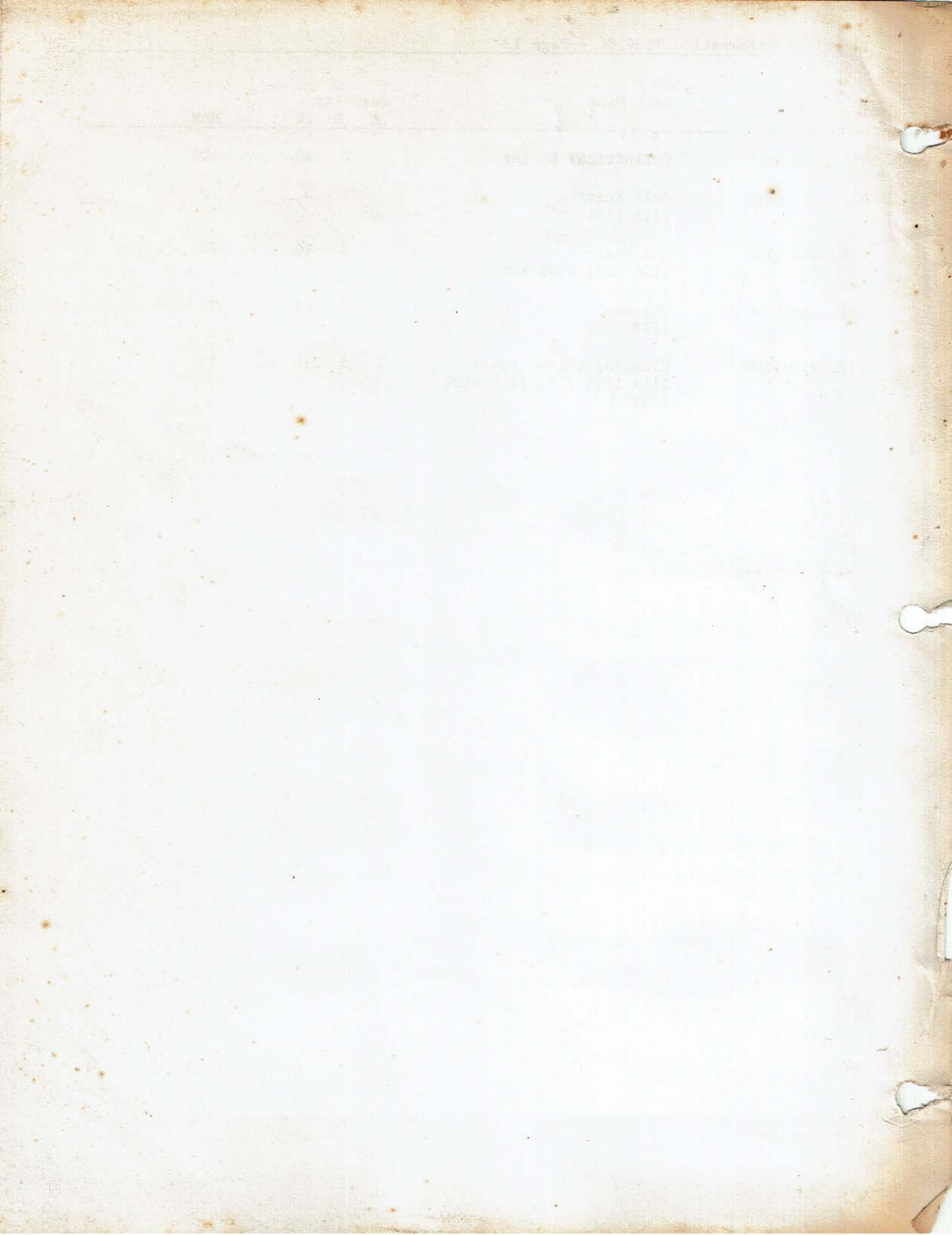
Part Number	Part Name	Quantity			MAM
		.A	.B	.C	
1125 120 7200	Choke Shaft w/Lever			5	5
1125 121 0800	Cover Plate	1	3		10
1125 121 2900	Choke Shutter	2	5		10
1125 121 7700	Guide Piece	3	10		10
1125 122 3200	Hook On Spring	10	20		100
1125 122 3201	Hook On Spring	10	20		100
1125 122 6600	Shoulder Stud 1119	5	10		10
1125 122 7400	Button-Headed Screw 1119	10	20		10
1125 122 9000	Retaining Ring	10	20		25
1125 123 7500	Grommet	5	10		10
1125 123 7505	Grommet	5	10		10
1125 129 0500	Gasket	1	5	10	10
1125 140 0600	Muffler Assembly	1	3		1
1125 140 0601	Muffler	1	3		1
1125 140 1900	Carburetor Box Cover		2		1
1125 141 2100	Catch	5	10		10
1125 141 2200	Elbow	5	10		5
1125 160 2000	Clutch	1	3		5
1125 160 5400	Brake Strap	2	10		10
1125 162 0805	Clutch Shoe	3	15		15
1125 162 3000	Support	2	5		5
1125 162 3205	Clutch Rotor	2	5		5
1125 162 8000	Hose	2	5		10
1125 182 0800	Lever	3	10		10
1125 182 1500	Throttle Rod	3	10		10
1125 195 0400	Rope Pulley	1	3		5
1125 195 7200	Pawl	1	5	10	10

Part Number	Part Name	Quantity			MAM
		.A	.B	.C	
1125 350 0800	Tank Housing			3	1
1125 400 1200	Flywheel		1	3	1
1125 400 1300	Ignition Module		1	3	1
1125 440 2200	Ground Wire		3	10	5
1125 442 0400	Insulating Hose		3	10	1
1125 640 3000	Pump Housing		1	5	5
1125 640 3200	Oil Pump		1	3	1
1125 640 7100	Worm Gear		1	3	5
1125 647 0600	Pump Piston		2	5	10
1125 647 2400	Spring	1	3	10	10
1125 647 3300	Clamping Piece		5	10	1
1125 647 7800	Washer		5	10	25
1125 648 0401	Chain Sprocket Cover		1	3	1
1125 664 1400	Thrust Piece		5	10	1
1125 664 1600	Adjusting Screw	2	5	10	10
1125 664 1900	Tensioner Slide	2	5	10	1
1125 664 2200	Cover Plate	2	5	10	10
1125 664 3200	Spur Wheel	2	5	10	5
1125 790 1705	Handle			3	1
1125 790 9901	Annual Buffer	1	5	10	10
1125 790 9902	Annual Buffer	1	5	10	10
1125 791 2810	Annual Buffer	1	5	10	10
1125 791 6200	Collar Screw		5	20	10
1125 791 7300	Plug		5	10	10
1125 791 7306	Plug		2	5	10
1125 792 9100	Guard		1	5	10
1125 967 1500	Name Plate		2	5	10
9022 313 0660	Screw (4x12) 1117 1118 1119 1121	10	20	40	100

Part Number	Part Name	Quantity			MAM
		.A	.B	.C	
9022 313 0680	Screw (4x16) 1121	10	20	40	100
9022 341 0960	Screw (5x12) 1117 1118 1119 1121 4211	10	20	40	100
9022 341 1020	Screw (5x20) 1117 1118 1119 1121.	10	20	40	200
9039 488 0340	Screw (3x8) 1114 1118 1119 1121 4109 4207		5	20	100
9041 216 0630	Screw (5x12) 1106 1108 1109 1110 1116 1117 1203 1207 4201 4202 5203		10	20	100
9073 478 4290	Screw (5.8x19) 1118 1119 1121 4201	5	10	20	100
9099 021 2360	Self-Tap Screw (3.5x9.5) 1106 1108 1109 1110 1111 1113 1114 1115 1116 1117 1118 1119 1120 1121 1202 1203 1204 1206 1207 4109 4110 4111 4201 4202 4205 4207		10	25	50
9099 021 2770	Self-Tap Screw (3.5x13) 1106 1109 1118 1119 1120 1121 5608	5	10	25	50
9099 021 2810	Self-Tap Screw (3.9x19) 1106 1117 1118 1119 1121 1203 1204 1206 1207 4201		5	10	100
9210 260 0700	Nut (M5) 1106 1113 1114 1115 1117 1118 1119 1120 1121 4109 4112 4114 4117 4118 4121 4202 4207 4211	10	20	40	50
9210 261 1140	Nut (M8x1) 1110 1111 1112 1113 1114 1116 1117 1118 1119 1120 1121 4109 4110 4111 4202 4205 4207	2	5	10	200
9214 320 0700	Retaining Nut (M5) 1108 1110 1112 1113 1115 1117 1118 1119 1120 1121 1203 4118 4201	5	10	25	300

Part Number	Part Name	Quantity			MAM
		.A	.B	.C	
9291 021 0120	Washer 1106 1109 1110 1112 1117 1118 1119 1120 1121 4112 4114 4117 4121 4201 4211 5202 5203	5	10		300
9371 470 2610	Cylinder Pin (6x18) 1112 1114 1120 1121 4109 4207	2	5		50
9371 470 2640	Cylinder Pin (6x24) 1106 1109 1113 1114 1115 1116 1117 1118 1119 1121 1202 4111 4207	3	10		50
9416 868 6530	Rivet 1118 1121 4201 4211	10	20		100
9443 825 4700	Tubular Rivet 1120 1121	5	10		1
9460 624 0400	E-Clip (4) 1108 1115 1116 1120 1121 1206 1207 4202	5	10	20	100
9460 624 0801	E-Clip (8) 1118 1121 1206	5	10	25	50
9463 650 1000	Ring 1118 1121	5	20		100
9482 435 0030	Woodruff Key (2x3.7) 1110 1111 1112 1113 1114 1116 1117 1118 1119 1120 1121 4109 4110 4111 4202 4205 4207	5	10		100
9503 003 0340	Ball Bearing 1108 1110 1112 1117 1119 4108 4109 4110 4111 4201 4202	2	5		50
9512 003 2340	Rim 1110 1112 1113 1118 4110 4117	2	5		50
9512 933 2260	Rim 1121	2	5		10
9516 003 1730	Ball 1106 1108 1109 1110 1111 1113 1114 1115 1117 1118 1119 1120 1121 1202 1203 1204 4110 4205 5202 5203	3	10		100

Part Number	Part Name	Quantity			MAM
		.A	.B	.C	
9517 003 5010	Cylindrical Roller	2	10		100
9523 003 4260	Ball Bearing 1118 1121	2	5		10
9640 003 1190	Oil Seal 1114 1121 4109 4207	3	10		20
9640 003 1600	Oil Seal 1118 1121	3	10		20
9771 021 2580	Clamping Collar (34x7) 1114 1115 1117 1119 4109 4207	2	5	10	10



Technical Information



T.39.86

Engineering Changes on Model 034 Chain Saws (Series 1125)

- 1. Oil pump
- 2. Winter operation
- 3. Rewind starter
- 4. Muffler mounting

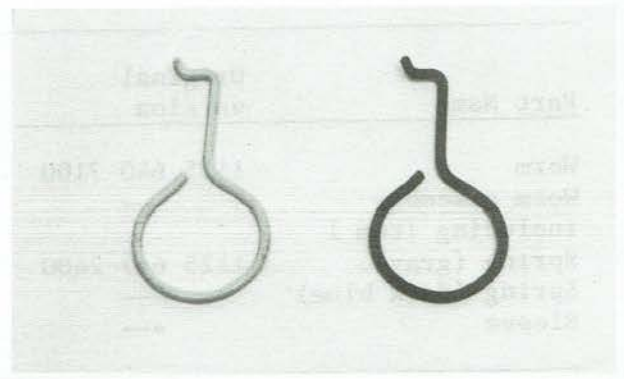
1. Oil pump:

The following modifications have been carried out on the oil pump to improve its function:

1.1 Drive spring:

The ring of the Drive Spring, 1125 647 2400, has been stiffened. This ensures dependable operation of the oil pump even if pressure is increased by a blocked oil inlet hole in the guide bar.

The uprated springs will be installed on the production line from machine No. X 15 588 527. Furthermore, all factory stocks of finished machines have been retrofitted with this spring so that only saws with the improved oil pump drive will be supplied from the factory.



Spring, 1125 647 2400
Left: Original version
Right: New version

The new springs can be identified by the dark blue coloring which results from the heat treatment (temper color). The original springs are metallic gray.

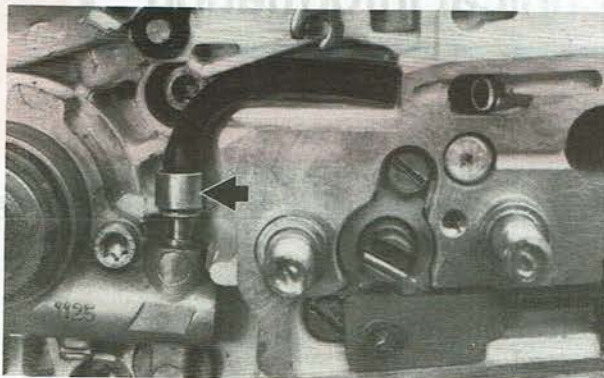
Dealer stocks of the original drive spring (gray) may be returned to Stihl via the responsible distributor. This is to ensure that only the improved drive springs are installed in case of repairs.

Worm, 1125 640 7110, now comes complete with Spring, 1125 647 2400. It is supplied in place of Worm, 1125 640 7100. This ensures that a new spring is always available for fitting together with the new worm.

In the future, only the uprated version (dark blue) of the drive spring will be supplied by the factory under part No., 1125 647 2400, and in Drive Worm Assembly, 1125 640 7110.

1.2 Feed hose:

The feed hose will be secured to the pump outlet with the new Sleeve, 1125 647 8200, from machine number X 15 763 655. This ensures that the hose is held reliably in position at the higher pump pressure made possible by the uprated drive spring.



1.3 Notes on repairs:

The feed hose must be secured with Sleeve, 1125 647 8200, whenever an uprated drive spring (dark blue) is installed. Slip the sleeve over the hose before fitting it. Connect the hose to the pump and then push the sleeve down over the nipple to the end of the hose.

The combination of both these parts ensures reliable operation of the pump.

1.4 Summary:

Part Name	Original version	New version	Key	Rem.	WG	MAM H	MAM V
Worm	1125 640 7100	---					
Worm assembly including item 1	---	1125 640 7110			5640	1	5
Spring (gray)	1125 647 2400	---					
Spring (dark blue)	---	1125 647 2400	1				
Sleeve	---	1125 647 8200	2		5640	1	25

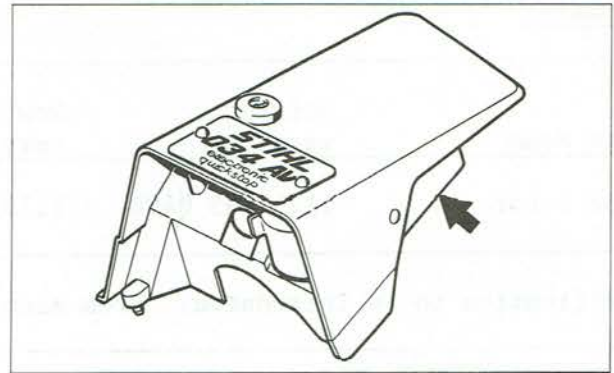
Modification to be introduced:

Item 1 from machine No. X 15 588 523

Item 2 from machine No. X 15 763 655

2. Winter operation:

A special shroud (with integral air deflector) is available as a special accessory to improve the preconditions for trouble-free operation in extremely cold weather (at temperatures below approx. $-28^{\circ}\text{C}/-20^{\circ}\text{F}$). It is intended to supplement the intake air preheating kit and carburetor preheating. The new Shroud, 1125 080 1603, improves the flow of warm intake air.



Summary:

Part Name	Original version	New version	Key.	Rem.	WG	MAM H	MAM V
Shroud	---	1125 080 1603		1)	5080	1	1

Remarks:

- 1) New special accessory

3. Rewind starter:

The original, oval Rope Rotor, 1125 195 0400, will be replaced by the new round Rope Rotor, 1125 195 0401, from machine No. X 15 849 689 in the interests of standardizing parts on all models. The new Rope Rotor, 1125 195 0401, has a second pawl seat. This means the pawl can now be fitted in the second seat if the other one is worn.

The new, modified rope rotor and the original version are fully interchangeable. Therefore, only the new Rope Rotor, 1125 195 0401, will be supplied after existing factory stocks of the original version have been exhausted.



Left: Original rope rotor
Right: New rope rotor

Summary:

Part Name	Original version	New version	Key	Rem.	WG	MAM H	MAM V
Rope rotor	1125 195 0400	1125 195 0401		1)	5190	1	1

Modification to be introduced: from machine No. X 15 849 689.

Remarks:

1) Original part will be supplied only as long as factory stocks last.

4. Muffler mounting:

The present IS M 5 x 12 socket head screws, used for attaching the muffler (inlet and exhaust casings) to the cylinder and crankcase, will be replaced by longer IS M 5 x 16 screws from machine No. X 15 424 166. The longer screws help avoid the threads being stripped by overtightening.

The existing, shorter screws remain available for machines up to No. X 15 424 165.

Summary:

Part Name	Original version	New version	Key	Rem.	WG	MAM H	MAM V
Socket head screw IS M 5 x 12 (4x)	9022 341 0960	---		1)			
Socket head screw IS M 5 x 16 (4x)	---	9022 341 0980			7720	20	200

Modification to be introduced: from machine No. X 15 424 166

Remarks:

1) Part remains available as a spare part.

Service note:

Observance of the specified tightening torques determines the quality and durability of a screwed assembly:

Muffler-to-cylinder 9 Nm (6.6 lbf.ft.)
Muffler-to-crankcase 5 Nm (3.7 lbf.ft.)

Washers must be fitted under the screw heads. Secure screws with adhesive, 0786 111 1101 (LOCTITE 242).

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