



SERVICE INFORMATION

Techn. Customer Service
VKT-10 Dü/St

BMW 2500 - 2800
Gr.: Body and Fittings

München, June 1970
nr. 9/68 (478) en.

2nd Supplement

Re: Safety belts

Dear Sirs,

In the Service Information, same number, dated December 1968, drawing II, we notified you of the position of the pickup hook on the door pillars for the buckles of the safety belts.

In order to be able to also suspend the buckles with an extremely short adjustment of the safety belts - front seats in rearmost position, backrests widely inclined - the distance between the top edge of the door pillar trimming and the mounting hole of the pickup hook was increased from 90 mm to 200 mm.

Please modify the drawing II accordingly.

Very truly yours,

BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

i.V.

i.V.

Scholz

Bennewitz

Kenntnis genommen - Pris connaissance - Noted - Tomado nota - Preso conoscenza					Ablage - Archives - File - Archivio		
Betriebsleitung Direction Management Dirección Direzione	Werkstatt Atelier Workshop Taller Officina	KD-Annahme Réception clientèle Cust. reception Recepción clientela Recezione clienti	Gewährl.-Sachb. Inspecteur garantie Warranty inspector Inspector garantía Ispettore garanzia	E-Teildienst Service pièces détachées Spare parts service Servicio de recambios Servizio ricambi	Betriebsleitung Direction Management Dirección Direzione	Werkstatt Atelier Workshop Taller Officina	



SERVICE INFORMATION

Technical Customer Service
VKT 10 Dü/Wi/Go

BMW 2500 - 2800 CS/Autom.
Group: General Hints

München, Oct. '69
No. 8/68 (479) en.

Supplement 1

RE: Lifting points for jack and car hoisting platform

Dear Sirs,

Commencing with chassis number

2 013 244	-	BMW 2500
2 241 636	-	2500 A
2 120 262	-	2500 US
2 150 544	-	2500 US-Autom.
2 300 672	-	2800
2 440 403	-	2800 A
2 420 015	-	2800 US
2 460 031	-	2800 US-Autom.
2 201 849	-	2800 CS

the front axle carrier has been reinforced additionally within the range of the workshop car lift - see sketch overleaf.

On this version it is no longer absolutely necessary to jack up with the hitherto prescribed device for the front axle carrier. We recommend, however, to modify the two outer pick-up profiles of the device so that these may be re-utilized.

Very truly yours
BAYERISCHE MOTOREN WERKE
Aktiengesellschaft
ppa. i.V.

Sketch overleaf

Delleske
Delleske

Bennewitz
Bennewitz

Kenntnis genommen — Pris connaissance — Noted — Tomado nota — Preso conoscenza

Ablage — Archives — File — Archivo

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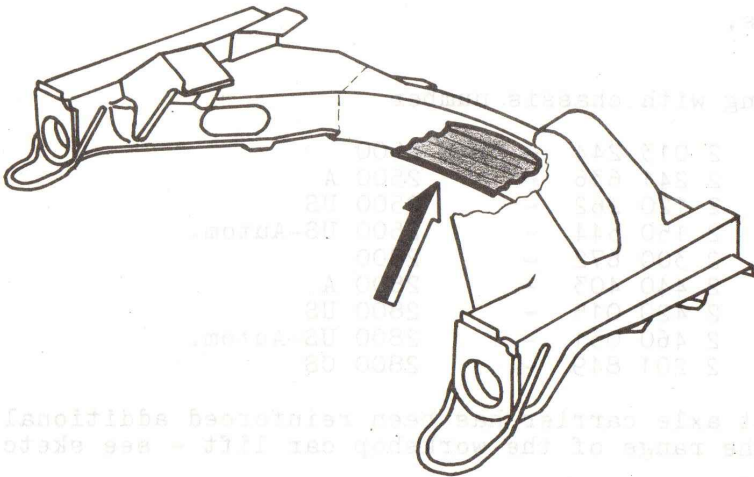


Service Information

Technical Customer Service BMW 2500 - 2800 US/Antrim
P.O. Box 10000 Minneapolis, MN 55408
No. 8/88 (479) en

Supplement 1

RE: Lifting points for jack and car hoisting platform



On this version it is no longer absolutely necessary to jack up with the hitherto prescribed device for the front axle carrier. We recommend, however, to modify the two outer kick-up profiles of the device so that these may be re-adjusted.

The front axle carrier has been reinforced additionally within the range of the car lift - see sketch overleaf.

Commencing with separate

Dear Sirs,

Very truly yours
HAYWARD MOTOR (974) 155/6.11
A. V. V.

Deliuske
Bannewitz

Kennzettel genommen - Pils connaissance - Noted - Tomado nota - Presso conoscenza

Abgabe - Archives - File - Archivio

Reception Direction Management Teller Office	Reception Direction Management Teller Office	Reception Direction Management Teller Office	Reception Direction Management Teller Office	Reception Direction Management Teller Office	Reception Direction Management Teller Office	Reception Direction Management Teller Office	Reception Direction Management Teller Office	Reception Direction Management Teller Office	Reception Direction Management Teller Office
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SERVICE INFORMATION

Technical Customer Service
VKT 10 dü/wi-en

BMW 2500
Gr.: Body & Fittings

München, Febr. 1969
No. 1/69 (496) en.

Re.: Door locks - BMW 2500

Dear Sirs,

Owing to weather influences and manufacturing tolerances it may occur that the return spring - see arrow in illustration on overleaf - does not suffice to return the actuating lever.

On all vehicles up to Chassis No.

2 001 933

these springs - one spring per lock - are to be renewed as follows:

Remove window crank, door inner handle, armrest and trim panel, loosen acella foil. The return spring in question may be unhooked and hooked in with the aid of pointed pliers or a suitable wire sling. Care should be used to assure that the spring eye - below - engages in the corresponding groove on the actuating lever.
Complete the door.

The necessary springs, Part. No. 51211807217, four pieces per vehicle - are available via the usual parts ordering procedure.

Required labour 18 FR.

Very truly yours,
BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

ppa.

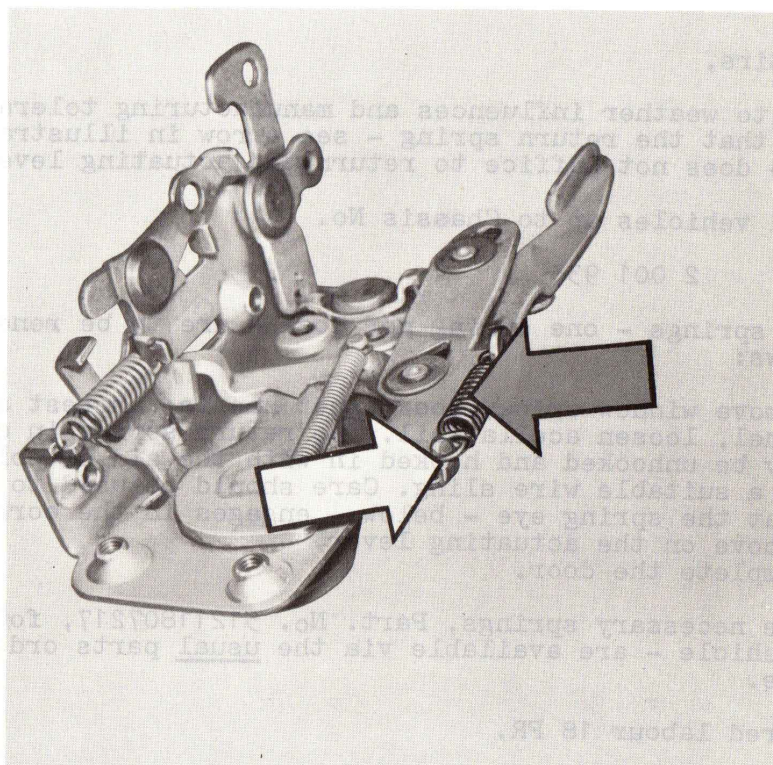
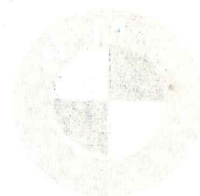
i.V.

Illustration on overleaf

Delleske

Bennwitz

Kenntnis genommen — Pris connaissance — Noted — Tomado nota — Preso conoscenza					Ablage — Archives — File — Archivo		
Betriebsleitung Direction Management Dirección Direzione	Werkstatt Atelier Workshop Taller Officina	KD-Annahme Réception clientèle Cust. reception Recepción clientela Recezione clienti	Gewährl.-Sachb. Inspecteur garantin Warranty inspector Inspector garantía Ispettore garanzia	I-Teildienst Service pièces détachées Spare parts service Servicio de recambios Servizio ricambi	Betriebsleitung Direction Management Dirección Direzione	Werkstatt Atelier Workshop Taller Officina	



Technical Customer Service BMW 1600 - 2500 München, Febr. 1969
VKT 10 GU/wi-ba Group: Body & Fittings No. 2/69 (497) en.

Re: Front seat catches, ashtray, door inside grab handle, window winder, roof lining

Dear Sirs,

In the course of the technical development some modifications have been carried out on our models, which we let you know thereafter:

In our Service Information, group: Body and Fittings No. 10/68 (489) we asked you to check the front seat catches of all the vehicles BMW 1800 - 2000, models 1968, delivered up to now.

Commencing with the chassis No.

1 902 788	-	BMW 1800
1 120 103	-	BMW 1800 A
1 956 733	-	BMW 2000
1 360 519	-	BMW 2000 A
1 470 691	-	BMW 2000 tilux
2 001 038	-	BMW 2500

the latch is electrically weld to the control rod.

The modified front ashtray, with glow deadener and upholstery protection was introduced commencing with the chassis No.

1 902 627	-	BMW 1800
1 120 102	-	BMW 1800 A
1 957 232	-	BMW 2000
1 360 519	-	BMW 2000 A
1 470 832	-	BMW 2000 tilux

In sporadic cases, the doors are not pulled on the arm-rest but on the door inside handle and on the window winder.

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Service Information	Workshop	RD-Annahme	Garantie-Service	Service-Station	Service-Station	Service-Station
Service Information	Workshop	Reception clients	Inspection garants	Service parts warehouse	Service parts warehouse	Service parts warehouse
Workshop	Workshop	Cost inspection	Warranty inspection	Service parts review	Service parts review	Service parts review
Workshop	Workshop	Reception clients	Inspection garants	Service parts warehouse	Service parts warehouse	Service parts warehouse
Workshop	Workshop	Reception clients	Inspection garants	Service parts warehouse	Service parts warehouse	Service parts warehouse

To avoid a break due to overstraining of these parts, commencing with the chassis No.

1 959 291	-	BMW 2000
1 360 531	-	BMW 2000 A
1 471 372	-	BMW 2000 tilux
2 000 911	-	BMW 2500

modified door inside handles and window winders are mounted.

For a better fastening on the windshield pillar assembly (window-frame above) the roof lining is assured with 4 clips and on vehicles with sliding roof additionally on the rear compartment end panel (window-frame above) with 5 clips.

In case of complaints these clips, Part No. 51 44 1 805 831, may be fitted following the illustration on overleaf. On sliding roof equipped vehicles distribute the clips uniformly over the upper rear compartment end panel edge.

This modification became effective with chassis No.

1 863 984	-	BMW 1600-2
1 551 476	-	BMW 1600-2 RHD
1 566 955	-	BMW 1600 US
1 588 402	-	BMW 1600 TI
1 619 600	-	BMW 2002
1 650 670	-	BMW 2002 RHD
1 663 833	-	BMW 2002 US
1 680 429	-	BMW 2002 TI
1 902 610	-	BMW 1800
1 120 101	-	BMW 1800 A
1 956 516	-	BMW 2000
1 360 518	-	BMW 2000 A
1 470 623	-	BMW 2000 tilux
2 000 949	-	BMW 2500

Commencing with chassis No.

1 863 643	-	BMW 1600-2
1 551 472	-	BMW 1600-2 RHD
1 566 886	-	BMW 1600 US
1 588 379	-	BMW 1600 TI
1 619 383	-	BMW 2002
1 650 657	-	BMW 2002 RHD
1 663 796	-	BMW 2002 US
1 680 370	-	BMW 2002 TI

the rear quarter side panels have been reinforced from a thickness of 0.80 mm to 1 mm in order to increase the stiffness of the body-work.

Very truly yours,

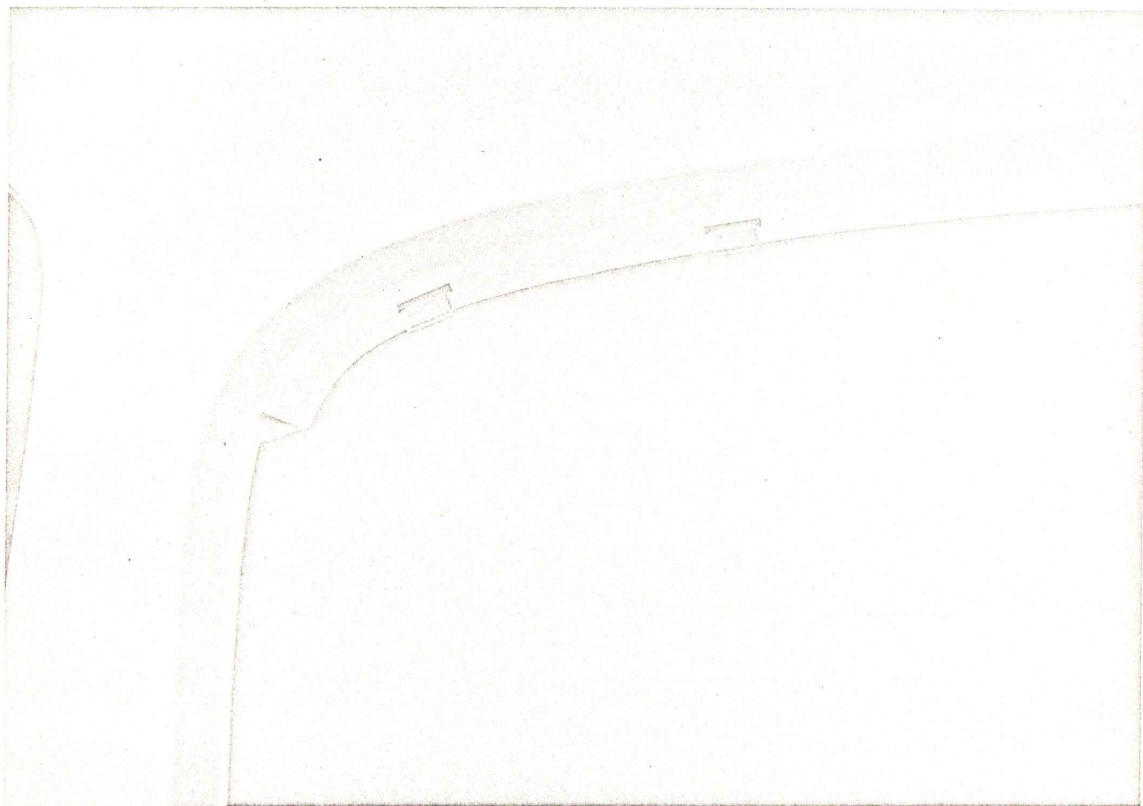
BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

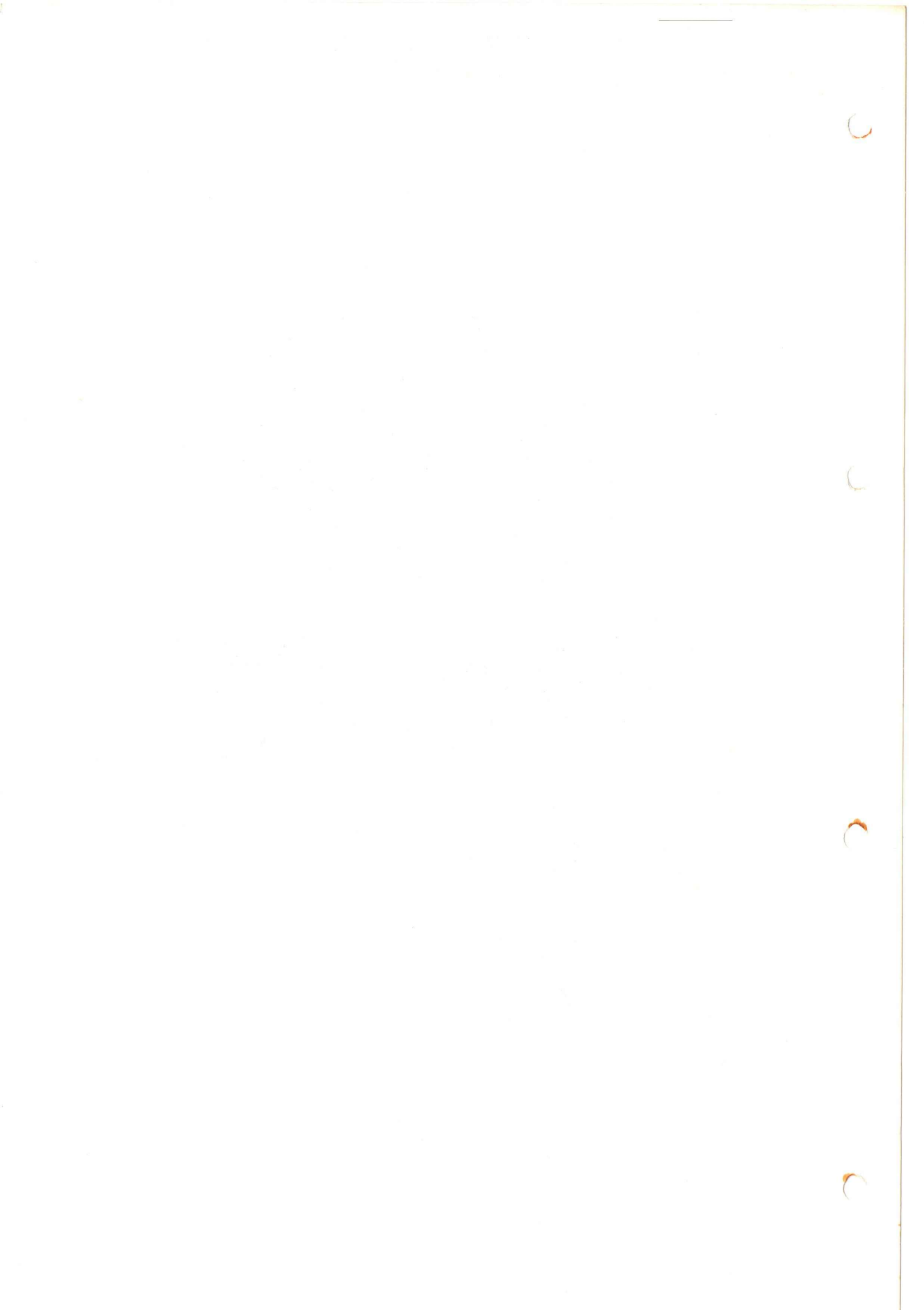
ppa.

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Bennwitz

Illustration
auf überlief.





Technical Customer Service: BMW 2500 - 2800 CS
VKT 10 dU/wi-en: Group: Engine

München, Febr. 1969
No. 1/69 (498) en.

Re.: Filling the cooling system - BMW 2500 - 2800 CS

Dear Sirs,

The heating power and above all the engine life depend essentially on the proper filling and bleeding of the cooling system. It is therefore necessary to regularly check the coolant level, the hoses and their connections and if necessary to bleed the cooling system as follows:

Loosen the grub screw on the thermostat housing and fill the cooling system until the coolant escaping from the bleeder slot is free of air bubbles (see figure 1). Tighten the grub screw.

The system is properly filled when the coolant level on the compensator or refilling reservoir is approx. "a" 10 mm below the base of the filler neck, figure 2.

Close the radiator cap.

The normal operating temperature having been reached, open the radiator cap with the engine at standstill and if necessary, top up with coolant.

The position of the hot air temperature control lever of the heating affects neither the refilling nor the bleeding of the cooling system.

Very truly yours,
BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

ppa.

i.V.

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Direction	Workshop	Reception clients	Inspection clients	Inspection clients	Inspection clients	Inspection clients	Inspection clients
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Direction	Workshop	Reception clients	Inspection clients	Inspection clients	Inspection clients	Inspection clients	Inspection clients

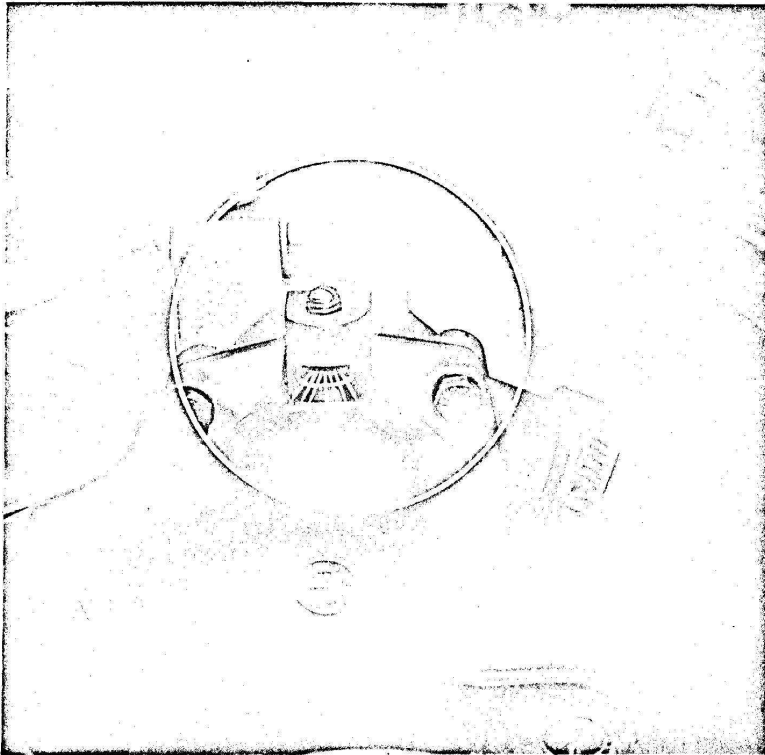


Bild 1

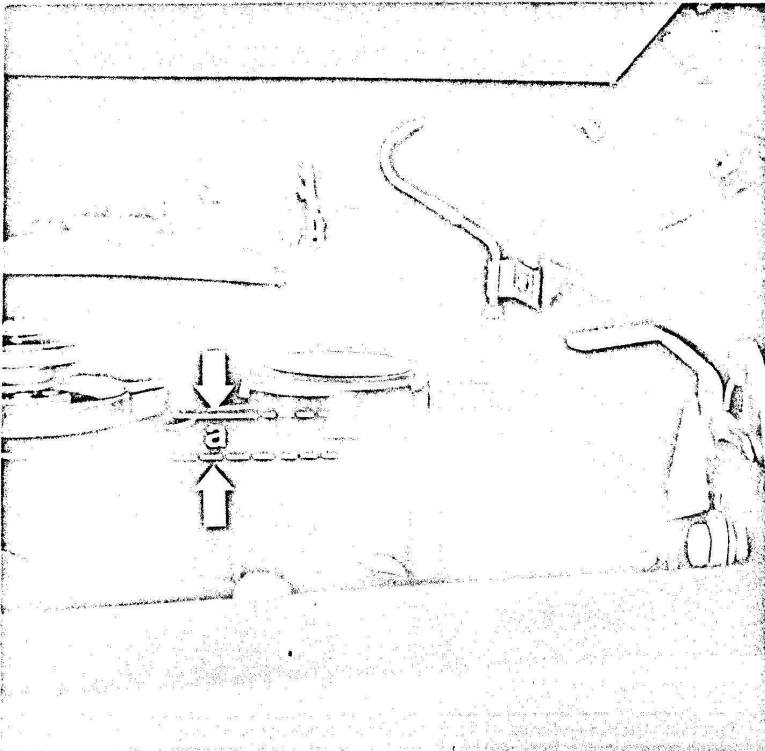
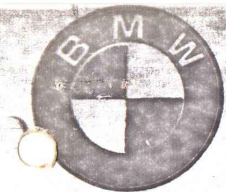


Bild 2



SERVICE INFORMATION

Techn. Customer Service
CT 10 by/wi-ba

BMW 1600-2 - 2002 TI
Group: Electrical equipment

München, Febr. 1969
No. 2/69 (500) en.

Squeaking noises developing from heater fans

Dear Sirs,

An erratic squeaking noise occurs occasionally on the heater fans at low outside temperatures. This is a true bearing noise of the electric motor that develops nearly exclusively from the upper bearing and is attributable to lack of lubricant. For this reason an improvement of the heater motor bearing is planned in the next future.

This squeaking noise may be eliminated by a subsequent lubrication with a molybdene or graphite lubricant, for example

Liqui Moly,
Molykote,
Teroson "Mo"

When doing this, one should watch however that no lubricant gets onto the motor commutator as otherwise the power of the electric motor would be reduced considerably. Proceed as follows:

BMW 1600-2, 2002

The upper bearing of the heater motor may be greased through the opening in the heater cover panel or on the "Nordland" heater after the removal of the protecting cap.

The rarely necessary lubrication of the lower bearing may provisionally be carried out sidewise through the air collecting box or better on the removed unit (see Workshop Manual BMW 1500-2002, group 4.080).

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No. 2/69 (500) en.

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BMW 1800,2000,2500

The upper motor bearing will be accessible after removal of the air entry grille screen and the bearing protective cap - avoiding whenever possible pulling the cable connections from the heater motor.

The complete fan motor and mounting assembly is easy to remove (see Workshop Manual BMW 1500- 2000, group 4.098). The lower motor bearing is then accessible through the protective grid of the blower wheel. In order to avoid impairing the balance and a possible deterioration of the motor shaft it is advised against removing the blower wheel.

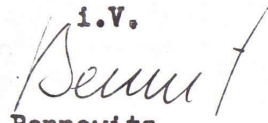
Very truly yours,

BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

ppa.

i.V.


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SERVICE INFORMATION

Technical Customer Service
VKT 10 dü/wi-ba

BMW 1600-2, 2002 TI
Group: Engine

München, Febr. 1969
No. 3/69 (501)en.

RE: Carburetor Control

Dear Sirs,

In some cases the return spring for carburetor control has broken because of natural vibration.

Commencing with Chassis Number

1 866 739	-	BMW 1600-2
1 551 571	-	BMW 1600-2 RHD
1 567 377	-	BMW 1600 US
1 588 636	-	BMW 1600 TI
1 621 558	-	BMW 2002
1 650 844	-	BMW 2002 RHD
1 680 909	-	BMW 2002 TI

the mounting hole for the return spring on the control lever is equipped with a plastic bushing - see illustration on overleaf - with the scope of affording better damping and to avoid chafing spots on the lower spring eyelet.

During a workshop visit - service - inspection and so on of the vehicles BMW 1600-2 to 2002 TI serviced by you, you will, please, subsequently fit this plastic bushing, Part No. 35 41 1 103 614, as follows:

Unhook the return spring
Press the plastic bushing into the mounting hole
until it protrudes equally at the left and at
the right
Reinstall the return spring

In this connection we refer to our Service Information group
Engine, 3/68 (419).

Required labour: 1 FR

Very truly yours,

BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

Illustration on overleaf

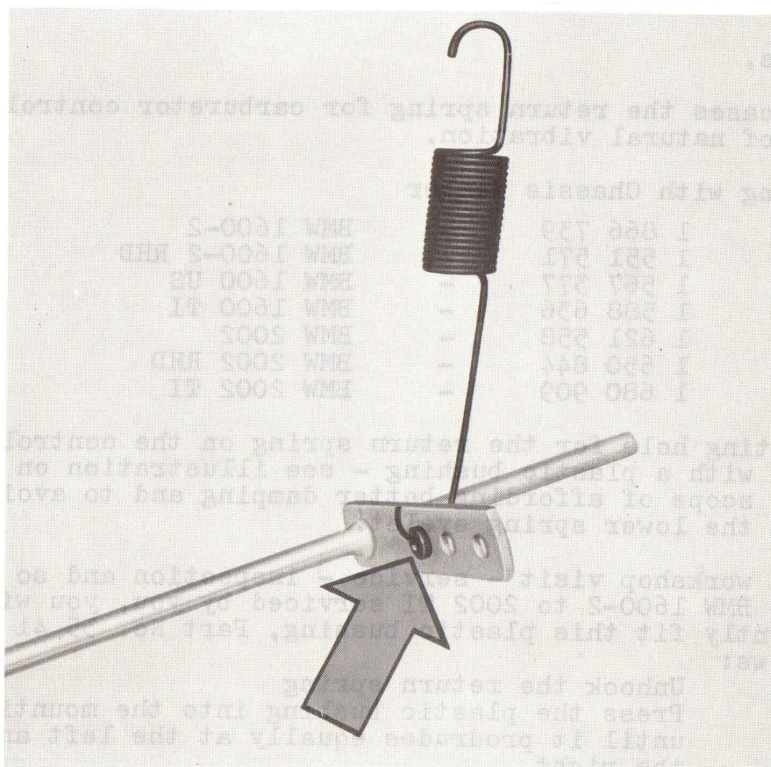
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Technical Customer Service | BMW 1600-2 - 2000
KT 10 | Ko/wi-en | Group: Engine

München, Apr. 1969
No. 8/69 (502) en.

Re.: Oil pump and full-flow oil filter

Dear Sirs,

Following our policy of continuing technical development a rotor type oil pump (Eaton system) is installed instead of the gear type oil pump commencing with the chassis No.

1 867 727	-	BMW 1600-2
1 551 610	-	BMW 1600-2 RL
1 567 535	-	BMW 1600 US
1 588 671	-	BMW 1600 TI
1 622 375	-	BMW 2002
1 650 905	-	BMW 2002 RL
1 644 499	-	BMW 2002 US
1 680 962	-	BMW 2002 TI
1 905 747	-	BMW 1800
1 120 109	-	BMW 1800 A
1 960 891	-	BMW 2000
1 360 565	-	BMW 2000 A
1 471 603	-	BMW 2000 tilux

The following parts are superseded:

Oil pump, compl.	Part No. 11 41 0 752 000
Simplex roller chain	Part No. 11 41 0 652 140
Sprocket	Part No. 11 41 0 652 135
Hub for sprocket	Part No. 11 41 0 652 115
Shim 0.1 mm	Part No. 11 41 0 652 145

They will be replaced by:

Oil pump, compl.	Part No. 11 41 1 250 854
Chain	Part No. 11 41 1 250 429
Sprocket	Part No. 11 41 1 250 430
O-ring	Part No. 11 41 1 250 421
Bearing bolt	Part No. 11 41 1 250 426
Pressure line	Part No. 11 41 1 250 968
(fitting instruction see repair manual)	

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					Werkstatt Atelier Workshop Teller Officina

The necessary minor parts, such as screws, washers, etc. may be perceived from the parts catalogue - group:engine 11.4 (1a/2) of Sept. 1st, 1968.

Having used up the gear type pumps only the rotor pump with the pertaining parts should be used for eventual repairs.

When doing this, see to it that these engines are equipped with the

full-flow oil filter Part No. 11 42 1 251 353

which is standard equipment commencing with chassis No.

1 580 648	-	BMW 1600-2	
1 551 029	-	BMW 1600	RL
1 586 132	-	BMW 1600	TI
1 602 235	-	BMW 2002	
1 650 040	-	BMW 2002	RL
1 291 620	-	BMW 1800	
1 191 773	-	BMW 1800	A
1 346 133	-	BMW 2000	
1 215 047	-	BMW 2000	A
1 460 499	-	BMW 2000	tilux

On all vehicles comprised by the above mentioned chassis numbers it is necessary to change also the full-flow oil filter when replacing the oil pump as it is not allowed to install the rotor pump in conjunction with the old oil filter type.

Owing to this modification the customer faces increased costs, in case of repairs beyond the warranty period. It should however be borne in mind that this modification constitutes a technical improvement which among others also increases the engine life.

Vehicles of the US-Version are still supplied with the full-flow oil filter being fitted from the beginning of the series.

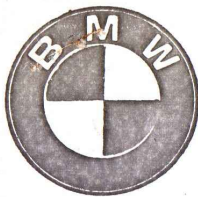
Very truly yours,
BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

ppa.

i.V.

Delleske

Bennwitz



SERVICE INFORMATION

Technical Customer Service
VKT 10 tr/ba/en

BMW 1800 A, 2000 A/CA
Group: Transmission

München, March 19
No. 1/69 (503) en

Re.: Automatic transmission 3 HP 12, checking the selector slide on the selector unit

Dear Sirs,

For safety reasons it is necessary to check all automatic transmissions with the numbers 25587 to 28786 (stamped on the gear box at the rear, above the oil pan) about irreproachable condition of the selector slide on the selector unit.

Automatic transmissions of the above mentioned numbers have been installed on

BMW 1800 A	commencing with chassis No. 1 191 771
1800 A RHD	" " " " 1 195 201
BMW 2000 A	commencing with chassis No. 1 214 930
2000 A RHD	" " " " 1 225 313
BMW 2000 CA	commencing with chassis No. 1 002 719

Please check the transmission No. on all concerned vehicles serviced or repaired by you and if necessary effectuate the following checking:

1. Drain the oil (collect it for an eventual reutilization in a cleaned recipient) and remove the oil pan
2. Shift the selector to position "P" (guide piece of the selector slide touches the selector housing).
3. Check the tight fit of the selector slide piston with some light blows applied with a drift $\varnothing$ 5.5 mm and hammer (200 g) (see sketch on overleaf).

When the tight fit of the guide piece on the selector slide piston results to be exact, reinstall the oil pan with new gasket, refill, following instruction, oil and apply a white color point on the transmission neck near the speedometer-cable connector.

If a defective tight fit of the guide piece on the slide piston is stated, the selector unit must be removed and reinstalled following the instructions in the Repair Manual BMW 1500 - 2000, group: transmission, page GA 14 to GA 15 and the selector slide must absolutely be renewed.

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By specifying the corresponding chassis and transmission numbers improved selector slides can be ordered in this exceptional case directly from our department VKT, by telephone*or by teleprint.

Required material and labour

9 FL per vehicle with checking of the tight fit
22 FL per vehicle with tight fit checking and renewing
of the selector slide.

are to be sent following the usual warranty way with the damage statement No. 101 12.

Before the examination please check on principle the transmission for the existence of the white color mark, in order to avoid a second unnecessary checking of the gear box.

Very truly yours,
BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

ppa.

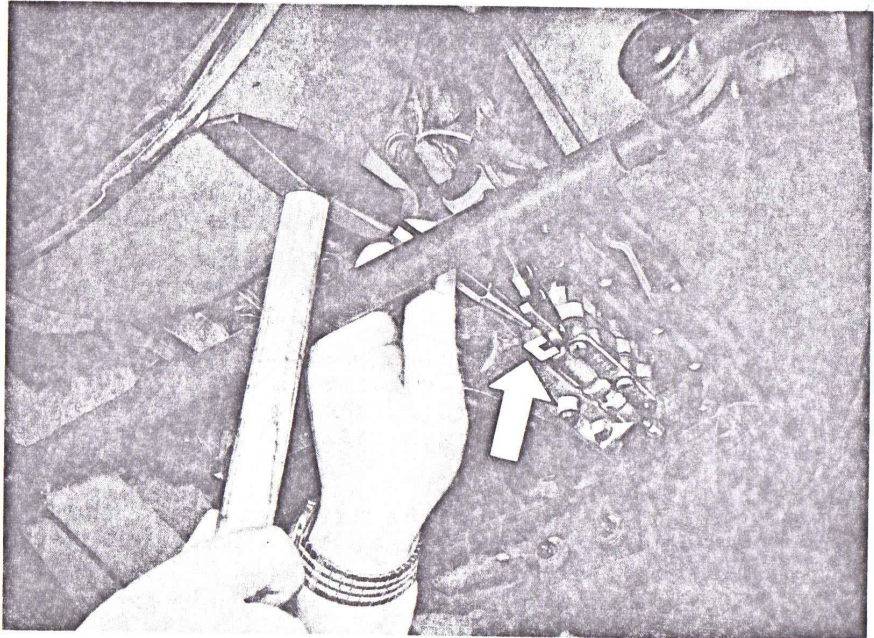
i.V.

*(0811-3895 874)

Delleske

Bennwitz

(Illustration)



Technical Customer Service
 YKH 10

BMW 1600-2 - 2500
 6d/wi-oi Group: Engine

München, Febr. 1969
 No. 4/69 (304) en.

Re: Valve guides and springs

Dear Sirs,

For engineering reasons - easier installation of valve guides - and to ensure a better fit of the valve seal rings, all valve guides (valve chamber ends) will be machined to a tapered shape (see sketch on overleaf) commencing with chassis Number

1 615 100	-	BMW 1600-2	
1 557 501	-	BMW 1600-2	RE
1 567 117	-	BMW 1600	US
1 580 489	-	BMW 1500	TI
1 620 313	-	BMW 2002	
1 650 730	-	BMW 2002	RE
1 650 087	-	BMW 2002	US
1 650 664	-	BMW 2002	TI
1 903 610	-	BMW 1800	
1 120 103	-	BMW 1800	A
1 657 754	-	BMW 2000	
1 360 527	-	BMW 2000	A
1 470 982	-	BMW 2000	tilux
2 001 363	-	BMW 2500	25

These guides may be installed subsequently after having used up the existing ones in your stock.

Reference of Chassis Number

1 568 444	-	BMW 1600	TI
1 631 543	-	BMW 2002	TI
1 470 692	-	BMW 2000	tilux

only progressive valve springs will be used in the standard serial production. Valve springs of this type, Part Number 11 34 1 252 495, avoid to a great extent the whirling of the valves at overspeeding the engine and thus engine damages exclusively attributable to excessive revolution rates.

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Nov. 4, 1905

The following is a list of the names of the persons who have been elected to the office of the President of the National Association of the Deaf for the year 1906.

The following is a list of the names of the persons who have been elected to the office of the President of the National Association of the Deaf for the year 1906. The names are listed in the order in which they were elected, and the names of the persons who were elected to the office of the President are listed first.

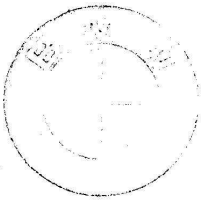
Very truly yours,
National Association of the Deaf
Washington, D.C.

Nov. 4, 1905

Wm. H. Miller
President

Nov. 4, 1905

Nov. 4, 1905 (50-1)



SERVICE INFORMATION

Technical Customer Service
VKT 10 dü/wi-en

BMW 1600-2 - 2800 CS/A
Group: Rear Axle

München, March '69
No. 1/69 (507) en.

Re.: Oil grades for rear axle with self-locking differential

Dear Sirs,

A laminal-type self-locking differential is installed as standard feature into the BMW 2800/A and 2800 CS/A, and as an option into the models BMW 1600-2, 2002, 2002 TI and BMW 2500/A.

Colour mark: White "S" on housing rear side at left.

Contrary to the normal execution - see Service Information group: rear axle, No. 4/68 (459) - rear axles with self-locking differential must only be filled with the following oil:

Fuchs hypoid gear oil LS SAE 90.

Further oil types are being tested and we hope to be very soon in a position to communicate you the corresponding firms and designations.

This oil may also be used on rear axle gear boxes without self-locking differential.

Very truly yours,
BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

ppa.

i.V.

Delleske

Bennewitz

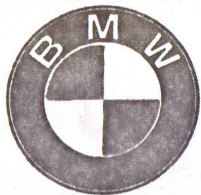
Kennfeld genommen — Pris annullato — Noted — Taken note — Preso conoscenza				Abgelegt — Archives — File — Archivato			
Betriebsleitung Direction Management Dirección Direzioe	Werkstatt Atelier Workshop Tallier Officina	KD-Annahme Réception clientèle Cust. reception Recepción clientela Recezione clienti	Gewährl.-Sachb. Inspecteur garantie Warranty inspection Inspector garantía Ispettore garanzia	E-Teildienst Service pièces détachées Spare parts service Servicio de recambios Servizio ricambi	Betriebsleitung Direction Management Dirección Direzioe	Werkstatt Atelier Workshop Tallier Officina	

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SERVICE INFORMATION

Technical Customer Service
VKT sch/wi-en

BMW 1600-2 - 2800 CS/A
Group: Rear Axle

München, May 1969
No. 1/69 (507) e

Supplement I

Re.: Oil grades for rear axle with self-locking
(limited slip) differential

Dear Sirs,

With reference to our Service Information Bulletin,
group: rear axle, No. 1/69 (507) we wish to inform
you that a further oil, i.e.

Castrol Hypoy LS SAE 90,

has been admitted for BMW rear axles with limited slip
differential.

Very truly yours,
BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

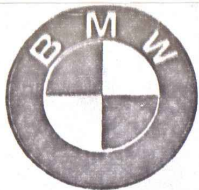
ppa.

i.V.

Delleske

Bennewitz

Kenntnis genommen — Pris connaissance — Noted — Tomado nota — Preso conoscenza				Ablage — Archives — File — Archivio			
Betriebsleitung Direction Management Dirección Direzione	Werkstatt Atelier Workshop Taller Officina	KD-Annahme Réception clientèle Cust. reception Recepción clientela Recezione clienti	Gewährl.-Sachb. Inspecteur garantie Warranty inspector Inspector garantía Ispettore garanzia	E-Teildienst Service pièces détachées Spare parts service Servicio de recambios Servizio ricambi	Betriebsleitung Direction Management Dirección Direzione	Werkstatt Atelier Workshop Taller Officina	



SERVICE INFORMATION

Technical Customer Service
VKT 10 Dü/ra

BMW 1800 - 2800 CS/A
Group: Rear Axle

München, Nov. 1969
No. 1/69 (507)en.

Supplement 2

RE: Oil types for rear axle with limited-slip differential

Dear Sirs,

When negotiating narrow bends or taking off in a hurry it happened in some cases that the limited-slip, laminar, differential caused noises. Those noises however have no influence whatever in the functioning and life of the limited-slip differential.

Effective of chassis number

2 303 599	-	BMW 2800
2 480 201	-	2800-RHD
2 441 290	-	2800 A
2 490 059	-	2800 A-RHD
2 420 243	-	2800 US
2 460 266	-	2800 US-Aut.
2 202 214	-	2800 CS
2 220 389	-	2800 CS-Aut.

limited-slip differentials with molybdene-coated inner discs will be installed in the serial standard production.

Mark:

Yellow colour dot or "S 40" stamped on righthand side of differential housing, at rear.

With this laminar version it is no longer necessary to fill the differential unit with the special oils of the Castrol and Fuchs firms so that all the oils admitted for the short-neck differential may be used, see S.I., group Rear Axle, No. 3/69 (558).

Into the models BMW 1800, 2000, 2000 CS and in their variants with short-neck differential the same limited-slip differential can be installed as into the models BMW 2500 - 2800 CS.

Very truly yours,
BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

ppa. Delleske

i.V. Bennewitz

Kenntnis genommen — Pris connaissance — Noted — Tomado nota — Preso conoscenza					Ablage — Archives — File — Archivio		
Betriebsleitung Direction Management Dirección Direzioe	Werkstatt Atelier Workshop Taller Officina	KD-Annahme Réception clientèle Cust. reception Recepción clientela Recezione clienti	Gewährl.-Sachb. Inspecteur garantie Warranty inspector Inspector garantía Ispettore garanzia	E-Teildienst Service pièces détachées Spare parts service Servicio de recambios Servizio ricambi	Betriebsleitung Direction Management Dirección Direzioe	Werkstatt Atelier Workshop Taller Officina	

Technical Customer Service BMW 1500 - 2000
VKT 10

by/wi-on, Group: Engine

Munich, March 1969
No. 1/69 (500) en.

Re.: Engine oil recommendations

Dear Sirs,

Supplementing our Service Information, group: engine, No. 15/68 (454), we wish to draw your attention to a multigrade oil which can be used throughout the year on the engines of the models BMW 1500 - 2000.

After thorough researches in the laboratory and in practical operation, the brand-name HD oil for gasoline engines,

Mobil Oil 10 W 50

has been admitted.

In due time we shall inform you about the possible admission of further engine oils usable throughout the year.

Very truly yours,
BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

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Kategorie: Personal - Personal - Personal - Personal - Personal				Kategorie: Personal - Personal	
Bildung Direction Management and and	Workshop Atelier Workshop Teller Office	KD-Anfragen Reception clients Cust. reception Reception clients Reception clients	Gewinn-Sachz. Ingenieur personal Werkstoff personal Ingenieur personal Ingenieur personal	Rechnung Service personal Spars parts service Service personal Service personal	Rechnung Rechnung Rechnung Rechnung Rechnung



SERVICE INFORMATION

Techn. Customer Service
VKT 10 do/wi-ba

BMW 2500
Group: Body & Fittings

München, March 1969
No. 5/69 (510)en.

Re: Door window glasses

Dear Sirs,

Commencing with the chassis No. 2 000 419 improved door window glasses - 2 additionally riveted fastening brackets - will be mounted.

In case of a glass detachment from the rail, the glass in question must be completely exchanged:

Ordering No.

glass front, left	51 32 1 800 697
glass front, right	51 32 1 800 698
glass rear, left	51 34 1 800 681
glass rear, right	51 34 1 800 682

Removed glasses are to be sent-in via the usual warranty procedure and properly packed.

Required labour:

glass front: 9 FR
glass rear: 15 FR

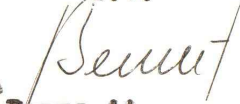
Very truly yours,

BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

ppa.

i.V.


Delleske


Bennewitz

Kenntnis genommen — Pris connaissance — Noted — Tomado nota — Preso conoscenza					Ablage — Archives — File — Archivo		
Betriebsleitung Direction Management Dirección Direzione	Werkstatt Atelier Workshop Taller Officina	KD-Annahme Réception clientèle Cust. reception Recepción clientela Recezione clienti	Gewährl.-Sachb. Inspecteur garantie Warranty inspector Inspector garantía Ispettore garanzia	E-Teildienst Service pièces détachées Spare parts service Servicio de recambios Servizio ricambi	Betriebsleitung Direction Management Dirección Direzione	Werkstatt Atelier Workshop Taller Officina	

NOTA MARCA 301473



München, March 1969
No. 4/69 (512) en.

EARN 729



SERVICE INFORMATION

Techn. Customer Service
IT 10 ko/wi-ba

BMW 2500 - 2800
Group: Body and Fittings

München, April 1969
No. 4/69 (512) en.

Supplement 1

RE: Adjustment of the front seats

Dear Sirs,

If an adjustment of the seats further to the rear is desired from the customers, the catches of the seat rails can be removed if necessary. This increases the adjustment range of the front seats towards the rear as follows:

Driver seat: approx. 25 mm
Passenger seat: approx. 60 mm.

It is planned to discontinue the installation of these catches in the serial standard production.

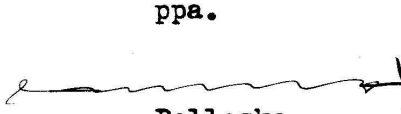
On the US-models those catches cannot be removed because of the safety dispositions.

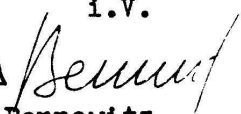
Very truly yours,

BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

ppa.

i.V.


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Bennewitz

PS: We would ask you to change the chassis No. 2 000 419 to read 2 004 119, in the Service Information No. 5/69 (510), group: Body and Fittings.

Kenntnis genommen — Pris connaissance — Noted — Tomado nota — Preso conoscenza

Ablage — Archives — File — Archivio

Betriebsleitung
Direction
Management
Dirección
Direzioe

Werkstatt
Atelier
Workshop
Taller
Officina

KD-Annahme
Réception clientèle
Cust. reception
Recepción clientela
Ricezione clienti

Gewährl.-Sachb.
Inspecteur garantie
Warranty inspector
Inspector garantía
Ispettore garanzia

E-Teildienst
Service pièces détachées
Spare parts service
Servicio de recambios
Servizio ricambi

Betriebsleitung
Direction
Management
Dirección
Direzioe

Werkstatt
Atelier
Workshop
Taller
Officina

Technical - Customer Service BMW 2500/2800/2800 CS
ME 10 10/24 Group: Engine

Munich, March 1969
10. 6/69 (514) en.

Re.: Seal ring for oil filter cartridge.

Dear Sirs,

A part of the supplied oil filter cartridges were inadvertently provided from the manufacturer - Messrs. Parolav - with improper seal rings - square section.

Comment: Only seal rings with round section - Part No. 11 42 1 252 222 - can be used.

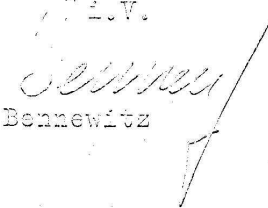
Seal rings with square section must be destroyed.

Very truly yours,
BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

ppa.

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Delleske


Bennewitz

SERVICE INFORMATION

Technical Customer Service | BMW 2500 - 2800 CS
PKT 10 | au/wi-en | Group: Engine

München, May 1969
No. 6/69 (514) en.

Supplement I

Re.: Seal ring for oil filter cartridges

Dear Sirs,

Due to improper installation of the oil filter seal ring into filter bottom there may occur oil leakages and engine deteriorations resulting therefrom.

It is therefore absolutely necessary to insure that the seal ring fits exactly in the groove, does not project and is not sheared off.

After every engine oil change inspect the oil filter and check the drain plug for tightness.

Very truly yours,

BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

ppa.

Delleske

i.V.
Bennewitz

Kunden's gnan... — Pns conoscenza — Noted — Vorwende nota — Prase conoscenza					Abt... — Archives — File — Archiv	
Verwaltung Direction Management Direzione	Werkstatt Atelier Workshop Taller Officina	RD-Anmeldung Reception clientèle Cust. reception Recepción clientela Ricezione clienti	Gewährh.-Sachb. Inspector garantie Warranty inspector Inspector garantía Ispezzione garanzia	Teillieferant Service pièces détachées Spare parts service Servicio de repuestos Servizio ricambi	Fabrikleitung Direction Management Direzione	Werkstatt Atelier Workshop Taller Officina

SERVICE INFORMATION

Technical Customer Service
VKT 10 by/wi-en

BMW 1500 - 2800
Group: Engine

München, March 1969
No. 7/69 (515) en.

Re.: Ignition timing values

Dear Sirs,

With our Service Information, group: engine, No. 17/68 (465), we have already informed you about the serial introduction of the ignition timing by the dynamic method.

The flywheel now features only an OT (T.D.C.) mark and a pressed-in steel ball as timing mark. The crankshaft and the flywheel are countermarked by means of a notch.

All centrifugal advance values quoted on the enclosed table - also those of the models out of production - refer to the OT (T.D.C.) mark. These are to be adjusted by using a stroboscopic light gun and revolution counter (tachometer) with engine running at normal operating temperature and with vacuum advance hose disconnected.

Very truly yours,
BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

ppa.

i.V.

Enclosure

Delleske

Bernwitz

German - English - French - Italian		German - English - French - Italian		German - English - French - Italian		German - English - French - Italian	
Einweisung	Workshop	AD-Annahme	Customer reception	Garantien-Gesch.	Warranty inspection	Erfolddienst	Service plus défectueux
Direction	Atelier	Reception clientèle	Cust. reception	Inspection garantie	Warranty inspection	Service pièces défectueuses	Direction
Management	Workshop	Reception clientèle	Reception clientèle	Inspection garantie	Inspection garantie	Service pièces défectueuses	Management
Direction	Office	Reception clientèle	Reception clientèle	Inspection garantie	Inspection garantie	Service pièces défectueuses	Direction

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IGNITION ADVANCE DATA

Type	1500	1600 1600-2	1600 TI- 1600 GI	1800 1800 A	1800 TI	2002 2000 2000 A	2002 TI 2000 CS 2000 ti lux	2000 CA	2500/A 2800/A 2800 CS/A
Distributor Bosch Type BMA Part No.	0231115071* 12111351808	0231115072* 12111351809	0231119033 121118730010	0231115072* 12111351809	0231115071* 12111351808	0231115071* 12111351808	0231119033 12111350665	0231115071* 12111351808	0231116053 12111350238
Ignition Point, static with engine cold	3° before OT (81DC)		OT	3° before OT	OT	3° before OT	OT	3° before OT	OT
Ignition point, dynamic with engine running at normal operating temp.; illuminate timing mark; (ball) on flywheel (without vacuum advance) at	25° b.OT 1400 rpm	--	25° b.OT 2200 rpm	25° before OT 1400 rpm	25° b.OT 2200 rpm	25° b.OT 1400 rpm	25° b.OT 2200 rpm	25° b.OT 1400 rpm	22° b.OT 1700 rpm
Firing order	US-Version at 2000 rpm								
	1 - 3 - 4 - 2								
Drwell angle	59° - 65° 66% - 72%	61° - 66° 68% - 74%	59° - 65° 66% - 72%	61° - 66° 68% - 74%	59° - 65° 66% - 72%	59° - 61° 65% - 69%	59° - 61° 65% - 69%	59° - 65° 66% - 72%	35° - 41° 58% - 68%

Data for timing angle tester with engine at normal operating temperature and without vacuum advance.
Illuminate OT mark with the stroboscopic light pistol.

1000 rpm	21° - 25°	23° - 27°	18° - 22°	10° - 13°	21° - 25°	23° - 27°	18° - 22°	10° - 13°	21° - 25°	8° - 12°
1500 rpm	26° - 30°	25° - 29°	23° - 27°	17° - 21°	26° - 30°	25° - 29°	23° - 27°	17° - 21°	26° - 30°	18° - 22°
2000 rpm	31° - 35°	30° - 34°	28° - 32°	22° - 26°	31° - 35°	30° - 34°	28° - 32°	22° - 26°	31° - 35°	22° - 26°
2500 rpm	36° - 40°	34° - 38°	33° - 37°	26° - 30°	36° - 40°	34° - 38°	33° - 37°	26° - 30°	36° - 40°	26° - 30°
2700 rpm	38° - 42° end	--	35° - 39° end	--	38° - 42° end	--	35° - 39° end	--	38° - 42° end	--
3000 rpm		38° - 42°		29° - 33°		38° - 42°		29° - 33°		30° - 34°
3500 rpm		40° - 44°		33° - 37° end		40° - 44°		33° - 37° end		31° - 35° end
3800 rpm		42° - 46° end		42° - 46° end		42° - 46° end				
Max. adjustment range degrees at crankshaft	40° ± 2°	44° ± 2°	37° ± 2°	35° ± 2°	40° ± 2°	44° ± 2°	37° ± 2°	35° ± 2°	40° ± 2°	33° ± 2°
Vacuum advance										
Basins: mm HG	120 - 150	without	without	120 - 150	without	without	without	120 - 150	80	
Ends: mm HG	195 - 210			195 - 210				195 - 210	325	
Adjustment range	10°			10°				10°	14°	

* The distributors 0 231 115 071 and 0 231 115 072 require no maintenance. Up to now they have been supplied under the type designations 0 231 115 045 and 0 231 115 048.
Advance data and dwell angles remain unchanged.
by/en



SERVICE INFORMATION

Techn. Customer Service
VKT 10 ko/wi-ba

BMW 2500
Group: Electrical equipm.

München, March 1969
No. 3/69 (516)en.

Re: Wiring loom isolation

Dear Sirs,

To avoid a short circuit through the cable clips in the engine compartment and possible consequent troubles, on all BMW 2500 till chassis number

2 005 173 included

the following operations are to be carried out (see sketch on overleaf):

The wiring loom on the left wheel housing in the engine compartment is to be removed from the 3 front metal clips (1). Place the 3 lengthwise cutopen PVC isolating hoses (3), inner diameter 20 mm, length 30 mm, at the level of the clips (1) from above round the wiring loom. Press the wiring loom carefully into the front clips, (1).

To isolate the wiring loom on the dashboard, raise the wiring loom out of the clip (2) operating from car under-side, place a PVC insulating hose (3), as described above, round the wiring loom and repush them into the clip (2).

We ask you to immediately check all vehicles serviced by you and comprised by the abovementioned chassis number circle and if necessary to transform accordingly.

Required labour: 4 FR

Very truly yours,
BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

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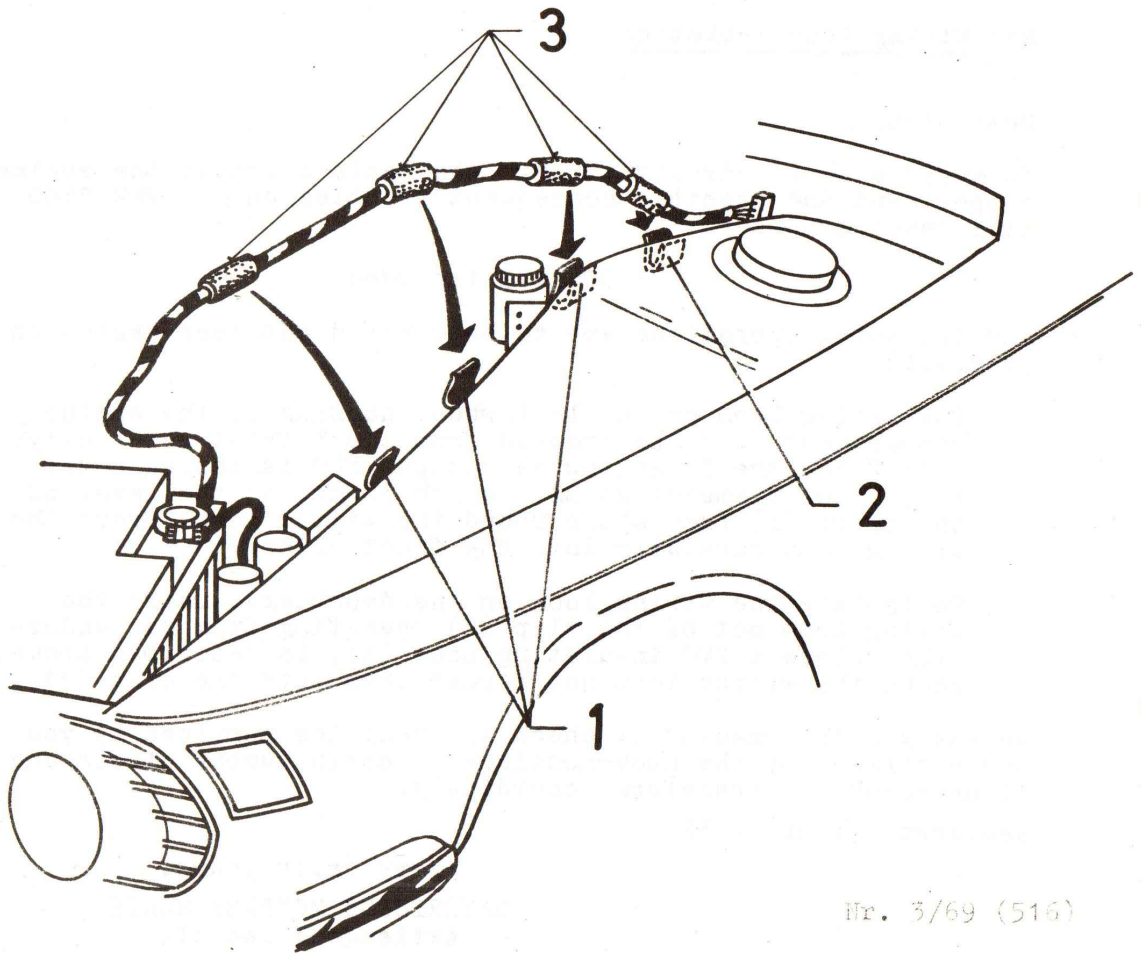
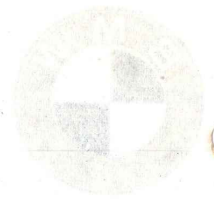
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Sketch on overleaf

Delleske

Bennwitz

Kenntnis genommen — Pris connaissance — Noted — Tomado nota — Preso conoscenza					Ablage — Archives — File — Archivo		
Betriebsleitung Direction Management Dirección Direzione	Werkstatt Atelier Workshop Taller Officina	KD-Annahme Réception clientèle Cust. reception Recepción clientela Recezione clienti	Gewährl.-Sachb. Inspecteur garanti- Warranty inspector Inspector garantía Ispettore garanzia	1-Teildienst Service pièces détachées Spare parts service Servicio de recambios Servizio ricambi	Betriebsleitung Direction Management Dirección Direzione	Werkstatt Atelier Workshop Taller Officina	



Mr. 3/69 (516)