

**Fahrzeugteil** : Bremsscheiben für Krad  
**Typ** : MSW-2  
**Hersteller** : ZF Friedrichshafen AG

**Prüfbericht**

gemäß §22 StVZO in Verbindung mit §20 StVZO

## Genehmigungsstand,

EU- Typgenehmigung : ---  
 UNECE Genehmigung : ---  
 Nationale Genehmigung : 61225\*06

Gliederung des Prüfberichts,  
Absatz- Nr.

0	Allgemeine Angaben
1	Prüfobjekt
2	Prüfprotokoll
3	Anlagen
4	Schlussbescheinigung

Dieser Prüfbericht darf nur vom Auftraggeber und nur in vollem Wortlaut vervielfältigt und veröffentlicht werden.  
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 Genehmigung des Technischen Dienstes zulässig.

**Fahrzeugteil** : Bremsscheiben für Krad  
**Typ** : MSW-2  
**Hersteller** : ZF Friedrichshafen AG

**0 Allgemeine Angaben**

0.1 Fabrikname: ZF  
 0.2 Typ: MSW-2  
 0.3 Fahrzeugklasse: entfällt  
 0.4 Name und Anschrift des Herstellers: ZF Friedrichshafen AG  
 Löwentalerstraße 20  
 D-88046 Friedrichshafen  
 0.5 Beschreibungsbogen-Nr.: entfällt

**1 Prüfobjekt**

## 1.1 Beschreibung

1.1.1 Objekt: Schwimmende Austausch-Bremsscheiben zur Verwendung  
 an Krafträdern in verschiedenen Ausführungen und  
 Varianten

Typ: MSW-2

Varianten: RAC, VS  
 (glatte, unterbrochene oder wellenförmige Außenkonturen,  
 siehe Zeichnungen Anlage 3/06)

Abmessungen der neue Ausf.: Siehe Zeichnungsanlage 3/06

Befestigung: Die Befestigung erfolgt an den serienmäßig vom  
 Fahrzeughersteller vorgesehenen Befestigungspunkten

Verwendete Werkstoffe: X12Cr13 (1Cr13)

Kennzeichnung:  
 Handelsmarke  
 Typ  
 Ausführung, z.B.  
 Typzeichen

TRW oder Lucas
MSW-2
MSW320
KBA 61225

Art / Ort der Kennzeichnung: Scheibenaußenseite, auf den Stegen verteilt

## 1.2 Auswahl des ungünstigsten Falles:

Es wurden Bremsenprüfungen an ausgewählten Krafträder  
 der Kategorien Supersport, Touring, Enduro, Cruiser und  
 Roller durchgeführt.

Hersteller	Handelsbezeichnung	Typ (Ausf.)	ABE/ EG- BE	Baujahr	Art.-Nr.	Variante
Ducati	1200 Monster S	MB	e49*0007*	19-	MSW497	
Ducati	1200 Multistrada	A2	e3*0563*	10-12	MSW285RAC	
Ducati	1200 Multistrada S Pikes Peak	A2	e3*0563*	11-12	MSW285RAC	
Ducati	1200 Multistrada S Sport, S Tour.	A2	e3*0563*	10-12	MSW285RAC	
Ducati	1200 Multistrada, S, PP, S PP D-Air	A3	e24*0139*	13-14	MSW285RAC	
Ducati	1200 Multistrada S GT D-Air	A3	e24*0139*	13-14	MSW285RAC	
Ducati	1200 Multistrada, S, PP, D-Air, End.	AA	e3*00001 (VO)	15-18	MSW285RAC	
Ducati	1200 Multistrada, S, PP, D-Air, End.	AA	e3*00002 (VO)	15-18	MSW285RAC	
Ducati	1200 Multistrada Enduro, -Pro	AB	e3*00003 (VO)	16-18	MSW285RAC	
Ducati	1260 Multistrada, S, PP, D-Air	AC	e3*00010 (VO)	18-	MSW285RAC	
Ducati	1260 Multistrada S, PP	AC	e3*00010 (VO)	19-	MSW497	
Ducati	1260 Multistrada Enduro	AC	e3*00010 (VO)	19-	MSW285RAC	
Ducati	1260 Diavel, S	GE	e49*00044 (VO)	19-	MSW285RAC	
Ducati	1262 Xdiavel, Xdiavel S	GA	e49*00009 (VO)	16-	MSW285RAC	
Ducati	1262 Xdiavel, Xdiavel S	GA	e49*00011 (VO)	16-	MSW285RAC	
Ducati	1262 Xdiavel	GB	e49*00010 (VO)	16-	MSW285RAC	
Ducati	1299 Panigale, R, S	H9	e49*0001*	15-17	MSW280RAC	
Generic	GR5	600	---	EBE	13-	MSW211 RAC
Harley Davidson	XL 883 C Sportster Custom	XL1	e4*0028*	99-02	MSW500	VS
Harley Davidson	XL 883 R	XL1	e4*0028*	02-03	MSW500	VS
Harley Davidson	XL 883 C Sportster Custom	XL2	e4*0208*	03-10	MSW500	VS
Harley Davidson	XL 883 L Sportster Low	XL2	e4*0208*	07-10	MSW500	VS
Harley Davidson	XL 883 L Superlow	XL2	e4*0208*	11-13	MSW500	VS
Harley Davidson	XL 883 L Superlow	XL2	e4*0208*	14-15	MSW504	
Harley Davidson	XL 883 N Iron	XL2	e4*0208*	09-13	MSW500	VS
Harley Davidson	XL 883 R Roadster	XL2	e4*0208*	10-13	MSW500	VS
Harley Davidson	XL 883 Sportster	XL2	e4*0208*	04-09	MSW500	VS
Harley Davidson	XLH 883 Sportster	XL/2	C560	84-99	MSW512	-
Harley Davidson	XLH 883 Sportster (Custom)	XL/2	C560	99	MSW512	-
Harley Davidson	XLH 883 Sportster (Deluxe)	XL/2	C560	88-95	MSW512	-
Harley Davidson	XLH 883 Sportster (Hugger)	XL/2	C560	88-99	MSW512	-
Harley Davidson	XLH 883 Sportster	XL1	e4*0028*	99-03	MSW500	VS
Harley Davidson	XLH 883 Sportster Hugger	XL1	e4*0028*	00-03	MSW500	VS
Harley Davidson	XLS 1000 Roadster	XL/2	C560	84-85	MSW512	-
Harley Davidson	XLX 1000 Sportster	XL/2	C560	84-86	MSW512	-
Harley Davidson	XR 1000 Sportster	XL/2	C560	84-85	MSW512	-
Harley Davidson	XLH 1100 Sportster (Evolution)	XL/2	C560	86-87	MSW512	-
Harley Davidson	XL 1200 C Custom	XL2	e4*0208*	03-	MSW500	VS
Harley Davidson	XL 1200 C Custom	XL2	e4*0208*	14-	MSW504	
Harley Davidson	XL 1200 C Custom	XL2-R	e4*00022 (VO)	17-	MSW504	
Harley Davidson	XL 1200 CX (Roadster)	XL2	e4*00021 (VO)	16-	MSW504	
Harley Davidson	XL 1200 CX (Roadster)	XL2-R	e4*00022 (VO)	17-	MSW504	
Harley Davidson	XL 1200 L Sportster Low	XL2	e4*0208*	07-10	MSW500	VS
Harley Davidson	XL 1200 NS, XS	XL2-R	e4*00022 (VO)	17-	MSW500	VS
Harley Davidson	XL 1200 N Nightster	XL2	e4*0208*	07-12	MSW500	VS
Harley Davidson	XL 1200 NS (Iron)	XL2	e4*00021 (VO)	18-	MSW504	
Harley Davidson	XL 1200 R (Roadster)	XL2	e4*0208*	04-08	MSW500	VS
Harley Davidson	XL 1200 Roadster, 48,Cust,Superlow	XL2	e4*00021 (VO)	17-	MSW500	VS
Harley Davidson	XL 1200 S Sportster Sport	XL1	e4*0028*	99-02	MSW500	VS
Harley Davidson	XL 1200 Superlow 1200T	XL2	e4*0208*	14-	MSW504	
Harley Davidson	XL 1200 Superlow 1200T	XL2	e4*00021 (VO)	16-	MSW504	
Harley Davidson	XL 1200 Superlow 1200T	XL2-R	e4*00022 (VO)	17-	MSW504	
Harley Davidson	XL 1200 Superlow 1200T	XL2	e4*0208*	10-13	MSW500	VS
Harley Davidson	XL 1200 X Forty-Eight	XL2	e4*0208*	14-	MSW504	
Harley Davidson	XL 1200 X Forty-Eight	XL2	e4*00021 (VO)	18-	MSW504	
Harley Davidson	XLH 1200 Sportster	XL/2	C560	84-99	MSW512	-
Harley Davidson	XLH 1200 Sportster (Sport)	XL/2	C560	96-99	MSW512	-
Harley Davidson	XLH 1200 Sportster (Custom)	XL/2	C560	96-99	MSW512	-
Harley Davidson	XL 1200 V Seventy-Two	XL2	e4*0208*	12-13	MSW500	-
Harley Davidson	FLHR 1340 Road King	FLT	C559	95-99	MSW512	-
Harley Davidson	FLHRCI 1340 Road King Classic Injektion	FLT	C559	98-99	MSW512	-

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Harley Davidson	FLHRI 1340 Road King Injektion	FLT	C559	96-97	MSW512	-
Harley Davidson	FLH 1340 Electra Glide	FLT	C559	84-85	MSW512	-
Harley Davidson	FLHS 1340 Electra Glide Sport	FLT	C559	87-93	MSW512	-
Harley Davidson	FLHT 1340 Electra Glide Standard	FLT	C559	86-99	MSW512	-
Harley Davidson	FLHTC 1340 Electra Glide Classic	FLT	C559	84-99	MSW512	-
Harley Davidson	FLHTCI 1340 Electra Glide Classic Injektion	FLT	C559	96-99	MSW512	-
Harley Davidson	FLHTCU 1340 Electra Glide Ultra Classic	FLT	C559	91-97	MSW512	-
Harley Davidson	FLHTCUI 1340 Electra Glide Ultra Classic Inj.	FLT	C559	95-99	MSW512	-
Harley Davidson	FLSTC 1340 Softail Heritage Classic	FXST	0312	88-99	MSW512	-
Harley Davidson	FLSTF 1340 Softail Fat Boy	FXST	0312	90-99	MSW512	-
Harley Davidson	FLSTN 1340 Softail Heritage Special Nost.	FXST	0312	93	MSW512	-
Harley Davidson	FLSTS 1340 Softail Heritage Springer	FXST	0312	97-99	MSW512	-
Harley Davidson	FLTC 1340 Tour Glide Classic	FLT	C559	84-91	MSW512	-
Harley Davidson	FLTCU 1340 Tour Glide Ultra Classic	FLT	C559	89-95	MSW512	-
Harley Davidson	FLTCUI 1340 Tour Glide Ultra Classic Inj.	FLT	C559	96	MSW512	-
Harley Davidson	FLTR 1340 Road Glide	FLT	C559	98-99	MSW512	-
Harley Davidson	FLTRCI 1340 Road Glide Classic Injektion	FLT	C559	99	MSW512	-
Harley Davidson	FLTRI 1340 Road Glide Injektion	FLT	C559	98-99	MSW512	-
Harley Davidson	FXD 1340 Dyna Super Glide	FXD	F695	95-99	MSW512	-
Harley Davidson	FXDB 1340 Dyna Glide Daytona	FXD	F695	92	MSW512	-
Harley Davidson	FXDBD 1340 Dyna Sturgis	FXD	F695	91-92	MSW512	-
Harley Davidson	FXDC 1340 Dyna Glide Custom	FXD	F695	92	MSW512	-
Harley Davidson	FXDL 1340 Dyna Low Rider	FXD	F695	93-99	MSW512	-
Harley Davidson	FXDS-CON 1340 Dyna Convertible	FXD	F695	90-99	MSW512	-
Harley Davidson	FXDWG 1340 Dyna Wild Glide	FXD	F695	93-99	MSW512	-
Harley Davidson	FXLR 1340 Low Rider Custom	FXR	C456	87-94	MSW512	-
Harley Davidson	FXR 1340 Super Glide	FXR	C456	86-94	MSW512	-
Harley Davidson	FXRC 1340 Low Rider Chrome	FXR	C456	87	MSW512	-
Harley Davidson	FXRD 1340 Sport Glide Grand Tour. Edit.	FXR	C456	86	MSW512	-
Harley Davidson	FXRDG 1340 Disc Glide	FXR	C456	84	MSW512	-
Harley Davidson	FXRS 1340 Low Glide	FXR	C456	84-85	MSW512	-
Harley Davidson	FXRS 1340 Low Rider	FXR	C456	84-92	MSW512	-
Harley Davidson	FXRS-CON 1340 Low Rider Convertible	FXR	C456	86-93	MSW512	-
Harley Davidson	FXRS-SP 1340 Low Rider Sport Edition	FXR	C456	86-93	MSW512	-
Harley Davidson	FXRT 1340 Sport Glide	FXR	C456	84-92	MSW512	-
Harley Davidson	FXST 1340 Softail	FXST	0312	84-99	MSW512	-
Harley Davidson	FXSTB 1340 Softail Night Train	FXST	0312	98-99	MSW512	-
Harley Davidson	FXSTC 1340 Softail Custom	FXST	0312	84-99	MSW512	-
Harley Davidson	FXSTS 1340 Softail Springer	FXST	0312	88-99	MSW512	-
Harley Davidson	FXSTSB 1340 Softail Bad Boy	FXST	0312	95-97	MSW512	-
Harley Davidson	FXWSG 1340 Wide Glide	FXWG	C317	81-86	MSW512	-
Harley Davidson	FLHR 1450 Road King	FL1	e4*0030*	99-03	MSW500	VS
Harley Davidson	FLHRI 1450 Road King	FL1	e4*0030*	04-06	MSW500	VS
Harley Davidson	FLHRCI 1450 Road King Classic	FL1	e4*0030*	99-06	MSW500	VS
Harley Davidson	FLHRSI 1450 Road King Custom	FL1	e4*0030*	99-07	MSW500	VS
Harley Davidson	FLHT 1450 Electra Glide Standard	FL1	e4*0030*	99-03	MSW500	VS
Harley Davidson	FLHTI 1450 Electra Glide Standard	FL1	e4*0030*	04-06	MSW500	VS
Harley Davidson	FLHTCU 1450 Electra Glide Ultra Classic	FL1	e4*0030*	99-07	MSW500	VS
Harley Davidson	FLSTC 1450 Heritage Softail Classic	FS2	e4*0002*	99-02	MSW500	VS
Harley Davidson	FLSTCI 1450 Heritage Softail Classic	FS2	e4*0002*	00-03	MSW500	VS
Harley Davidson	FLSTF 1450 Fat Boy	FS2	e4*0002*	01-06	MSW500	VS
Harley Davidson	FLSTFI 1450 Fat Boy	FS2	e4*0002*	00-03	MSW500	VS
Harley Davidson	FLSTS 1450 Heritage Springer	FS2	e4*0002*	01-06	MSW500	VS
Harley Davidson	FLTRI 1450 Road Glide Classic	FL1	e4*0030*	99-03	MSW500	VS
Harley Davidson	FXD 1450 Dyna Super Glide	FD1	e4*0029*	99-07	MSW500	VS
Harley Davidson	FXD 1450 Super Glide	FL1	e4*0030*	00-03	MSW500	VS
Harley Davidson	FXDCI 1450 Dyna Super Glide Custom	FD2	e4*0029*	05-06	MSW500	VS
Harley Davidson	FXDI 1450 Dyna Super Glide	FD1	e4*0029*	04	MSW500	VS
Harley Davidson	FXDI 1450 Super Glide Anniversary	FD2	e4*0029*	04-07	MSW500	VS
Harley Davidson	FXDL 1450 Dyna Low Rider	FD1	e4*0029*	99-03	MSW500	VS
Harley Davidson	FXDLU 1450 Dyna Low Rider	FD2	e4*0029*	04-06	MSW500	VS
Harley Davidson	FXDS 1450 Dyna Convertible	FD1	e4*0029*	99-02	MSW500	VS

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Harley Davidson	FXDWG	1450	Dyna Wide Glide	FD1	e4*0029*	99-03 MSW500 VS
Harley Davidson	FXDX	1450	Dyna Super Glide Sport	FD1	e4*0029*	99-03 MSW500 VS
Harley Davidson	FXDXI	1450	Dyna Super Glide Sport	FD1	e4*0029*	04-05 MSW500 VS
Harley Davidson	FXDXT	1450	Dyna Super Glide Tour Sport	FD1	e4*0029*	01-03 MSW500 VS
Harley Davidson	FXST	1450	Softtail Standard	FS2	e4*0002*	00-03 MSW500 VS
Harley Davidson	FXSTB	1450	Night Train	FS2	e4*0002*	00-04 MSW500 VS
Harley Davidson	FXSTB	1450	Night Train	FS2	e4*0002*	04-06 MSW500 VS
Harley Davidson	FXSTD	1450	Softtail Deuce	FS2	e4*0002*	00-03 MSW500 VS
Harley Davidson	FXSTDI	1450	Softtail Deuce	FS2	e4*0002*	01-04 MSW500 VS
Harley Davidson	FLHR	1584	Road King	FL1	e4*0030*	07 MSW500 VS
Harley Davidson	FLHR	1584	Road King	FL1	e4*0030*	08-10 MSW510
Harley Davidson	FLHR	1584	Road King	FL1	e4*0030*	08-10 MSW504
Harley Davidson	FLHR	1584	Road King Classic	FL1	e4*0030*	07 MSW500 VS
Harley Davidson	FLHRC	1584	Road King Classic	FL1	e4*0030*	08-11 MSW510
Harley Davidson	FLHRC	1584	Road King Classic	FL1	e4*0030*	08-11 MSW504
Harley Davidson	FLHT	1584	Electra Glide Standard	FL1	e4*0030*	07 MSW500 VS
Harley Davidson	FLHT	1584	Electra Glide Standard	FL1	e4*0030*	08-10 MSW510
Harley Davidson	FLHT	1584	Electra Glide Standard	FL1	e4*0030*	08-10 MSW504
Harley Davidson	FLHTC	1584	Electra Glide Classic	FL1	e4*0030*	08-10 MSW510
Harley Davidson	FLHTC	1584	Electra Glide Classic	FL1	e4*0030*	08-10 MSW504
Harley Davidson	FLHTCU	1584	Ultra Classic Electra Glide	FL1	e4*0030*	08-10 MSW510 VS
Harley Davidson	FLHTCU	1584	Ultra Classic Electra Glide	FL1	e4*0030*	08-10 MSW510
Harley Davidson	FLHTCU	1584	Ultra Classic Electra Glide	FL1	e4*0030*	09-10 MSW504
Harley Davidson	FLHTCU	1584	Electra Glide Ultra Limited	FL1	e4*0030*	08-10 MSW 510
Harley Davidson	FLHTK	1584	Electra Glide Ultra Limited	FL1	e4*0030*	08-10 MSW 504
Harley Davidson	FLHX	1584	Street Glide	FL1	e4*0030*	06-07 MSW 510 VS
Harley Davidson	FLHX	1584	Street Glide	FL1	e4*0030*	08-10 MSW 510
Harley Davidson	FLHX	1584	Street Glide	FL1	e4*0030*	08-10 MSW 504
Harley Davidson	FLSTC	1584	Heritage Softail Classic	FS2	e4*0002*	07-11 MSW500 VS
Harley Davidson	FLSTF	1584	Fat Boy	FS2	e4*0002*	07-11 MSW500 VS
Harley Davidson	FLSTFB	1584	Fat Boy Special	FS2	e4*0002*	07-11 MSW500 VS
Harley Davidson	FLSTN	1584	Softail Deluxe	FS2	e4*0002*	08-11 MSW500 VS
Harley Davidson	FLSTSB	1584	Cross Bones	FS2	e4*0002*	08-11 MSW510 VS
Harley Davidson	FLTR	1584	Road Glide	FL2	e4*1918*	08-10 MSW 510
Harley Davidson	FLTR	1584	Road Glide	FL2	e4*1918*	08-10 MSW 504
Harley Davidson	FLTRU	1584	Road Glide Custom	FL2	e4*1918*	11-13 MSW 510
Harley Davidson	FLTRU	1584	Road Glide Custom	FL2	e4*1918*	11-13 MSW 504
Harley Davidson	FLTRX	1584	Road Glide Ultra	FL2	e4*1918*	11-13 MSW 510
Harley Davidson	FLTRX	1584	Road Glide Ultra	FL2	e4*1918*	11-13 MSW 504
Harley Davidson	FXCW	1584	Softail Rocker	FS2	e4*0002*	08-09 MSW500 VS
Harley Davidson	FXCWC	1584	Softail Rocker C	FS2	e4*0002*	08-11 MSW500 VS
Harley Davidson	FXDB	1584	Dyna Street Bob	FD2	e4*0414*	07-13 MSW509
Harley Davidson	FXDB	1584	Dyna Street Bob	FD2	e4*0414*	07-13 MSW510
Harley Davidson	FXDC	1584	Dyna Super Glide Custom	FD2	e4*0414*	07-11 MSW509
Harley Davidson	FXDC	1584	Dyna Super Glide Custom	FD2	e4*0414*	07-11 MSW510
Harley Davidson	FXDF	1584	Dyna Fat Bob	FD2	e4*0414*	08-12 MSW509
Harley Davidson	FXDF	1584	Dyna Fat Bob	FD2	e4*0414*	08-12 MSW510
Harley Davidson	FXDL	1584	Dyna Low Rider	FD2	e4*0414*	07-09 MSW509
Harley Davidson	FXDL	1584	Dyna Low Rider	FD2	e4*0414*	07-09 MSW510
Harley Davidson	FXDWG	1584	Dyna Wide Glide	FD2	e4*0414*	10-17 MSW509
Harley Davidson	FXDWG	1584	Dyna Wide Glide	FD2	e4*0414*	10-17 MSW510
Harley Davidson	FXS	1584	Softail Black Line	FS2	e4*0002*	11- MSW500 VS
Harley Davidson	FXSTB	1584	Night Train	FS2	e4*0002*	07-09 MSW500 VS
Harley Davidson	FXSTBC	1584	Night Creeper	FS2	e4*0002*	07-09 MSW500 VS
Harley Davidson	FXSTC	1584	Softail Custom	FS2	e4*0002*	07-09 MSW500 VS
Harley Davidson	FLD	1690	Dyna Switchback	FD2	e4*0414*	12-16 MSW510
Harley Davidson	FLD	1690	Dyna Switchback	FD2	e4*0414*	12-16 MSW504
Harley Davidson	FLDE	1690	Softail Deluxe	FS2	e4*0002* (VO)	18- MSW510
Harley Davidson	FLFB	1690	Fat Boy	FS2	e4*0002* (VO)	18- MSW510
Harley Davidson	FLFB	1690	Fat Boy	FS2	e4*0002* (VO)	18- MSW504
Harley Davidson	FLHR	1690	Road King ABS	FL3	e4*2934*	11-16 MSW510
Harley Davidson	FLHR	1690	Road King ABS	FL3	e4*2934*	11-16 MSW504

Hersteller	Handelsbezeichnung	Typ (Ausf.)	ABE/ EG- BE	Baujahr	Art.-Nr.	Variante
Harley Davidson	FLHRC	1690	Road King Classic ABS	FL3	e4*1918*	11-16 MSW510
Harley Davidson	FLHRC	1690	Road King Classic ABS	FL3	e4*1918*	11-16 MSW504
Harley Davidson	FLHTC	1690	Electra Glide Classic	FL2	e4*1918*	11-12 MSW510
Harley Davidson	FLHTC	1690	Electra Glide Classic	FL2	e4*1918*	11-12 MSW504
Harley Davidson	FLHTCU	1690	Electra Glide Ultra Classic	FL2	e4*1918*	11-16 MSW510
Harley Davidson	FLHTCU	1690	Electra Glide Ultra Classic	FL2	e4*1918*	11-16 MSW504
Harley Davidson	FLHTCUL	1690	Electra Glide Ultra Clas. Low	FL3	e4*2934*	15-16 MSW510
Harley Davidson	FLHTCUL	1690	Electra Glide Ultra Clas. Low	FL3	e4*2934*	15-16 MSW504
Harley Davidson	FLHTCUTG	1690	Tri Glide Ultra	TG1	e4*1918*	11-13 MSW510
Harley Davidson	FLHTCUTG	1690	Tri Glide Ultra	TG1	e4*1918*	14-16 MSW504
Harley Davidson	FLHTK	1690	Electra Glide Ultra Limited	FL3	e4*1918*	14-16 MSW510
Harley Davidson	FLHTK	1690	Electra Glide Ultra Lim.	FL3	e4*1918*	14-16 MSW504
Harley Davidson	FLHTKL	1690	Electra Glide Ultra Lim. Low	FL3	e4*2934*	15-16 MSW510
Harley Davidson	FLHTKL	1690	Electra Glide Ultra Lim. Low	FL3	e4*2934*	15-16 MSW504
Harley Davidson	FLHX	1690	Street Glide	FL2	e4*1918*	11-13 MSW510
Harley Davidson	FLHX	1690	Street Glide	FL2	e4*1918*	11-13 MSW504
Harley Davidson	FLHX	1690	Street Glide	FL3	e4*2934*	14-16 MSW510
Harley Davidson	FLHX	1690	Street Glide	FL3	e4*2934*	14-16 MSW504
Harley Davidson	FLHXS	1690	Street Glide Special	FL3	e4*2934*	14-16 MSW510
Harley Davidson	FLHXS	1690	Street Glide Special	FL3	e4*2934*	14-16 MSW504
Harley Davidson	FLHXXX	1690	Street Glide Trike	FL2	e4*1918*	10- MSW510
Harley Davidson	FLRT	1690	Freewheeler	TG1	e4*00025 (VO)	16- MSW504
Harley Davidson	FLS	1690	Softail Slim, ABS	FS2	e4*0002*	12- MSW500 VS
Harley Davidson	FLSTC	1690	Heritage Softail Classic	FS2	e4*0002*	12- MSW500 VS
Harley Davidson	FLSTF	1690	Softail Fat Boy	FS2	e4*0002*	12- MSW500 VS
Harley Davidson	FLSTFB	1690	Softail Fat Boy Special	FS2	e4*0002*	12- MSW500 VS
Harley Davidson	FLSTN	1690	Softail Deluxe, ABS	FS2	e4*0002*	12- MSW500 VS
Harley Davidson	FLSTN	1690	Softail Deluxe	FS2	e4*0002* (VO)	18- MSW504
Harley Davidson	FLTRX	1690	Road Glide	FL3	e4*2924*	15-16 MSW510
Harley Davidson	FLTRX	1690	Road Glide	FL3	e4*2924*	15-16 MSW504
Harley Davidson	FLTRX	1690	Road Glide Special	FL3	e4*2924*	15-16 MSW510
Harley Davidson	FLTRX	1690	Road Glide Special	FL3	e4*2924*	15-16 MSW504
Harley Davidson	FXDB	1690	Dyna Street Bob	FD2	e4*0414*	14-16 MSW510
Harley Davidson	FXDB	1690	Dyna Street Bob	FD2	e4*0414*	14-16 MSW504
Harley Davidson	FXDL	1690	Dyna Low Rider	FD2	e4*0414*	14-16 MSW510
Harley Davidson	FXDL	1690	Dyna Low Rider	FD2	e4*0414*	14-16 MSW504
Harley Davidson	FLDE	1750	Softail Deluxe	ST1	e4*00062 (VO)	18- MSW510
Harley Davidson	FLDE	1750	Softail Deluxe	ST1	e4*00062 (VO)	18- MSW504
Harley Davidson	FLFB	1750	Softail Fat Boy	ST1	e4*00062 (VO)	18- MSW510
Harley Davidson	FLFB	1750	Softail Fat Boy	ST1	e4*00062 (VO)	18- MSW504
Harley Davidson	FLHC	1750	Heritage Classic	ST1	e4*00062 (VO)	18- MSW504
Harley Davidson	FLHC	1750	Softail Heritage Classic	FS2	e4*00017 (VO)	18- MSW510
Harley Davidson	FLHR	1750	Road King	FL3	e4*00016 (VO)	17- MSW510
Harley Davidson	FLHR	1750	Road King	FL3	e4*00016 (VO)	17- MSW504
Harley Davidson	FLHRXS	1750	Road King Special	FL3	e4*00016 (VO)	17- MSW510
Harley Davidson	FLHRXS	1750	Road King Special	FL3	e4*00016 (VO)	17- MSW504
Harley Davidson	FLHTCU	1750	Electra Glide Ultra Classic	FL3	e4*00016 (VO)	17- MSW510
Harley Davidson	FLHTCU	1750	Electra Glide Ultra Classic	FL3	e4*00016 (VO)	17- MSW504
Harley Davidson	FLHTCUTG	1750	Tri Glide Ultra	TG1	e4*00025 (VO)	17- MSW510
Harley Davidson	FLHTCUTG	1750	Tri Glide Ultra	TG1	e4*00025 (VO)	17- MSW504
Harley Davidson	FLHTK	1750	Electra Glide Ultra Limited	FL3	e4*00016 (VO)	17- MSW510
Harley Davidson	FLHTK	1750	Electra Glide Ultra Limited	FL3	e4*00016 (VO)	17- MSW504
Harley Davidson	FLHTKL	1750	Electra Glide Ultra Lim. Low	FL3	e4*00016 (VO)	17- MSW510
Harley Davidson	FLHTKL	1750	Electra Glide Ultra Lim. Low	FL3	e4*00016 (VO)	17- MSW504
Harley Davidson	FLHX	1750	Street Glide	FL3	e4*00016 (VO)	17- MSW510
Harley Davidson	FLHX	1750	Street Glide	FL3	e4*00016 (VO)	17- MSW504
Harley Davidson	FLHXS	1750	Street Glide Special	FL3	e4*00016 (VO)	17- MSW510
Harley Davidson	FLHXS	1750	Street Glide Special	FL3	e4*00016 (VO)	17- MSW504
Harley Davidson	FLRT	1750	Freewheeler	TG1	e4*00025 (VO)	17- MSW510
Harley Davidson	FLRT	1750	Freewheeler	TG1	e4*00025 (VO)	17- MSW504
Harley Davidson	FLSB	1750	Sport Glide	ST1	e4*00062 (VO)	17- MSW510
Harley Davidson	FLSB	1750	Sport Glide	ST1	e4*00062 (VO)	17- MSW504
Harley Davidson	FLTRU	1750	Road Glide Ultra	FL3	e4*00016 (VO)	17- MSW510

Hersteller	Handelsbezeichnung	Typ (Ausf.)	ABE/ EG- BE	Baujahr	Art.-Nr.	Variante	
Harley Davidson	FLTRU 1750	Road Glide Ultra	FL3	e4*00016 (VO)	17-	MSW504	
Harley Davidson	FLTRX 1750	Road Glide	FL3	e4*00016 (VO)	17-	MSW510	
Harley Davidson	FLTRX 1750	Road Glide	FL3	e4*00016 (VO)	17-	MSW504	
Harley Davidson	FLTRXS 1750	Road Glide Special	FL3	e4*00016 (VO)	17-	MSW510	
Harley Davidson	FLTRXS 1750	Road Glide Special	FL3	e4*00016 (VO)	17-	MSW504	
Harley Davidson	FXBB 1750	Softail Street Bob	ST1	e4*00062 (VO)	17-	MSW510	
Harley Davidson	FXBB 1750	Softail Street Bob	ST1	e4*00062 (VO)	17-	MSW504	
Harley Davidson	FXBR 1750	Softail Breakout	ST1	e4*00062 (VO)	18-	MSW510	
Harley Davidson	FXBR 1750	Softail Breakout	ST1	e4*00062 (VO)	18-	MSW504	
Harley Davidson	FXOB 1750	Dyna Street Bob	FD2	e4*00019 (VO)	17-	MSW510	
Harley Davidson	FXOB 1750	Dyna Street Bob	FD2	e4*00019 (VO)	17-	MSW504	
Harley Davidson	FXOB 1750	Dyna Street Bob	FD2-R	e4*00020 (VO)	17-	MSW510	
Harley Davidson	FXOB 1750	Dyna Street Bob	FD2-R	e4*00020 (VO)	17-	MSW504	
Harley Davidson	FXDL 1750	Dyna Low Rider	FD2	e4*00019 (VO)	17-	MSW510	
Harley Davidson	FXDL 1750	Dyna Low Rider	FD2	e4*00019 (VO)	17-	MSW504	
Harley Davidson	FXDL 1750	Dyna Low Rider	FD2-R	e4*00020 (VO)	17-	MSW510	
Harley Davidson	FXDL 1750	Dyna Low Rider	FD2-R	e4*00020 (VO)	17-	MSW504	
Harley Davidson	FXDLS 1800	Dyna Low Rider S	FD2-R	e4*00020 (VO)	16-17	MSW510	
Harley Davidson	FXDLS 1800	Dyna Low Rider S	FD2-R	e4*00020 (VO)	16-17	MSW504	
Harley Davidson	FXFB 1750	Softail Fat Bob	ST1	e4*00062 (VO)	18-	MSW510	
Harley Davidson	FXFB 1750	Softail Fat Bob	ST1	e4*00062 (VO)	18-	MSW504	
Harley Davidson	FXLR 1750	Softail Low Rider	ST1	e4*00062 (VO)	18-	MSW510	
Harley Davidson	FXLR 1750	Softail Low Rider	ST1	e4*00062 (VO)	18-	MSW504	
Harley Davidson	FLHTKSE 1800	CVO Limited	FL3	e4*2924*	14-16	MSW510	
Harley Davidson	FLHTKSE 1800	CVO Limited	FL3	e4*2924*	14-16	MSW504	
Harley Davidson	FLHXSE 1800	CVO Street Glide	FL3	e4*2924*	15-16	MSW510	
Harley Davidson	FLHXSE 1800	CVO Street Glide	FL3	e4*2924*	15-16	MSW504	
Harley Davidson	FLTRUSE 1800	CVO Road Glide Ultra	FL2	e4*1918*	15-16	MSW510	
Harley Davidson	FLTRUSE 1800	CVO Road Glide Ultra	FL2	e4*1918*	15-16	MSW504	
Harley Davidson	FXDSE 1800	CVO Screamin Eagle Dyna	FL2	e4*1918*	07-08	MSW510	
Harley Davidson	FXDSE 1800	CVO Screamin Eagle Dyna	FL2	e4*1918*	07-08	MSW504	
Harley Davidson	FLFBS 1870	Softail Fat Boy 114/Anniv.	ST1	e4*00062 (VO)	18-	MSW510	
Harley Davidson	FLFBS 1870	Softail Fat Boy 114/Anniv.	ST1	e4*00062 (VO)	18-	MSW504	
Harley Davidson	FLHCS 1870	Heritage softail Classic	FS2	e4*00017 (VO)	18-	MSW510	
Harley Davidson	FLHCS 1870	Heritage softail Classic	FS2	e4*00017 (VO)	18-	MSW504	
Harley Davidson	FLHTKSE 1870	CVO Limited	FL3	e4*00016 (VO)	17	MSW510	
Harley Davidson	FLHTKSE 1870	CVO Limited	FL3	e4*00016 (VO)	17	MSW504	
Harley Davidson	FLHXSE 1870	CVO Street Glide	FL3	e4*00016 (VO)	17	MSW510	
Harley Davidson	FLHXSE 1870	CVO Street Glide	FL3	e4*00016 (VO)	17	MSW504	
Harley Davidson	FXBRS 1870	Brakout 114	FS2	e4*00017 (VO)	18-	MSW510	
Harley Davidson	FXBRS 1870	Brakout 114	FS2	e4*00017 (VO)	18-	MSW504	
Harley Davidson	FXDRS 1870	FXDR 114	ST1	e4*00062 (VO)	18-	MSW510	
Harley Davidson	FXDRS 1870	FXDR 114	ST1	e4*00062 (VO)	18-	MSW504	
Harley Davidson	FXFBS 1870	Fat Bob 114	ST1	e4*00062 (VO)	18-	MSW510	
Harley Davidson	FXFBS 1870	Fat Bob 114	ST1	e4*00062 (VO)	18-	MSW504	
Harley Davidson	FLHTKSE 1923	CVO Limited	FL3	e4*00016 (VO)	18-	MSW510	
Harley Davidson	FLHTKSE 1923	CVO Limited	FL3	e4*00016 (VO)	18-	MSW504	
Harley Davidson	FLHXSE 1923	CVO Street Glide	FL3	e4*00016 (VO)	18-	MSW510	
Harley Davidson	FLHXSE 1923	CVO Street Glide	FL3	e4*00016 (VO)	18-	MSW504	
Harley Davidson	FLTRXSE 1923	CVO Road Glide	FL3	e4*00016 (VO)	18-	MSW510	
Harley Davidson	FLTRXSE 1923	CVO Road Glide	FL3	e4*00016 (VO)	18-	MSW504	
Honda	RS 125 R	---	---	EBE	91-94	MSW212 RAC	
Honda	CB 250 F Hornet	MC31	EBE	96-01	MSW212 RAC		
Honda	CB 250 N Euro	CB 250 N	A399	82-84	MSW212 RAC		
Honda	CBR 250 R	MC41	e13*0457*	11-	MSW272 -		
Honda	CBR 250 RA	MC41	e13*0457*	11-	MSW272 -		
Honda	RS 250 R	---	---	EBE	90-97	MSW212 RAC	
Honda	TSR 250	TSR 250	EBE	99-	MSW212 RAC		
Honda	CBF 300 NA (CB300R)	NC55	e13*00368 (VO)	18-	MSW272		
Honda	CBR 300 F	NC51	e13*0673*	14-	MSW272 -		
Honda	CBR 300 R, RA	NC51	e13*0673*	14-	MSW272 -		
Honda	CB 400 N	CB 400 T	A400/1	82-86	MSW212 RAC		

Hersteller	Handelsbezeichnung	Typ (Ausf.)	ABE/ EG- BE	Baujahr	Art.-Nr.	Variante
Honda	CBR 400 R, RR	NC23	EBE	86-87	MSW212 RAC	
Honda	RVF 400 RR	NC35	EBE	94-96	MSW212 RAC	
Honda	VFR 400 R	NC30	EBE	89-91	MSW212 RAC	
Honda	CB 600 F (Hornet)	PC34	K016	98-99	MSW243 -	
Honda	CB 600 F (Hornet)	PC34	e13*0020*	00-02	MSW243 -	
Honda	CB 600 F (Hornet)	PC36	e3*0101*	02-06	MSW243 -	
Honda	CB 600 S (Hornet)	PC34	e13*0020*	00-01	MSW243 -	
Honda	CB 600 S (Hornet)	PC36	e3*0101*	02-06	MSW243 -	
Honda	CB 600 F, FA (Hornet)	PC41	e3*0101*	07-15	MSW283RAC	
Honda	CBF 600 N, S, NA, SA	PC38	e3*0231*	04-07	MSW272 -	
Honda	CBF 600 N, S, NA, SA	PC43	e3*0490*	08-13	MSW272 -	
Honda	CBR 600 F	PC31	H002	95-98	MSW212 RAC	
Honda	CBR 600 F	PC35	K294	99-00	MSW236 -	
Honda	CBR 600 F	PC35	e4*0101*	01-07	MSW244 RAC	
Honda	CBR 600 F, FA	PC41	e3*0454*	11-13	MSW244 RAC	
Honda	CBR 600 RR	PC37	e4*0190*	03-06	MSW240 RAC	
Honda	CBR 600 RR	PC40	e4*1247*	07-16	MSW240 RAC	
Honda	CBR 600 RA	PC40	e4*1247*	09-16	MSW240 RAC	
Honda	NSA 700 A (DN-01)	RC55	e4*1904*	08-11	MSW272 -	
Honda	VFR 750 F	RC36	F373	94-97	MSW212 RAC	
Honda	VFR 800	RC46	e1*0132*	02-09	MSW236 -	
Honda	VFR 800 A	RC46	e1*0132*	06-13	MSW210 RAC	
Honda	VFR 800 FA	RC79	e4*3054*	14-16	MSW229 RAC	
Honda	VFR 800 F	RC93	e13*00042 (VO)	17-	MSW229 RAC	
Honda	VFR 800 X (Crossrunner)	RC60	e4*2673*	11-14	MSW229 RAC	
Honda	VFR 800 X (Crossrunner)	RC80	e4*3110*	15-16	MSW229 RAC	
Honda	VFR 800 X (Crossrunner)	RC94	e13*00041 (VO)	17-	MSW229 RAC	
Honda	900 Hornet	SC48	e13*0051*	02-06	MSW244 RAC	
Honda	900 RR (Fireblade)	SC28	G034	92-93	MSW236 RAC	
Honda	900 RR (Fireblade)	SC28	G034	94-95	MSW212 RAC	
Honda	900 RR (Fireblade)	SC33	H294	96-97	MSW212 RAC	
Honda	900 RR (Fireblade)	SC33	H294	98-99	MSW227 -	
Honda	900 RR (Fireblade)	SC44	e13*0019*	00-01	MSW245 -	
Honda	954 RR (Fireblade)	SC50	e13*0052*	02-03	MSW245 -	
Honda	1000 R, RA	SC60	e3*0373*	06-10	MSW272 -	
Honda	1000 , A	SC58	e4*2395*	10-16	MSW272 -	
Honda	1000 F, FA	SC64	e4*0269*	04-05	MSW240 RAC	
Honda	1000 RR (Fireblade)	SC57	e4*0269*	06-07	MSW254 RAC	
Honda	1000 RR (Fireblade)	SC59	e4*1726*	08-16	MSW265RAC	
Honda	1000 RR (Fireblade)	SC59	e4*1726*	09-16	MSW265RAC	
Honda	1000 RA (Fireblade)	SC77	e4*00054 (VO)	17-	MSW234RAC	
Honda	1000 RA, S1, S2 (Fireblade)	SC82	e4*00126 (VO)	20-	MSW498RAC	
Honda	1000 S1, S2 (CBR1000RR)	SD04	e4*3185*	15-16	MSW230RAC	
Honda	1000 , A, D (Africa Twin)	SD06	e4*00033 (VO)	17-	MSW230RAC	
Honda	1000 A, D, A2, D2 (Africa Twin)	SC36	H687	97-06	MSW212 RAC	
Honda	1000 F (Firestorm)	SC45	e4*0061*	00-01	MSW254 RAC	
Honda	1000 SP1	SC45	e4*0061*	02-07	MSW236 RAC	
Honda	1000 SP2	SC45	e4*0061*	09-00	MSW236 -	
Honda	1000 V Varadero	SD01	e4*0009*	91-00	MSW236 -	
Honda	1000 V Varadero	SD02	e4*0059*	01-10	MSW236 -	
Honda	1000 VA Varadero	SD02	e4*0059*	04-10	MSW210 -	
Honda	1000 VA Varadero	SD03	e9*0421*	11-13	MSW210 -	
Honda	1100 EX, ABS	SC65	e4*2859*	14-16	MSW210 -	
Honda	1100 NA, CA	SC78	e4*00048 (VO)	17-	MSW210 -	
Honda	1100 SF X-11	SC42	EBE	00-03	MSW258RAC	
Honda	1100 XX (Blackbird)	SC35	e13*0043*	99-08	MSW258RAC	
Honda	1100 A, D (Africa Twin)	SD08	e4*00118 (VO)	20-	MSW256 -	
Honda	1100 A2, D2, A4, D4 (Africa Twin)	SD09	e4*00115 (VO)	20-	MSW256 -	
Honda	1200 FA, FAD, DCT	SC63	e4*2383*	10-16	MSW201 -	
Honda	1300 A (Superfour)	SC54	e4*0187*	05-09	MSW240 RAC	
Honda	1300 F	SC54	e4*0187*	03-04	MSW240 RAC	
Honda	1300 S, SA	SC54	e4*0187*	05-13	MSW240 RAC	
Honda	1300 A	SC74	e4*3047*	14-16	MSW284 -	