

How to read References

Come leggere le Referenze



How to read Casco references - ROTATING

References. How to read them?



(1) (2) (3) (4) (5) Let's take the following example: CWM30107GS

CWM 30 1 07 GS

CWM		(1) PRODUCT CLASS	
CAL	ALTERNATORS	CRR	ALTERNATOR REPAIR KITS
CAR	STARTER ARMATURES	CSA	STARTER MULTIPLE DISC CLUTCH
CAS	ALTERNATOR, STARTER (Start&Stop)	CSF	STARTER FIELD WINDINGS
CBE	BEARINGS	CSK	STARTER REPAIR KITS
CBH	BRUSH HOLDERS	CSL	ALTERNATOR ROTOR SLIP RING
CBS	MAIN SWITCH BATTERY	CSO	STARTER SOLENOID SWITCH
CCP	ALTERNATOR PULLEYS	CSR	ALTERNATOR STATORS
CDA	DYNAMO ARMATURES	CST	STARTERS
CDC	PROTECTOR COVERS	CVP	VACUUM PUMP
CDF	DYNAMO FIELD WINDINGS	CWM	WIPER MOTOR
CDR	STARTER PINIONS	CWS	WINDOW WIPER SYSTEM
CDS	DYNASTARTERS	CWT	WIPER LINKAGE
CEM	ELECTRIC MOTOR	CSB	HYDRAULIC PUMP, STEERING SYSTEM
CIM	IGNITION MODULES	CSC	STEERING COLUMN
CIN	INSULATORS	CSP	STEERING RACK
CPT	PULLEY TOOLS		
CRC	ALTERNATOR RECTIFIERS		
CRE	ALTERNATOR REGULATORS		
CRO	ALTERNATOR ROTORS		

30					(2) ORIGINAL TYPE MAKE				
01	21	LETRIKA	41	POONGSUNG	61	81	LAND ROVER-JAGUAR-T		
02	22	EFEL	42	DELPHI	62	82	CHRYSLER-DODGE-JEEP		
03	23	ELMOT	43		63	83	HONDA		
04	24	FEMSA	44	TOYOTA	64	84	MAZDA		
05	25	LUCAS	45	NISSAN	65	85	MITSUBISHI MOTOR		
06	26	HESELMAN	46	DELCOREMY	66	86	TOYOTA-LEXUS-DAIHATS		
07	27		47	SUZUKI	67	87	SUBARU		
08	28		48	PAL	68	88	ISUZU		
09	29		49	LADA	69	89	SUZUKI		
10	BOSCH	30	MARELLI	50	NIKKO	70	PSA		
11	PRESTOLITE	31		51	THERMOKING	71	RENAULT-NISSAN		
12	DELPHI	32	MANDO	52		72	FORD-VOLVO-SAAB		
13		33	MITSUBA	53		73	VAG		
14	FORD	34	DR	54		74	FIAT		
15	VALEO	35	MITSUBISHI ELECTRIC	55	LAMBORDINI	75	BMW-MINI		
16		36	MITSUBA	56	YANMAR	76	MERCEDES		
17		37	SAWAFUJI	57		77	GM		
18		38	CASCO	58		78	KIA-HYUNDAI		
19		39		59		79	MAHINDRA		
20	HITACHI	40	DENSO	60	DELCOREMY	80	SSANGYONG		

1		(3) VOLT		1		(3) FITTING FOR WIPERS		1		(3) OPERATING MODE FOR STEERING	
1 ... 5	12 V	1,2,6,7	FRONT	1,2,6,7	FRONT	1,2,6,7	HYDRAULIC STEERING BOX				
6 ... 9	24 V	3,4,5,8,9	REAR	3,4,5,8,9	REAR	3,4,5,8,9	ELECTRIC STEERING BOX				

07 (4) VARIABLE NUMBER

GS		(5) SERIES	
AS	BRAND NEW		
GS	GENUINE		
RS	REMANUFACTURED		
ES	ELMOT		
OS	OUTRIGHT		
PS	POWER SERIES		

version 2014.05.14



How to read Casco references - Rotating

Consider the example: CAL15107GS

(1)	(2)	(3)	(4)	(5)
CAL	15	1	07	GS

CAL	(1) PRODUCT CLASS
CAL	ALTERNATOR
CAR	STARTER ARMATURES
CAS	ALTERNATOR, STARTER (Starter&Stop)
CBE	BEARINGS
CBH	BRUSH HOLDERS
CCP	ALTERNATOR PULLEY
CDA	DYNAMO ARMATURES
CDC	PROTECTOR COVERS
CDF	DYNAMO FIELD WINDINGS
CDR	STARTER PINION
CDS	DYNASTARTER
CIM	IGNITION MODULES
CIN	INSULATORS
CPT	PULLEYS
CRC	ALTERNATORS RECTIFIERS
CRE	ALTERNATOR REGULATORS
CRO	ALTERNATOR ROTORS

	PRODUCT CLASS
CRR	ALTERNATOR REPAIR KITS
CSA	STARTER MULTIPLE DISC CLUTCH
CSF	STARTER FIELD WINDINGS
CSK	STARTER REPAIR KITS
CSL	ALTERNATOR ROTOR SLIP RING
CSO	STARTER SOLENOID SWITCH
CSR	ALTERNATOR STATORS
CST	STARTER
CVP	VACUUM PUMP
CWM	WIPER MOTOR
CWS	WINDOW WIPER SYSTEM
CWT	WIPER LINKAGE
CSB	STEERING RACK
CSC	STEERING COLUMN
CSP	HYDRAULIC PUMP, STEERING SYSTEM

How to read Casco references - Rotating

Consider the example: CAL15107GS

(1)	(2)	(3)	(4)	(5)
CAL	15	1	07	GS

15	(2) TYPE	
10	BOSCH	41 POONGSUNG
11	PRESTOLITE	42 DELPHI KOREA
12	DELPHI USA	44 TOYOTA
14	FORD	45 NISSAN
15	VALEO	46 DELCOREMY KOREA
20	HITACHI	47 SUZUKI
21	LETRIKA	48 PAL MAGNETON
22	EFEL	49 LADA
23	ELMOT	50 NIKKO
24	FEMSA	51 THERMOKING
25	LUCAS	55 LOMBARDINI
30	M.MARELLI	56 YANMAR
32	MANDO -VALEO	60 DELCOREMY USA
33	MITSUBA	90 INA
34	DR	92 LITENS
35	MITSUBISHI ELECTRIC	94 HUTCHINSON
37	SAWAFUJI	96 KOYO
40	DENSO	98 NTN

How to read Casco references - Rotating

(1)	(2)	(3)	(4)	(5)
CAL	15	1	07	GS

1	(3) VOLTAGE
1 -> 5	12 Volts
6 >	24 Volts

07	(4) VARIABLE NUMBER
-----------	----------------------------

GS	(5) SERIES
AS	BRAND NEW
GS	GENUINE
RS	REMAN (withcore value)
OS	REMAN (No core value)
ES	ELMOT

How to read Casco references - WIPER

References. How to read them?



(1) (2) (3) (4) (5) Let's take the following example: CWM30107GS

CWM 30 1 07 GS

CWM		(1) PRODUCT CLASS	
CAL	ALTERNATORS	CRR	ALTERNATOR REPAIR KITS
CAR	STARTER ARMATURES	CSA	STARTER MULTIPLE DISC CLUTCH
CAS	ALTERNATOR, STARTER (Start&Stop)	CSF	STARTER FIELD WINDINGS
CBE	BEARINGS	CSK	STARTER REPAIR KITS
CBH	BRUSH HOLDERS	CSL	ALTERNATOR ROTOR SLIP RING
CBS	MAIN SWITCH BATTERY	CSO	STARTER SOLENOID SWITCH
CCP	ALTERNATOR PULLEYS	CSR	ALTERNATOR STATORS
CDA	DYNAMO ARMATURES	CST	STARTERS
CDC	PROTECTOR COVERS	CVP	VACUUM PUMP
CDF	DYNAMO FIELD WINDINGS	CWM	WIPER MOTOR
CDR	STARTER PINIONS	CWS	WINDOW WIPER SYSTEM
CDS	DYNASTARTERS	CWT	WIPER LINKAGE
CEM	ELECTRIC MOTOR	CSB	HYDRAULIC PUMP, STEERING SYSTEM
CIM	IGNITION MODULES	CSC	STEERING COLUMN
CIN	INSULATORS	CSP	STEERING RACK
CPT	PULLEY TOOLS		
CRC	ALTERNATOR RECTIFIERS		
CRE	ALTERNATOR REGULATORS		
CRO	ALTERNATOR ROTORS		

30					(2) ORIGINAL TYPE MAKE				
01	21	LETRIKA	41	POONGSUNG	61	81	LAND ROVER-JAGUAR-T		
02	22	EFEL	42	DELPHI	62	82	CHRYSLER-DODGE-JEEP		
03	23	ELMOT	43		63	83	HONDA		
04	24	FEMSA	44	TOYOTA	64	84	MAZDA		
05	25	LUCAS	45	NISSAN	65	85	MITSUBISHI MOTOR		
06	26	HESELMAN	46	DELCOREMY	66	86	TOYOTA-LEXUS-DAIHATS		
07	27		47	SUZUKI	67	87	SUBARU		
08	28		48	PAL	68	88	ISUZU		
09	29		49	LADA	69	89	SUZUKI		
10	BOSCH	30	MARELLI	50	NIKKO	70	PSA		
11	PRESTOLITE	31		51	THERMOKING	71	RENAULT-NISSAN		
12	DELPHI	32	MANDO	52		72	FORD-VOLVO-SAAB		
13		33	MITSUBA	53		73	VAG		
14	FORD	34	DR	54		74	FIAT		
15	VALEO	35	MITSUBISHI ELECTRIC	55	LAMBORDINI	75	BMW-MINI		
16		36	MITSUBA	56	YANMAR	76	MERCEDES		
17		37	SAWAFUJI	57		77	GM		
18		38	CASCO	58		78	KIA-HYUNDAI		
19		39		59		79	MAHINDRA		
20	HITACHI	40	DENSO	60	DELCOREMY	80	SSANGYONG		

1		(3) VOLT		1		(3) FITTING FOR WIPERS		1		(3) OPERATING MODE FOR STEERING	
1 ... 5	12 V	1,2,6,7	FRONT	1,2,6,7	HYDRAULIC STEERING BOX						
6 ... 9	24 V	3,4,5,8,9	REAR	3,4,5,8,9	ELECTRIC STEERING BOX						

07 (4) VARIABLE NUMBER

GS		(5) SERIES	
AS	BRAND NEW		
GS	GENUINE		
RS	REMANUFACTURED		
ES	ELMOT		
OS	OUTRIGHT		
PS	POWER SERIES		

version 2014.05.14



How to read Casco references - Wiper

Consider the example: CWM30107GS

(1)	(2)	(3)	(4)	(5)
CWM	30	1	07	GS

CAL	(1) PRODUCT CLASS
CAL	ALTERNATOR
CAR	STARTER ARMATURES
CAS	ALTERNATOR, STARTER (Starter&Stop)
CBE	BEARINGS
CBH	BRUSH HOLDERS
CCP	ALTERNATOR PULLEY
CDA	DYNAMO ARMATURES
CDC	PROTECTOR COVERS
CDF	DYNAMO FIELD WINDINGS
CDR	STARTER PINION
CDS	DYNASTARTER
CIM	IGNITION MODULES
CIN	INSULATORS
CPT	PULLEYS
CRC	ALTERNATORS RECTIFIERS
CRE	ALTERNATOR REGULATORS
CRO	ALTERNATOR ROTORS

	PRODUCT CLASS
CRR	ALTERNATOR REPAIR KITS
CSA	STARTER MULTIPLE DISC CLUTCH
CSF	STARTER FIELD WINDINGS
CSK	STARTER REPAIR KITS
CSL	ALTERNATOR ROTOR SLIP RING
CSO	STARTER SOLENOID SWITCH
CSR	ALTERNATOR STATORS
CST	STARTER
CVP	VACUUM PUMP
CWM	WIPER MOTOR
CWS	WINDOW WIPER SYSTEM
CWT	WIPER LINKAGE
CSB	STEERING RACK
CSC	STEERING COLUMN
CSP	HYDRAULIC PUMP, STEERING SYSTEM

How to read Casco references - Wiper

Consider the example: CWM30107GS

(1)	(2)	(3)	(4)	(5)
CWM	30	1	07	GS

30	(2) TYPE		
10	BOSCH	41	POONGSUNG
11	PRESTOLITE	42	DELPHI KOREA
12	DELPHI USA	44	TOYOTA
14	FORD	45	NISSAN
15	VALEO	46	DELCOREMY KOREA
20	HITACHI	47	SUZUKI
21	LETRIKA	48	PAL MAGNETON
22	EFEL	49	LADA
23	ELMOT	50	NIKKO
24	FEMSA	51	THERMOKING
25	LUCAS	55	LOMBARDINI
30	M.MARELLI	56	YANMAR
32	MANDO -VALEO	60	DELCOREMY USA
33	MITSUBA	90	INA
34	DR	92	LITENS
35	MITSUBISHI ELECTRIC	94	HUTCHINSON
37	SAWAFUJI	96	KOYO
40	DENSO	98	NTN

How to read Casco references - Wiper

(1)	(2)	(3)	(4)	(5)
CWM	30	1	07	GS

1	(3) FITTING FOR WIPER
1,2	12V FRONT
3,4,5	12V REAR
6,7	24V FRONT
8,9	24V REAR

07	(4) VARIABLE NUMBER
-----------	----------------------------

GS	(5) SERIES
AS	BRAND NEW
GS	GENUINE
RS	REMAN (with core value)
OS	REMAN (No core value)

How to read Casco references – STEERING

References. How to read them?



(1) (2) (3) (4) (5) Let's take the following example: CWM30107GS

CWM 30 1 07 GS

CWM		(1) PRODUCT CLASS	
CAL	ALTERNATORS	CRR	ALTERNATOR REPAIR KITS
CAR	STARTER ARMATURES	CSA	STARTER MULTIPLE DISC CLUTCH
CAS	ALTERNATOR, STARTER (Start&Stop)	CSF	STARTER FIELD WINDINGS
CBE	BEARINGS	CSK	STARTER REPAIR KITS
CBH	BRUSH HOLDERS	CSL	ALTERNATOR ROTOR SLIP RING
CBS	MAIN SWITCH BATTERY	CSO	STARTER SOLENOID SWITCH
CCP	ALTERNATOR PULLEYS	CSR	ALTERNATOR STATORS
CDA	DYNAMO ARMATURES	CST	STARTERS
CDC	PROTECTOR COVERS	CVP	VACUUM PUMP
CDF	DYNAMO FIELD WINDINGS	CWM	WIPER MOTOR
CDR	STARTER PINIONS	CWS	WINDOW WIPER SYSTEM
CDS	DYNASTARTERS	CWT	WIPER LINKAGE
CEM	ELECTRIC MOTOR	CSB	HYDRAULIC PUMP, STEERING SYSTEM
CIM	IGNITION MODULES	CSC	STEERING COLUMN
CIN	INSULATORS	CSP	STEERING RACK
CPT	PULLEY TOOLS		
CRC	ALTERNATOR RECTIFIERS		
CRE	ALTERNATOR REGULATORS		
CRO	ALTERNATOR ROTORS		

30					(2) ORIGINAL TYPE MAKE				
01	21	LETRIKA	41	POONGSUNG	61	81	LAND ROVER-JAGUAR-T		
02	22	EFEL	42	DELPHI	62	82	CHRYSLER-DODGE-JEEP		
03	23	ELMOT	43		63	83	HONDA		
04	24	FEMSA	44	TOYOTA	64	84	MAZDA		
05	25	LUCAS	45	NISSAN	65	85	MITSUBISHI MOTOR		
06	26	HESELMAN	46	DELCOREMY	66	86	TOYOTA-LEXUS-DAIHATS		
07	27		47	SUZUKI	67	87	SUBARU		
08	28		48	PAL	68	88	ISUZU		
09	29		49	LADA	69	89	SUZUKI		
10	BOSCH	30	MARELLI	50	NIKKO	70	PSA		
11	PRESTOLITE	31		51	THERMOKING	71	RENAULT-NISSAN		
12	DELPHI	32	MANDO	52		72	FORD-VOLVO-SAAB		
13		33	MITSUBA	53		73	VAG		
14	FORD	34	DR	54		74	FIAT		
15	VALEO	35	MITSUBISHI ELECTRIC	55	LAMBORDINI	75	BMW-MINI		
16		36	MITSUBA	56	YANMAR	76	MERCEDES		
17		37	SAWAFUJI	57		77	GM		
18		38	CASCO	58		78	KIA-HYUNDAI		
19		39		59		79	MAHINDRA		
20	HITACHI	40	DENSO	60	DELCOREMY	80	SSANGYONG		

1		(3) VOLT		1		(3) FITTING FOR WIPERS		1		(3) OPERATING MODE FOR STEERING	
1 ... 5	12 V	1,2,6,7	FRONT	1,2,6,7	HYDRAULIC STEERING BOX						
6 ... 9	24 V	3,4,5,8,9	REAR	3,4,5,8,9	ELECTRIC STEERING BOX						

07 (4) VARIABLE NUMBER

GS		(5) SERIES	
AS	BRAND NEW		
GS	GENUINE		
RS	REMANUFACTURED		
ES	ELMOT		
OS	OUTRIGHT		
PS	POWER SERIES		

version 2014.05.14



How to read Casco references - Steering

Consider the example: CSB70105GS

(1)	(2)	(3)	(4)	(5)
CSB	70	1	05	GS

CSB	(1) PRODUCT CLASS
CAL	ALTERNATOR
CAR	STARTER ARMATURES
CAS	ALTERNATOR, STARTER (Starter&Stop)
CBE	BEARINGS
CBH	BRUSH HOLDERS
CCP	ALTERNATOR PULLEY
CDA	DYNAMO ARMATURES
CDC	PROTECTOR COVERS
CDF	DYNAMO FIELD WINDINGS
CDR	STARTER PINION
CDS	DYNASTARTER
CIM	IGNITION MODULES
CIN	INSULATORS
CPT	PULLEYS
CRC	ALTERNATORS RECTIFIERS
CRE	ALTERNATOR REGULATORS
CRO	ALTERNATOR ROTORS

	PRODUCT CLASS
CRR	ALTERNATOR REPAIR KITS
CSA	STARTER MULTIPLE DISC CLUTCH
CSF	STARTER FIELD WINDINGS
CSK	STARTER REPAIR KITS
CSL	ALTERNATOR ROTOR SLIP RING
CSO	STARTER SOLENOID SWITCH
CSR	ALTERNATOR STATORS
CST	STARTER
CVP	VACUUM PUMP
CWM	WIPER MOTOR
CWS	WINDOW WIPER SYSTEM
CWT	WIPER LINKAGE
CSB	STEERING RACK
CSC	STEERING COLUMN
CSP	HYDRAULIC PUMP, STEERING SYSTEM

How to read Casco references

Consider the example: CWM30107GS

(1)	(2)	(3)	(4)	(5)
CSB	70	1	05	GS

70	(2) TYPE
70	PSA
71	RENAULT-NISSAN
72	FORD-VOLVO-SAAB
73	VAG
74	FIAT
75	BMW-MINI
76	MERCEDES
77	GM
78	KIA-HUNDAI
79	MAHINDRA
80	SSANGYONG
81	LAND-ROVER-JAGUAR
82	CHRYSLER-DODGE-JEEP
83	HONDA
84	MAZDA
85	MITSUBISHI MOTOR
86	TOYOTA-LEXUS-DAIHATSU
87	SUBARU
88	ISUZU
89	SUZUKI



How to read Casco references

(1)	(2)	(3)	(4)	(5)
CSB	70	1	05	GS

1	(3) OPERATING MODE FOR STEERING
1,2,6,7	HYDRAULIC STEERING BOX
3,4,5,8	ELECTRIC STEERING BOX
9	MECHANIC STEERING BOX

07	(4) VARIABLE NUMBER
-----------	----------------------------

GS	(5) SERIES
AS	BRAND NEW
GS	GENUINE
RS	REMAN (with core value)
OS	REMAN (No core value)