

UPC Cross Reference

Oxygen Sensors

						Bosch						
						Part No.	(SS to)	Type	Wires	Length (in.)	Check/Replace Interval (Miles)	UPC with Check Digit
11027	unheated	1	5.3	50,000	028851110273	13025		wideband a/f	5	16.8	100,000	028851130257
11032	unheated	1	37.4	30,000	028851110327	13026		heated	4	14.7	100,000	028851130264
11047	unheated	1	18.5	30,000	028851110471	13027		heated	4	14.9	100,000	028851130271
11051	unheated	1	19.7	30,000	028851110518	13029		heated	4	21.6	100,000	028851130295
11964	unheated	1	29.3	30,000	028851119641	13030		heated	4	13.8	60,000	028851130301
12002	unheated	1	19.8	50,000	028851120029	13031		heated	3	18.5	100,000	028851130318
12006	titania	1	6.7	30,000	028851120067	13032		heated	3	19.3	60,000	028851130325
12007	titania	2	19.7	30,000	028851120074	13033	13500	heated	4	12.3	100,000	028851130332
12008	titania	3	11.0	82,500	028851120081	13034		heated	3	66.1	60,000	028851130349
12009	titania	3	10.8	82,500	028851120098	13035		heated	4	24.8	100,000	028851130356
12013	unheated	1	12.6	30,000	028851120135	13037		heated	4	61.8	60,000	028851130370
12014	unheated	1	14.6	30,000	028851120142	13038		heated	4	24.0	60,000	028851130387
12016 (12061)	unheated	1	21.1	50,000	028851120166	13039		heated	3	14.2	100,000	028851130394
12017 (12053)	unheated	1	25.5	50,000	028851120173	13040	15634	heated	4	9.6	100,000	028851130400
12019	unheated	2	43.7	50,000	028851120197	13041		heated	4	24.8	100,000	028851130417
12022	unheated	2	21.7	50,000	028851120227	13043		unheated	1	5.5	60,000	028851130431
12023	unheated	2	25.4	50,000	028851120234	13045 (13038)		heated	4	20.5	60,000	028851130455
12028	unheated	2	12.6	30,000	028851120289	13046		heated	3	19.9	60,000	028851130462
12030 12046	unheated	1	6.9	50,000	028851120302	13047		heated	3	28.7	60,000	028851130479
12031	unheated	1	5.3	50,000	028851120319	13048		heated	3	25.4	60,000	028851130486
12035	unheated	2	43.3	50,000	028851120357	13049		heated	3	69.3	60,000	028851130493
12038	unheated	1	18.5	50,000	028851120388	13050		unheated	1	5.5	60,000	028851130509
12039	unheated	1	18.9	50,000	028851120395	13051		heated	4	13.7	100,000	028851130516
12040	unheated	1	19.1	50,000	028851120401	13052		heated	4	59.1	60,000	028851130523
12041	unheated	2	17.3	50,000	028851120418	13053		unheated	1	8.7	100,000	028851130530
12043	unheated	2	38.5	50,000	028851120432	13054		heated	3	46.1	60,000	028851130547
12046	unheated	1	8.3	50,000	028851120463	13055		heated	4	29.3	100,000	028851130554
12050	unheated	1	18.9	50,000	028851120500	13056		heated	4	15.0	100,000	028851130561
12051	unheated	1	20.1	50,000	028851120517	13058		heated	3	28.7	60,000	028851130585
12052 (12053)	unheated	1	17.7	50,000	028851120524	13059		heated	3	61.8	60,000	028851130592
12053	unheated	1	30.1	50,000	028851120531	13060		heated	4	8.9	100,000	028851130608
12054	unheated	1	22.0	50,000	028851120548	13067		heated	4	24.4	60,000	028851130677
12055	unheated	1	18.9	50,000	028851120555	13068		heated	4	24.8	60,000	028851130684
12061	unheated	1	21.3	50,000	028851120616	13071		heated	4	30.7	100,000	028851130714
12100	unheated	2	19.3	50,000	028851121002	13073		heated	4	20.7	100,000	028851130738
12102	unheated	1	11.8	50,000	028851121026	13074		heated	4	12.7	100,000	028851130745
12105	unheated	2	12.6	50,000	028851121057	13075		heated	4	10.3	100,000	028851130752
12106	unheated	2	11.4	50,000	028851121064	13077		heated	3	12.8	60,000	028851130776
12107 12108	unheated	2	11.9	50,000	028851121071	13078		heated	4	47.2	60,000	028851130783
12108	unheated	2	16.1	50,000	028851121088	13081		heated	4	12.6	100,000	028851130813
12109	unheated	2	25.8	50,000	028851121095	13084 13924		heated	3	25.4	60,000	028851130844
12111	unheated	2	18.1	50,000	028851121118	13086 (13539)		heated	4	9.7	100,000	028851130868
12112	unheated	1	20.3	30,000	028851121125	13091		heated	3	22.4	100,000	028851130912
12113	unheated	1	21.9	30,000	028851121132	13093		heated	4	29.3	100,000	028851130936
12114	unheated	1	13.4	30,000	028851121149	13095		heated	4	17.9	100,000	028851130950
12200	unheated	2	23.6	50,000	028851122009	13096		heated	4	21.4	100,000	028851130967
12201	unheated	2	23.7	50,000	028851122016	13100		heated	4	18.1	100,000	028851131001
12202	unheated	2	16.9	50,000	028851122023	13101		heated	3	43.3	60,000	028851131018
12203	unheated	1	39.8	50,000	028851122030	13104		heated	4	11.0	100,000	028851131049
12204 13191	unheated	2	12.4	100,000	028851122047	13108		heated	4	55.7	60,000	028851131087
12205	unheated	2	7.9	50,000	028851122054	13109		heated	4	37.0	60,000	028851131094
12210	unheated	2	7.7	50,000	028851122108	13111		heated	4	50.4	100,000	028851131117
12211	unheated	2	39.0	50,000	028851122115	13112		heated	4	39.0	60,000	028851131124
12909	unheated	1	15.4	30,000	028851129091	13113 15703		heated	4	12.2	100,000	028851131131
12919	unheated	1	6.7	30,000	028851129190	13114					100,000	028851131148
13001	heated	3	36.2	60,000	028851130011	13115		heated	4	24.8	100,000	028851131155
13003	heated	3	20.5	60,000	028851130035	13117		heated	4	15.4	100,000	028851131179
13004	heated	3	16.1	60,000	028851130042	13118		heated	4	24.4	100,000	028851131186
13005	heated	3	34.6	60,000	028851130059	13119		heated	3	66.1	100,000	028851131193
13007	heated	4	22.4	100,000	028851130073	13120		heated	4	34.6	60,000	028851131209
13008	heated	3	19.7	60,000	028851130080	13122		heated	4	11.9	100,000	028851131223
13010	heated	3	11.4	60,000	028851130103	13123 (13100)		heated	4	16.8	100,000	028851131230
13011	heated	3	36.3	60,000	028851130110	13127		heated	4	10.6	100,000	028851131278
13012	heated	3	25.2	60,000	028851130127	13130		heated	4	18.1	100,000	028851131308
13019	heated	3	38.2	60,000	028851130196	13131 15719		heated	4	24.0	100,000	028851131315
13021	titania	3	10.2	100,000	028851130219	13132		heated	4	11.8	100,000	028851131322
13022	unheated	1	13.9	100,000	028851130226	13133 15717		heated	4	15.6	100,000	028851131339



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Part No.	(SS to)	Type	Wires	Length (in.)	Check/Replace Interval (Miles)	UPC with Check Digit							
13134		heated	4	11.8	100,000	028851131346	13273		heated	4	16.7	100,000	028851132732
13136		heated	4	18.5	100,000	028851131360	13275		heated	4	11.8	60,000	028851132756
13138		heated	4	14.1	100,000	028851131384	13276		heated	3	9.6	60,000	028851132763
13139		heated	4	13.9	100,000	028851131391	13277	15701	heated	3	12.6	100,000	028851132770
13141		heated	4	16.5	100,000	028851131414	13278		heated	4	21.7	100,000	028851132787
13142		heated	4	23.5	100,000	028851131421	13279		heated	4	31.5	100,000	028851132794
13144		heated	3	12.9	60,000	028851131445	13280		heated	4	18.0	100,000	028851132800
13146		heated	3	29.7	60,000	028851131469	13281		heated	4	31.6	100,000	028851132817
13148		heated	3	14.2	60,000	028851131483	13284		heated	3	13.8	100,000	028851132848
13149		heated	4	12.2	100,000	028851131490	13287		heated	4	13.0	100,000	028851132879
13151		heated	4	11.7	100,000	028851131513	13289		heated	4	19.1	100,000	028851132893
13152		heated	3	17.3	60,000	028851131520	13290		heated	4	65.7	60,000	028851132909
13153	(15704)	heated	4	21.9	100,000	028851131537	13293	15711	heated	4	18.6	100,000	028851132930
13154	13104	heated	4	7.9	100,000	028851131544	13295	(13051)	heated	4	13.7	100,000	028851132954
13155		heated	4	35.9	100,000	028851131551	13299		heated	3	72.0	60,000	028851132992
13156		heated	3	19.9	60,000	028851131568	13300		heated	4	31.5	100,000	028851133005
13160		heated	3	17.0	60,000	028851131605	13301		heated	4	44.9	60,000	028851133012
13164		heated	4	25.6	100,000	028851131643	13302		heated	4	13.9	100,000	028851133029
13165		heated	4	22.8	60,000	028851131650	13306		heated	4	22.8	100,000	028851133067
13168	13104	heated	4	8.2	100,000	028851131681	13308		heated	3	64.2	100,000	028851133081
13176		heated	4	32.9	100,000	028851131766	13309		heated	4	22.6	60,000	028851133098
13177	15719	heated	4	24.1	100,000	028851131773	13311		heated	3	14.4	100,000	028851133111
13178		heated	4	16.9	100,000	028851131780	13312		heated	4	24.9	100,000	028851133128
13181		heated	4	22.8	60,000	028851131810	13313		heated	3	34.6	100,000	028851133135
13184		heated	4	22.9	100,000	028851131841	13314		heated	4	29.5	60,000	028851133142
13190		heated	3	12.9	60,000	028851131902	13315		heated	4	34.8	100,000	028851133159
13191		Unheated	2	15.6	50,000	028851131919	13316	(13272)	heated	4	10.8	100,000	028851133166
13193		heated	4	15.7	100,000	028851131933	13317	15704	heated	4	16.7	100,000	028851133173
13194		heated	3	16.1	60,000	028851131940	13318		heated	4	34.4	100,000	028851133180
13198		heated	4	14.6	100,000	028851131988	13320		heated	4	11.8	100,000	028851133203
13200		heated	4	20.5	100,000	028851132008	13322		heated	4	13.4	100,000	028851133227
13205	(13322)	heated	4	12.7	100,000	028851132053	13326		heated	4	24.0	100,000	028851133265
13206	13957	heated	3	29.1	60,000	028851132060	13327		heated	3	23.0	100,000	028851133272
13211		heated	3	22.8	60,000	028851132114	13329		heated	3	20.9	100,000	028851133296
13216		heated	4	38.2	60,000	028851132169	13330		heated	4	39.4	100,000	028851133302
13218		heated	4	18.1	60,000	028851132183	13332	13100	heated	4	18.1	100,000	028851133326
13221	13420	heated	3	10.8	100,000	028851132213	13338		heated	4	17.1	100,000	028851133388
13224		heated	3	17.7	100,000	028851132244	13340		heated	4	13.4	100,000	028851133401
13226		heated	4	35.8	100,000	028851132268	13341	(13340)	heated	4	13.0	100,000	028851133418
13228		heated	3	36.6	100,000	028851132282	13342		heated	4	8.3	100,000	028851133425
13231		heated	4	21.3	60,000	028851132312	13348		heated	4	31.9	100,000	028851133487
13232		heated	3	19.1	60,000	028851132329	13350		heated	3	24.8	100,000	028851133500
13237	(13420)	heated	3	11.2	100,000	028851132374	13353		heated	4	28.3	100,000	028851133531
13238		heated	4	28.7	60,000	028851132381	13354		heated	4	20.9	100,000	028851133548
13239	(13176)	heated	4	31.0	100,000	028851132398	13355		heated	4	13.4	100,000	028851133555
13241	(13007)	heated	4	16.7	100,000	028851132411	13356		heated	4.0	11.4	100,000	028851133562
13242		heated	3	31.1	100,000	028851132428	13358		heated	4.0	24.8	100,000	028851133586
13245		heated	3	49.6	60,000	028851132459	13361		heated	4	29.5	100,000	028851133616
13246		wideband a/f	5	15.4	100,000	028851132466	13362		heated	3	15.0	100,000	028851133623
13249		heated	4	18.5	100,000	028851132497	13363		heated	4	14.8	100,000	028851133630
13250		heated	3	17.7	100,000	028851132503	13364		heated	3	16.2	100,000	028851133647
13251	obs	heated	3	45.8	60,000	028851132510	13366		heated	4	7.9	100,000	028851133661
13252		titania	3	70.9	60,000	028851132527	13367		heated	4	10.0	100,000	028851133678
13254		heated	4	18.3	100,000	028851132541	13368	(13289)	heated	4	15.9	100,000	028851133685
13255		heated	3	7.1	100,000	028851132558	13370		heated	3	18.7	100,000	028851133708
13256		heated	4	17.3	100,000	028851132565	13371		heated	4	12.4	100,000	028851133715
13257		heated	4	50.0	100,000	028851132572	13372	(15708)	heated	4	7.9	100,000	028851133722
13258		heated	4	22.8	100,000	028851132589	13373		heated	4	19.9	60,000	028851133739
13260		heated	3	25.6	100,000	028851132602	13374		heated	4	39.4	100,000	028851133746
13261		heated	4	34.3	100,000	028851132619	13376		heated	3	35.0	60,000	028851133760
13262		heated	3	14.4	100,000	028851132626	13377		heated	4	14.6	100,000	028851133777
13264		heated	4	32.7	100,000	028851132640	13380		heated	3	73.6	60,000	028851133807
13266	13268	heated	4	28.9	100,000	028851132664	13381		heated	3	34.8	60,000	028851133814
13267		heated	4	22.8	60,000	028851132671	13383		heated	4	11.2	100,000	028851133838
13268		heated	4	28.7	100,000	028851132688	13385		titania	3	17.5	100,000	028851133852
13271		heated	4	11.8	100,000	028851132718	13386	(13791)	titania	3	9.4	100,000	028851133869
13272		heated	4	12.2	100,000	028851132725	13387		titania	3	71.3	100,000	028851133876

UPC Cross Reference

Oxygen Sensors

						Bosch						
						Part No.	(SS to)	Type	Wires	Length (in.)	Check/Replace Interval (Miles)	UPC with Check Digit
13388	titania	4	28.3	100,000	028851133883	13496	(13111)	heated	4	44.9	100,000	028851134965
13389	(13539) heated	4	9.4	100,000	028851133890	13498		heated	4.0	14.6	100,000	028851134989
13391	heated	4.0	8.3	100,000	028851133913	13500		heated	4	15.0	100,000	028851135009
13392	heated	4	8.3	100,000	028851133920	13504		heated	3	26.6	100,000	028851135047
13394	heated	4	16.5	100,000	028851133944	13505		heated	3	29.7	100,000	028851135054
13395	heated	4	16.7	100,000	028851133951	13508		heated	3	19.3	100,000	028851135085
13396	heated	3	28.0	100,000	028851133968	13509		heated	4.0	16.5	100,000	028851135092
13399	heated	4	22.1	100,000	028851133999	13511		Heated	4.0	8.9	100,000	028851135115
13400	13417 heated	4	21.7	100,000	028851134002	13512		wideband a/f	4	14.2	100,000	028851135122
13401	heated	4	20.9	100,000	028851134019	13513	(13071)	heated	4	17.7	100,000	028851135139
13404	heated	4	15.7	100,000	028851134040	13514		heated	4.0		100,000	028851135146
13405	heated	4	13.1	100,000	028851134057	13515		heated	4	38.2	100,000	028851135153
13407	heated	4	25.0	100,000	028851134071	13516		heated	4.0		100,000	028851135160
13408	heated	4	20.1	100,000	028851134088	13517		heated	4	19.9	100,000	028851135177
13410	heated	4	18.5	100,000	028851134101	13518	13355	heated	4	13.0	100,000	028851135184
13412	heated	4	18.1	100,000	028851134125	13519		heated	4	9.4	100,000	028851135191
13413	heated	4	50.8	100,000	028851134132	13520		heated	4	25.2	100,000	028851135207
13416	heated	3	8.7	100,000	028851134163	13522		heated	4	13.8	60,000	028851135221
13417	heated	4	21.7	100,000	028851134170	13523		heated	4	17.9	60,000	028851135238
13418	heated	3	71.5	100,000	028851134187	13524		heated	3	16.1	100,000	028851135245
13420	heated	3	12.2	100,000	028851134200	13525		heated	4	8.1	100,000	028851135252
13421	heated	4	22.5	60,000	028851134217	13527		heated	4.0	31.3	100,000	028851135276
13422	heated	4	12.4	100,000	028851134224	13528		heated	4.0		100,000	028851135283
13423	heated	4	12.2	100,000	028851134231	13529		heated	4	20.5	100,000	028851135290
13425	heated	4	38.8	100,000	028851134255	13531		heated	3	9.8	100,000	028851135313
13427	heated	4	12.2	100,000	028851134279	13532		heated	4	20.9	100,000	028851135320
13428	heated	4	13.8	100,000	028851134286	13534		heated	4	15.4	100,000	028851135344
13429	heated	4	13.6	100,000	028851134293	13535	15717	heated	4		100,000	028851135351
13431	heated	4	17.5	100,000	028851134316	13537	13056	heated	4	13.8	100,000	028851135375
13433	heated	4	7.5	100,000	028851134330	13538		heated	4	19.7	100,000	028851135382
13436	heated	4	36.2	100,000	028851134361	13539		heated	4	12.2	100,000	028851135399
13437	wideband a/f	4	13.4	100,000	028851134378	13540		wideband a/f	4	13.8	100,000	028851135405
13439	heated	4	24.4	100,000	028851134392	13541	15717	heated	4		100,000	028851135412
13441	heated	4	10.6	100,000	028851134415	13544		heated	4	16.7	100,000	028851135443
13444	heated	4	16.5	100,000	028851134446	13547		heated	3	8.7	100,000	028851135474
13445	heated	3	17.7	100,000	028851134453	13548		heated	4	34.6	100,000	028851135481
13446	Heated	4.0	16.9	100,000	028851134460	13549		heated	3	16.5	100,000	028851135498
13447	heated	4	19.8	100,000	028851134477	13550		heated	4	66.9	100,000	028851135504
13448	heated	4	19.7	100,000	028851134484	13551		heated	4	29.1	100,000	028851135511
13450	heated	4	72.6	100,000	028851134507	13552		heated	4	66.9	100,000	028851135528
13453	heated	4	11.4	60,000	028851134538	13554	13354	heated	4	13.8	100,000	028851135542
13455	heated	4	12.3	100,000	028851134552	13556		heated	4	15.7	100,000	028851135566
13456	heated	4	23.6	100,000	028851134569	13557		wideband a/f	4	15.0	100,000	028851135573
13457	heated	4	11.4	100,000	028851134576	13558		heated	4	31.1	100,000	028851135580
13458	heated	4	11.8	100,000	028851134583	13559		heated	4	13.4	100,000	028851135597
13459	heated	4	16.1	100,000	028851134590	13562		heated	3	26.8	100,000	028851135627
13460	heated	4	12.6	100,000	028851134606	13563	(13551)	heated	4	26.4	100,000	028851135634
13461	heated	4	13.8	100,000	028851134613	13564		heated	4	23.6	100,000	028851135641
13463	Heated	4.0	15.4	100,000	028851134637	13565		heated	4	8.3	100,000	028851135658
13466	Heated	4.0	16.9	100,000	028851134668	13566		heated	4	11.8	100,000	028851135665
13468	heated	4	28.0	100,000	028851134682	13568		heated	4	34.4	100,000	028851135689
13469	heated	4	18.3	100,000	028851134699	13569	15716	heated	4		100,000	028851135696
13470	heated	4	9.4	100,000	028851134705	13570	15716	heated	4		100,000	028851135702
13471	unheated	2	17.7	100,000	028851134712	13571		heated	4	10.8	100,000	028851135719
13473	heated	4	18.5	100,000	028851134736	13572		heated	3	17.7	100,000	028851135726
13474	heated	4	14.6	100,000	028851134743	13574		heated	4	22.4	100,000	028851135740
13475	heated	4	21.7	100,000	028851134750	13575	13104	heated	4	8.3	100,000	028851135757
13476	heated	4.0	7.9	100,000	028851134767	13576		heated	3	13.8	100,000	028851135764
13477	heated	4	12.8	100,000	028851134774	13577		heated	4	33.1	100,000	028851135771
13479	13450 heated	4	74.0	100,000	028851134798	13578		heated	4	22.0	100,000	028851135788
13480	heated	4	24.0	100,000	028851134804	13579		heated	4	19.3	100,000	028851135795
13482	heated	3	8.7	100,000	028851134828	13580		heated	4	22.8	100,000	028851135801
13483	heated	4	55.0	100,000	028851134835	13581		heated	4	31.6	100,000	028851135818
13487	heated	4	23.6	100,000	028851134873	13582		heated	4	15.2	100,000	028851135825
13489	heated	4	27.6	100,000	028851134897	13583		heated	3	20.9	100,000	028851135832
13493	wideband a/f	4	13.4	100,000	028851134934	13584		heated	4	26.0	100,000	028851135849
13494	heated	4	47.8	50,000	028851134941	13585	(13574)	heated	4	23.6	100,000	028851135856



Oxygen Sensors

UPC Cross Reference

							Bosch						
Part No.	(SS to)	Type	Wires	Length (in.)	Check/Replace Interval (Miles)	UPC with Check Digit							
13586	(15244)	heated	4	28.0	100,000	028851135863	13682		heated	4	43.3	100,000	028851136822
13588		heated	4	28.7	100,000	028851135887	13684	13377	heated	4	14.8	100,000	028851136846
13589		heated	3	19.2	100,000	028851135894	13685		heated	4	13.2	100,000	028851136853
13591		heated	4	50.4	100,000	028851135917	13686		heated	4	14.8	100,000	028851136860
13595		heated	4	17.7	100,000	028851135955	13687		heated	4	18.5	100,000	028851136877
13596		heated	4	23.5	100,000	028851135962	13688		heated	4	21.3	100,000	028851136884
13597		heated	4	20.9	100,000	028851135979	13689		heated	4	42.9	100,000	028851136891
13598		heated	4	29.9	100,000	028851135986	13690		heated	4	31.3	100,000	028851136907
13599		heated	4	24.0	100,000	028851135993	13691	13687	heated	4	17.7	100,000	028851136914
13600	15716	heated	4		100,000	028851136006	13692		heated	4	33.1	100,000	028851136921
13602	(13218)	heated	4	17.6	100,000	028851136020	13694		heated	4	21.7	100,000	028851136945
13610		heated	4	12.6	100,000	028851136105	13695		heated	4	15.4	100,000	028851136952
13612	(15719)	heated	4	23.6	100,000	028851136129	13701		heated	4	21.7	100,000	028851137010
13613		wideband a/f	4	12.2	100,000	028851136136	13702		heated	3	15.2	100,000	028851137027
13615		heated	4	13.8	100,000	028851136150	13703		heated	3	13.8	100,000	028851137034
13617		heated	3	16.1	100,000	028851136174	13704		heated	4	41.1	100,000	028851137041
13618		heated	4	33.7	100,000	028851136181	13705	13680	wideband a/f	4	12.8	100,000	028851137058
13619		heated	4	19.7	100,000	028851136198	13706		wideband a/f	4	12.0	100,000	028851137065
13621		heated	4.0	26.0	100,000	028851136211	13707		heated	4	23.6	100,000	028851137072
13622		heated	4	22.8	100,000	028851136228	13708	15476	heated	4	10.8	100,000	028851137089
13623	(13353)	heated	4	20.9	100,000	028851136235	13709		heated	4	14.8	100,000	028851137096
13624	13340	heated	4	13.4	100,000	028851136242	13710		heated	4	11.8	100,000	028851137102
13626		wideband a/f	4	24.4	100,000	028851136266	13711	13610	heated	4	11.8	100,000	028851137119
13630		heated	3	12.3	100,000	028851136303	13712	(13937)	heated	4	11.8	100,000	028851137126
13632		heated	4	16.1	100,000	028851136327	13713	15825	heated	4	17.7	100,000	028851137133
13633	13619	heated	4	19.7	100,000	028851136334	13714		heated	4	11.8	100,000	028851137140
13634		heated	4	23.6	100,000	028851136341	13715		heated	4		100,000	028851137157
13635		heated	3	19.3	100,000	028851136358	13716	(13937)	heated	4	11.8	100,000	028851137164
13637		heated	4	19.7	100,000	028851136372	13717		heated	4	13.8	100,000	028851137171
13638		heated	4	10.6	100,000	028851136389	13718		heated	4	10.8	100,000	028851137188
13639		heated	4	29.6	100,000	028851136396	13719	15825	heated	4	17.7	100,000	028851137195
13640		heated	4	29.9	100,000	028851136402	13720		heated	4	9.4	100,000	028851137201
13641		heated	3	18.1	100,000	028851136419	13721		heated	4	33.1	100,000	028851137218
13642		heated	4	17.7	100,000	028851136426	13723		heated	4	27.2	100,000	028851137232
13643		heated	4	27.2	100,000	028851136433	13725		heated	4	41.3	100,000	028851137256
13644		heated	4	35.6	100,000	028851136440	13727		heated	4	45.3	100,000	028851137270
13645		heated	4	39.4	100,000	028851136457	13728	(15487)	heated	4	12.8	100,000	028851137287
13646		heated	4	20.1	100,000	028851136464	13732		heated	4	27.2	100,000	028851137324
13647		heated	4	17.3	100,000	028851136471	13733		wideband a/f	4	19.7	100,000	028851137331
13650		heated	4	35.2	100,000	028851136501	13735		wideband a/f	4	10.8	100,000	028851137355
13651		heated	4	47.6	100,000	028851136518	13736		heated	4	24.0	100,000	028851137362
13652		heated	3	14.4	100,000	028851136525	13737		wideband a/f	4	7.9	100,000	028851137379
13653		heated	4	17.5	100,000	028851136532	13740		heated	4	44.5	100,000	028851137409
13654		heated	4	21.9	100,000	028851136549	13743		heated	4	29.7	100,000	028851137430
13655	13256	heated	4	16.9	100,000	028851136556	13744			4	16.7	100,000	028851137447
13656		heated	4	15.7	100,000	028851136563	13745		heated	4	15.7	100,000	028851137454
13657		heated	3	16.5	100,000	028851136570	13746		titania	4	13.0	100,000	028851137461
13658		heated	3	22.8	100,000	028851136587	13747		titania	4	25.0	100,000	028851137478
13659		heated	4	7.7	100,000	028851136594	13748		titania	4	12.2	100,000	028851137485
13661		heated	4	29.3	100,000	028851136617	13749		titania	4	16.1	100,000	028851137492
13662		heated	4	42.9	100,000	028851136624	13750	13753	heated	4	11.8	100,000	028851137508
13663		heated	3	14.4	100,000	028851136631	13751		heated	4	22.2	100,000	028851137515
13664		heated	4	11.8	100,000	028851136648	13752		heated	4	17.0	100,000	028851137522
13665	13687	heated	4	17.9	100,000	028851136655	13753		heated	4	12.6	100,000	028851137539
13666		heated	3	20.5	100,000	028851136662	13754		heated	4	13.8	100,000	028851137546
13669	13670	heated	4	9.8	100,000	028851136693	13755		heated	4	28.9	100,000	028851137553
13670		heated	4	9.6	100,000	028851136709	13756		heated	4	31.5	50,000	028851137560
13671	(13610)	heated	4	12.4	100,000	028851136716	13758	15295	heated	4	8.5	100,000	028851137584
13672		heated	4	15.0	100,000	028851136723	13759	13041	heated	4	23.2	100,000	028851137591
13673		heated	3	16.1	100,000	028851136730	13760		heated	4	16.9	100,000	028851137607
13674		heated	4	20.5	100,000	028851136747	13761		heated	4	15.4	100,000	028851137614
13675		heated	4	14.4	100,000	028851136754	13762		heated	4.0	11.9	100,000	028851137621
13676		heated	4	20.1	100,000	028851136761	13763		heated	4	8.7	100,000	028851137638
13677	(15948)	heated	4	18.7	100,000	028851136778	13765	(15040)	heated	4	13.8	100,000	028851137652
13678		wideband a/f	4	16.3	100,000	028851136785	13766		heated	4.0	18.5	100,000	028851137669
13679		heated	4	25.6	100,000	028851136792	13767		heated	4	25.6	100,000	028851137676
13680		wideband a/f	4	13.8	100,000	028851136808	13768		heated	4	15.0	100,000	028851137683

UPC Cross Reference

Oxygen Sensors

						Bosch							
						Part No.	(SS to)	Type	Wires	Length (in.)	Check/Replace Interval (Miles)	UPC with Check Digit	
13769	heated	4	18.1	100,000	028851137690	13863		heated	4	19.7	100,000	028851138635	
13770	heated	4	31.5	100,000	028851137706	13864		heated	4	14.8	100,000	028851138642	
13772	heated	4	10.2	100,000	028851137720	13865	13581	heated	4	29.3	100,000	028851138659	
13773	heated	4	28.1	100,000	028851137737	13866		heated	4	39.4	100,000	028851138666	
13774	heated	4	21.9	100,000	028851137744	13868		heated	4	25.6	100,000	028851138680	
13775	heated	4	18.1	100,000	028851137751	13869		heated	4	11.8	100,000	028851138697	
13776	13937	heated	4	11.8	100,000	028851137768	13870		heated	4	9.4	100,000	028851138703
13777			4	21.3	100,000	028851137775	13871		heated	4.0	24.5	100,000	028851138710
13778	13441	heated	4	10.6	100,000	028851137782	13872		heated	4	40.9	100,000	028851138727
13779		heated	4	12.2	100,000	028851137799	13873	15290	heated	4	19.3	100,000	028851138734
13780		heated	4	12.2	100,000	028851137805	13875		heated	4.0	16.9	100,000	028851138758
13781			4	21.5	100,000	028851137812	13877		heated	4	24.8	100,000	028851138772
13782		heated	4	12.8	100,000	028851137829	13878		heated	4	24.4	100,000	028851138789
13783		titania	3	18.3	100,000	028851137836	13879		heated	4	37.4	100,000	028851138796
13784		heated	4	16.1	100,000	028851137843	13882		heated	4	10.6	100,000	028851138826
13785		heated	4	17.3	100,000	028851137850	13884		titania	4	39.0	100,000	028851138840
13786	(15284)	heated	4	15.7	100,000	028851137867	13885		heated	4	35.0	100,000	028851138857
13787		heated	4	13.0	100,000	028851137874	13886		heated	4	14.2	100,000	028851138864
13788		heated	4	14.6	100,000	028851137881	13887		heated	4	14.2	100,000	028851138871
13789		titania	4	28.9	100,000	028851137898	13889		heated	4	31.5	100,000	028851138895
13790		heated	4	10.6	100,000	028851137904	13890		heated	4	21.7	100,000	028851138901
13791		titania	3	9.4	50,000	028851137911	13891		heated	4	18.9	100,000	028851138918
13795	(13801)	heated	4	21.3	100,000	028851137959	13892		heated	4	23.6	100,000	028851138925
13796		heated	4	21.7	100,000	028851137966	13893		heated	4	18.3	100,000	028851138932
13797		heated	4	12.4	100,000	028851137973	13894		heated	4	19.7	100,000	028851138949
13798		heated	4	22.2	100,000	028851137980	13895	(13581)	heated	4	27.6	100,000	028851138956
13801		heated	4	21.7	100,000	028851138017	13896		unheated	2	17.7	60,000	028851138963
13803	13801	heated	4	18.1	100,000	028851138031	13897		heated	4	10.6	100,000	028851138970
13804		heated	4	21.7	100,000	028851138048	13898		unheated	2	19.0	100,000	028851138987
13805		heated	4	18.3	100,000	028851138055	13900		heated	4	33.5	100,000	028851139007
13806		heated	4	9.8	100,000	028851138062	13902		heated	4	18.9	100,000	028851139021
13807		heated	4	16.7	50,000	028851138079	13903		unheated	1	17.7	100,000	028851139038
13808		heated	4	28.3	50,000	028851138086	13904		heated	4	33.1	100,000	028851139045
13809		heated	4	28.0	100,000	028851138093	13906		heated	4	22.8	100,000	028851139069
13812		heated	4	11.4	50,000	028851138123	13907		heated	4	22.8	100,000	028851139076
13815		heated	4	34.4	100,000	028851138154	13908		heated	4	17.7	100,000	028851139083
13816		heated	4	17.7	100,000	028851138161	13909		heated	3	19.7	50,000	028851139090
13817		heated	4	26.4	100,000	028851138178	13910		heated	3	19.7	50,000	028851139106
13818		heated	4	29.3	100,000	028851138185	13911		heated	4	28.5	100,000	028851139113
13819		heated	4	22.6	100,000	028851138192	13912		heated	4	31.5	100,000	028851139120
13820		heated	4	38.6	100,000	028851138208	13913		heated	3	10.6	60,000	028851139137
13822		heated	4	22.8	100,000	028851138222	13914		heated	4	30.3	100,000	028851139144
13823		heated	4	34.5	100,000	028851138239	13915		heated	3	12.6	60,000	028851139151
13827	13420	heated	3	11.9	100,000	028851138277	13916		heated	4	22.2	100,000	028851139168
13830		heated	4	18.7	50,000	028851138307	13917		heated	4	30.7	100,000	028851139175
13832		heated	4	10.4	50,000	028851138321	13918		heated	3	22.0	60,000	028851139182
13833	(13425)	heated	4	33.3	50,000	028851138338	13919		heated	4	31.5	100,000	028851139199
13836		unheated	1	17.8	50,000	028851138369	13920		heated	4	26.0	100,000	028851139205
13838		heated	4	29.7	100,000	028851138383	13921		heated	4	26.0	100,000	028851139212
13839		heated	4	32.5	100,000	028851138390	13922		wideband a/f	5	22.4	100,000	028851139229
13840		heated	4.0	20.5	100,000	028851138406	13923		titania	4	20.9	100,000	028851139236
13841		heated	3	14.8	100,000	028851138413	13924		heated	3	27.2	60,000	028851139243
13842		heated	4	28.7	100,000	028851138420	13925		heated	3	29.5	60,000	028851139250
13843		heated	4	14.2	100,000	028851138437	13926		heated	3	37.8	60,000	028851139267
13844		heated	4	12.4	100,000	028851138444	13927		titania	4	20.5	100,000	028851139274
13845	(13745)	heated	4	12.2	100,000	028851138451	13928		unheated	2	16.1	50,000	028851139281
13847		heated	4	15.7	100,000	028851138475	13930		heated	3	27.4	60,000	028851139304
13848		titania	3	16.1	100,000	028851138482	13933		heated	4	23.0	100,000	028851139335
13850		heated	4	39.4	100,000	028851138505	13936		heated	3	54.3	60,000	028851139366
13851		heated	4.0	21.3	100,000	028851138512	13937		heated		12.0	100,000	028851139373
13852		heated	4	16.1	100,000	028851138529	13938		heated	4	22.0	50,000	028851139380
13853		heated	4.0	16.7	100,000	028851138536	13940		heated	4	13.6	100,000	028851139403
13854		heated	4	29.5	100,000	028851138543	13942		heated	3	10.8	60,000	028851139427
13857		heated	4	19.7	100,000	028851138574	13944		heated	4	38.2	100,000	028851139441
13859		heated	4	13.8	100,000	028851138598	13946		titania	3	20.5	50,000	028851139465
13860		heated	4	22.5	100,000	028851138604	13947		unheated	1	15.4	50,000	028851139472
13862		heated	4	24.6	100,000	028851138628	13948		heated	3	15.7	100,000	028851139489



Oxygen Sensors

UPC Cross Reference

						Bosch							
Part No.	(SS to)	Type	Wires	Length (in.)	Check/Replace Interval (Miles)	UPC with Check Digit							
13949		heated	4	31.5	100,000	028851139496	15034		heated	4	17.7	100,000	028851150347
13950		heated	3	15.4	60,000	028851139502	15035		heated	4	26.0	100,000	028851150354
13951		heated	4	36.2	100,000	028851139519	15036		heated	4	16.7	100,000	028851150361
13952		heated	4	28.0	100,000	028851139526	15037		heated	4	28.7	100,000	028851150378
13953		heated	3	19.1	60,000	028851139533	15038	15634	heated	4	9.8	100,000	028851150385
13954		wideband a/f	5	10.8	100,000	028851139540	15039		heated	4	24.8	100,000	028851150392
13955		heated	4	38.2	100,000	028851139557	15040		heated	4	13.8	100,000	028851150408
13956		heated	4	21.3	100,000	028851139564	15041		heated	4	23.6	100,000	028851150415
13957		heated	3	47.6	60,000	028851139571	15042		heated	4	21.3	100,000	028851150422
13958		wideband a/f	5	11.4	100,000	028851139588	15043		heated	4	10.8	100,000	028851150439
13959		heated	4	21.5	100,000	028851139595	15044		heated	4	36.4	100,000	028851150446
13960		heated	4	25.2	100,000	028851139601	15045		heated	4	23.5	100,000	028851150453
13961		heated	4	23.6	100,000	028851139618	15046		heated	4	27.2	100,000	028851150460
13962		heated	4	31.7	100,000	028851139625	15047		heated	4	22.0	100,000	028851150477
13963		unheated	1	32.0	60,000	028851139632	15048		heated	4	16.1	100,000	028851150484
13964		heated	3	11.8	100,000	028851139649	15050		heated	4.0	10.8	100,000	028851150507
13965		wideband a/f	5	21.7	100,000	028851139656	15051		heated	4	20.5	100,000	028851150514
13966 (13256)		heated	4	16.7	100,000	028851139663	15052		wideband a/f	4.0	12.6	100,000	028851150521
13967		heated	4	15.7	100,000	028851139670	15054		heated	4	35.4	100,000	028851150545
13968		heated	3	15.0	100,000	028851139687	15055		heated	4	15.6	100,000	028851150552
13969		heated	4	21.7	100,000	028851139694	15056		heated	4	32.3	100,000	028851150569
13970		heated	4	9.8	100,000	028851139700	15057		heated	4	20.9	100,000	028851150576
13971		heated	4	12.0	100,000	028851139717	15058		heated	4	25.2	100,000	028851150583
13972		titania	3	31.9	50,000	028851139724	15059		heated	4	21.1	100,000	028851150590
13974		heated	4	24.6	100,000	028851139748	15061		heated	4	35.6	100,000	028851150613
13975 (13938)		heated	4	18.9	100,000	028851139755	15062		heated	4	68.1	100,000	028851150620
13976 (15479)		heated	4	22.6	100,000	028851139762	15063		heated	4	26.0	100,000	028851150637
13977		heated	4	18.7	100,000	028851139779	15064		heated	4.0		100,000	028851150644
13978		heated	4	17.7	100,000	028851139786	15065		heated	4.0	47.8	100,000	028851150651
13979		heated	4	18.7	100,000	028851139793	15066		heated	4.0	35.0	100,000	028851150668
13981		titania	4	25.2	100,000	028851139816	15068		heated	4.0	24.8	100,000	028851150682
13982		heated	4	10.6	100,000	028851139823	15069		heated	4	27.6	100,000	028851150699
13983		heated	4	15.2	100,000	028851139830	15070		wideband a/f	5.0	11.6	100,000	028851150705
13986		heated	4	35.8	100,000	028851139861	15071		heated	4	23.4	100,000	028851150712
13987 13104		heated	4	7.5	100,000	028851139878	15072		heated	4.0	19.0	100,000	028851150729
13988		heated	4	16.9	100,000	028851139885	15073		heated	4.0	20.8	100,000	028851150736
13989		heated	4	33.9	100,000	028851139892	15074		heated	4	17.5	100,000	028851150743
13992 (15244)		heated	4	27.6	100,000	028851139922	15075		heated	2	47.8	100,000	028851150750
13995 13540		wideband a/f	4	13.0	100,000	028851139953	15076		heated	4.0	21.7	100,000	028851150767
13996		wideband a/f	4	11.4	100,000	028851139960	15077 13441		heated	4	10.8	100,000	028851150774
13997		wideband a/f	4	15.7	100,000	028851139977	15079		heated	4.0	16.1	100,000	028851150798
13998		wideband a/f	4	16.1	100,000	028851139984	15080		heated	4.0	20.3	100,000	028851150804
15000		heated	4	11.4	100,000	028851150002	15081 15400		wideband a/f	4.0	16.1	100,000	028851150811
15001		heated	4	12.7	100,000	028851150019	15082		wideband a/f	4.0	20.5	100,000	028851150828
15002		heated	4.0	23.3	100,000	028851150026	15083		heated	4	44.9	100,000	028851150835
15003		heated	4	23.2	100,000	028851150033	15084		heated	4.0	26.2	100,000	028851150842
15004		heated	4	23.6	100,000	028851150040	15085		heated	4.0	20.5	100,000	028851150859
15005		heated	4	10.4	100,000	028851150057	15086		heated	4.0	25.6	100,000	028851150866
15006		heated	4.0	10.8	100,000	028851150064	15087		heated	4.0	29.5	100,000	028851150873
15007 15511					100,000	028851150071	15088		heated	4	31.9	100,000	028851150880
15009		heated	4	21.3	100,000	028851150095	15089		heated	4.0	7.5	100,000	028851150897
15011		heated	4.0	27.6	100,000	028851150118	15090		heated	4	25.8	100,000	028851150903
15013		heated	4.0	7.2	100,000	028851150132	15091 15487		heated			100,000	028851150910
15015		wideband a/f	4.0	15.0	100,000	028851150156	15092		heated	4	23.4	100,000	028851150927
15017		wideband a/f	4.0	13.0	100,000	028851150170	15093		wideband a/f	4.0	16.1	100,000	028851150934
15019		wideband a/f	4	30.3	100,000	028851150194	15094		heated	4	12.6	100,000	028851150941
15021		heated	4	20.5	100,000	028851150217	15095		wideband a/f	4.0	14.0	100,000	028851150958
15024		heated	4	40.9	100,000	028851150248	15096 15487		heated			100,000	028851150965
15025		heated	4	21.7	100,000	028851150255	15097		heated	4	19.8	100,000	028851150972
15026		heated	4	42.5	100,000	028851150262	15098		heated	4	65.4	100,000	028851150989
15027		heated	4	27.2	100,000	028851150279	15099		heated	4	83.7	100,000	028851150996
15028		heated	4	17.3	100,000	028851150286	15100		heated	4.0	7.5	100,000	028851151009
15029 (15028)		heated	4	17.3	100,000	028851150293	15101		heated	4.0	7.1	100,000	028851151016
15030		heated	4	12.8	100,000	028851150309	15102 (13420)		heated	3	11.6	100,000	028851151023
15031		heated	4	26.8	100,000	028851150316	15103		heated	1.0	8.5	100,000	028851151030
15032		heated	4	19.7	100,000	028851150323	15104		heated	1.0	7.5	100,000	028851151047
15033		heated	4	17.7	100,000	028851150330	15105		heated	4.0	20.5	100,000	028851151054



Oxygen Sensors

UPC Cross Reference

						Bosch			UPC with			
Part No.	(SS to)	Type	Wires	Length (in.)	Check/Replace Interval (Miles)	Check Digit						
15106		heated	4.0	8.7	100,000	028851151061	15174	heated	4.0	100,000	028851151740	
15107		heated	4.0	9.4	100,000	028851151078	15175	heated	4	13.4	100,000	028851151757
15108		wideband a/f	4.0	8.5	100,000	028851151085	15176	wideband a/f	5.0	23.2	100,000	028851151764
15109		heated	4	38.6	100,000	028851151092	15177	wideband a/f	4.0		100,000	028851151771
15110		wideband a/f	4.0	8.7	100,000	028851151108	15178	heated	4.0		100,000	028851151788
15111		heated	4.0	7.1	100,000	028851151115	15179	heated	4.0		100,000	028851151795
15112		heated	4.0	9.1	100,000	028851151122	15180	heated	4.0		100,000	028851151801
15113		heated	4	11.2	100,000	028851151139	15181	heated	4.0		100,000	028851151818
15114		heated	4	17.9	100,000	028851151146	15182	heated	4	9.6	100,000	028851151825
15116		heated	4.0	18.1	100,000	028851151160	15183	heated	4	15.9	100,000	028851151832
15117		heated	4.0	8.5	100,000	028851151177	15184	wideband a/f	4.0	18.5	100,000	028851151849
15118		wideband a/f	4.0	10.2	100,000	028851151184	15185	heated	4.0		100,000	028851151856
15119		heated	4.0	21.5	100,000	028851151191	15186	15717 heated			100,000	028851151863
15120		heated	4.0	21.3	100,000	028851151207	15187	heated	4.0		100,000	028851151870
15121		heated	4.0	43.7	100,000	028851151214	15188	heated	4.0		100,000	028851151887
15122		heated	4.0	18.1	100,000	028851151221	15189	heated	4.0		100,000	028851151894
15123		heated	4.0	17.9	100,000	028851151238	15190	heated	4.0		100,000	028851151900
15124		heated	4.0	12.3	100,000	028851151245	15191	heated	4.0		100,000	028851151917
15125		heated	4.0	21.5	100,000	028851151252	15193	heated	4.0		100,000	028851151931
15126		heated	4.0	43.3	100,000	028851151269	15194	heated	4.0		100,000	028851151948
15127		heated	4.0	28.4	100,000	028851151276	15195	heated	4.0	9.7	100,000	028851151955
15128		heated	4		100,000	028851151283	15196	heated	4.0	15.6	100,000	028851151962
15129		heated	4		100,000	028851151290	15197	wideband a/f	4.0	19.7	100,000	028851151979
15130		heated	4.0		100,000	028851151306	15198	wideband a/f	4.0	13.2	100,000	028851151986
15131		heated	4.0		100,000	028851151313	15199	heated	4	9.8	100,000	028851151993
15132		heated	4.0		100,000	028851151320	15200	heated	4	14.0	100,000	028851152006
15133		heated	4.0		100,000	028851151337	15201				100,000	028851152013
15134		heated	4.0		100,000	028851151344	15202	heated	4	9.1	100,000	028851152020
15135	15156				100,000	028851151351	15207	titania	4	70.9	50,000	028851152075
15136		heated	4.0	12.4	100,000	028851151368	15208	heated	4	29.9	100,000	028851152082
15137		heated	4.0	16.3	100,000	028851151375	15209	heated	3	21.7	50,000	028851152099
15138		Heated	4.0	41.1	100,000	028851151382	15210	heated	4	35.8	100,000	028851152105
15139		heated	4.0	12.2	100,000	028851151399	15211	heated	4	31.1	100,000	028851152112
15140		Heated	4.0	14.6	100,000	028851151405	15212	heated	4	31.1	100,000	028851152129
15141		heated	4	29.1	100,000	028851151412	15213	13353 heated	4	27.6	100,000	028851152136
15142		heated	4	13.8	100,000	028851151429	15214	heated	4	52.0	100,000	028851152143
15143		wideband a/f	5.0	12.2	100,000	028851151436	15215	heated	4	19.3	100,000	028851152150
15144		heated	4.0	37.4	100,000	028851151443	15217	wideband a/f	4	10.8	100,000	028851152174
15145		Heated	4.0	31.5	100,000	028851151450	15218	heated	4	12.8	100,000	028851152181
15146		wideband a/f	5.0	37.4	100,000	028851151467	15220	heated	4	31.7	100,000	028851152204
15147		heated	4.0	31.5	100,000	028851151474	15221	(15583) heated	4	25.2	100,000	028851152211
15148		Heated	4.0	15.8	100,000	028851151481	15222	heated	4	24.6	100,000	028851152228
15149		Heated	4.0	12.8	100,000	028851151498	15223	heated	4	15.2	100,000	028851152235
15150		heated	4.0	15.0	100,000	028851151504	15224	heated	4	31.5	100,000	028851152242
15151		heated	4.0	14.8	100,000	028851151511	15225	heated	4	41.3	100,000	028851152259
15152		heated	4.0	9.8	100,000	028851151528	15226	15290 heated	4	21.1	100,000	028851152266
15153		heated	4.0	18.9	100,000	028851151535	15227				100,000	028851152273
15154		Heated	4.0	9.8	100,000	028851151542	15228	heated	4	16.9	100,000	028851152280
15155		heated	4	12.2	100,000	028851151559	15231	13355 heated	4	12.2	100,000	028851152310
15156		heated	4	12.2	100,000	028851151566	15232	heated			100,000	028851152327
15157		heated	4.0		100,000	028851151573	15233	heated	4	15.6	100,000	028851152334
15158		heated	4.0		100,000	028851151580	15234	heated	4	42.9	100,000	028851152341
15159		Heated	4.0	9.1	100,000	028851151597	15235	heated	4	81.5	100,000	028851152358
15160		heated	4	55.1	100,000	028851151603	15236	heated			100,000	028851152365
15161		heated	4	9.8	100,000	028851151610	15237	unheated	2	9.1	60,000	028851152372
15162	15284	heated			100,000	028851151627	15238	13619 heated	4	18.9	100,000	028851152389
15163		wideband a/f	4.0	14.8	100,000	028851151634	15239	heated	4	23.0	100,000	028851152396
15164		heated	4.0	15.0	100,000	028851151641	15240	heated			100,000	028851152402
15165		heated	4.0	25.6	100,000	028851151658	15241	heated	4	11.4	100,000	028851152419
15166	(15165)	heated	4.0	25.6	100,000	028851151665	15242	unheated	1	18.5	100,000	028851152426
15167		heated	4.0	20.9	100,000	028851151672	15243	heated	4	21.3	100,000	028851152433
15168		heated	4.0	36.2	100,000	028851151689	15244	heated	4	31.5	100,000	028851152440
15169		wideband a/f	4.0	19.7	100,000	028851151696	15245	heated	4	19.9	100,000	028851152457
15170		heated	4.0	20.9	100,000	028851151702	15246	heated	4	33.1	100,000	028851152464
15171		wideband a/f	4.0	19.7	100,000	028851151719	15247	heated	4	18.9	100,000	028851152471
15172		Heated	4.0	20.9	100,000	028851151726	15248	heated	4	11.4	100,000	028851152488
15173		heated	4.0		100,000	028851151733	15250	heated	4	20.1	100,000	028851152501



Oxygen Sensors

UPC Cross Reference

						Bosch							
Part No.	(SS to)	Type	Wires	Length (in.)	Check/Replace Interval (Miles)	UPC with Check Digit							
15251		heated	4	13.8	100,000	028851152518	15328	(13289)	heated	4	17.7	100,000	028851153287
15252					100,000	028851152525	15330		heated	4	25.4	100,000	028851153300
15253		heated	4	30.3	100,000	028851152532	15334					100,000	028851153348
15254		heated	4	11.8	100,000	028851152549	15335		heated	4	44.5	100,000	028851153355
15255		heated	4	58.5	100,000	028851152556	15336	13469	heated	4	18.1	100,000	028851153362
15257		heated	4	20.5	100,000	028851152570	15337					100,000	028851153379
15260		wideband a/f	4	10.6	100,000	028851152600	15338		heated	4	15.6	60,000	028851153386
15261		heated	4	72.4	100,000	028851152617	15339		Heated	4.0	13.4	100,000	028851153393
15262	(13287)	heated	4	12.2	100,000	028851152624	15340		heated	3	11.0	100,000	028851153409
15263		heated	4	25.2	100,000	028851152631	15341					100,000	028851153416
15264		wideband a/f	4	9.8	100,000	028851152648	15342		heated	4	20.5	100,000	028851153423
15265		heated	4	16.9	100,000	028851152655	15343		heated	3	18.7	100,000	028851153430
15266		heated	4	18.1	100,000	028851152662	15345		heated	4	20.5	100,000	028851153454
15267		heated	4	25.0	100,000	028851152679	15346					100,000	028851153461
15268		wideband a/f	4	10.6	100,000	028851152686	15347		heated	4	9.3	100,000	028851153478
15269		heated	4	29.5	100,000	028851152693	15348		heated	4	13.8	100,000	028851153485
15270		heated	4	29.5	100,000	028851152709	15349		heated	4	18.9	100,000	028851153492
15271		unheated	1	13.9	50,000	028851152716	15350		heated	4	15.6	100,000	028851153508
15272		heated	4	31.5	100,000	028851152723	15351		heated	4	15.6	100,000	028851153515
15273		heated	4	16.9	100,000	028851152730	15352		heated	4	34.6	100,000	028851153522
15274		heated	4	13.9	100,000	028851152747	15353		heated	4	17.3	100,000	028851153539
15275		heated	4	16.1	100,000	028851152754	15354		heated	4	32.3	100,000	028851153546
15276		heated	4	16.9	100,000	028851152761	15355		heated	3	37.0	100,000	028851153553
15278		heated	4	12.2	100,000	028851152785	15356	15514	heated	4	14.6	100,000	028851153560
15279	13193	heated	4	15.7	100,000	028851152792	15357		heated	4	21.3	100,000	028851153577
15280		heated	4	13.2	100,000	028851152808	15358		heated	4	22.8	100,000	028851153584
15282		heated	4	14.8	100,000	028851152822	15359		heated	4	23.4	100,000	028851153591
15283		heated	4	21.9	100,000	028851152839	15360		heated	4	16.5	100,000	028851153607
15284		heated	4	15.9	100,000	028851152846	15361	15514	heated	4	13.6	100,000	028851153614
15285		heated	4	16.9	100,000	028851152853	15362		heated	3	18.9	100,000	028851153621
15286		wideband a/f	4	11.6	100,000	028851152860	15363		heated	3	11.2	100,000	028851153638
15287		heated	4	12.2	100,000	028851152877	15364					100,000	028851153645
15288	13035	heated	4	24.8	100,000	028851152884	15365		heated	4	15.2	100,000	028851153652
15289		heated	4	21.5	100,000	028851152891	15366		heated	4	11.8	100,000	028851153669
15290		heated	4	23.6	100,000	028851152907	15367		heated			100,000	028851153676
15291	(15290)	heated	4	19.3	100,000	028851152914	15368		heated	4	14.4	100,000	028851153683
15293		heated	4	16.7	100,000	028851152938	15369		heated	4	14.8	100,000	028851153690
15294		heated	4	23.8	100,000	028851152945	15370		heated	4	14.4	100,000	028851153706
15295		heated	4	8.7	100,000	028851152952	15371		heated	3	15.0	100,000	028851153713
15296		heated			100,000	028851152969	15372	(17264)	wideband a/f	5	13.0	100,000	028851153720
15297		heated	4	15.0	100,000	028851152976	15373		heated	4	18.5	100,000	028851153737
15299		heated	4	16.7	100,000	028851152990	15374		wideband a/f	5	24.4	100,000	028851153744
15300		heated	4	11.8	100,000	028851153003	15375		heated	4	11.4	100,000	028851153751
15301	(13718)	heated	4	10.8	100,000	028851153010	15376					100,000	028851153768
15302	13672	heated	4	15.0	100,000	028851153027	15377		heated	4	35.0	100,000	028851153775
15303	(13610)	heated	4	11.8	100,000	028851153034	15378		heated	4	24.0	100,000	028851153782
15305	13664	heated	4	11.8	100,000	028851153058	15379		heated	4	10.2	100,000	028851153799
15306		heated	4	18.1	100,000	028851153065	15380		heated	4	14.4	100,000	028851153805
15307	(13610)	heated	4	11.8	100,000	028851153072	15381			4	14.4	100,000	028851153812
15308		heated	4	18.1	100,000	028851153089	15382		heated	4	14.4	100,000	028851153829
15309		heated	4	18.7	100,000	028851153096	15383					100,000	028851153836
15310		heated	4	14.8	100,000	028851153102	15384		heated	4	10.4	100,000	028851153843
15312		heated	4	26.0	100,000	028851153126	15385		heated	4	25.2	100,000	028851153850
15313		heated	4	23.6	100,000	028851153133	15386		heated	4	21.7	100,000	028851153867
15314		heated	4	14.8	100,000	028851153140	15387		heated	4	18.1	100,000	028851153874
15315		heated	4	23.6	100,000	028851153157	15388		wideband a/f	5	13.8	100,000	028851153881
15316		heated	4	13.0	100,000	028851153164	15389		heated	4	28.7	100,000	028851153898
15318		heated			100,000	028851153188	15390	(13075)	heated	4	10.2	100,000	028851153904
15319		heated	4	32.1	100,000	028851153195	15391		heated	4	21.1	100,000	028851153911
15320					100,000	028851153201	15392	13256	heated	4	16.1	100,000	028851153928
15321		heated	4	16.5	100,000	028851153218	15393		wideband a/f	5	8.3	100,000	028851153935
15322		heated	4	22.4	100,000	028851153225	15394		wideband a/f	4	8.1	100,000	028851153942
15323		heated	4	20.9	100,000	028851153232	15395	(15394)	heated	4	8.1	100,000	028851153959
15324	15314	heated	4	12.2	100,000	028851153249	15396		unheated	1	15.0	100,000	028851153966
15325		heated	4	23.6	100,000	028851153256	15397	13680	wideband a/f	4	13.4	100,000	028851153973
15326		heated	4	18.5	100,000	028851153263	15398		heated	4	19.7	100,000	028851153980
15327		heated	4	19.7	100,000	028851153270	15399	13680	heated	4	11.8	100,000	028851153997



Oxygen Sensors

UPC Cross Reference

							Bosch						
Part No.	(SS to)	Type	Wires	Length (in.)	Check/Replace Interval (Miles)	UPC with Check Digit							
15553	(15280)	heated	4	12.2	100,000	028851155533	15623	(15486)	wideband a/f	4	19.7	100,000	028851156233
15554	(13455)	heated	4	12.2	100,000	028851155540	15624		wideband a/f	4	14.2	100,000	028851156240
15555		heated	4	23.0	100,000	028851155557	15625	(15635)	heated	4	24.8	100,000	028851156257
15557	(15561)	heated	4	12.2	100,000	028851155571	15626		heated	4	21.7	100,000	028851156264
15558		wideband a/f	4	15.7	100,000	028851155588	15627		wideband a/f	4	17.7	100,000	028851156271
15559		heated	4	21.7	100,000	028851155595	15630		heated	4	22.4	100,000	028851156301
15560	15290	heated	4	19.3	100,000	028851155601	15633		unheated	2	19.7	50,000	028851156332
15561		heated	4	12.4	100,000	028851155618	15634		heated	4	9.8	100,000	028851156349
15562		heated	4	22.0	100,000	028851155625	15635		heated	4	24.8	100,000	028851156356
15563	(13178)	heated	4	14.8	100,000	028851155632	15636		wideband a/f	4	21.9	100,000	028851156363
15564		heated	4	12.4	100,000	028851155649	15637		heated	4	32.7	100,000	028851156370
15565	13455	heated	4	9.6	100,000	028851155656	15638		heated	4	17.5	100,000	028851156387
15566	(15487)	heated	4	12.8	100,000	028851155663	15639	13361	heated	4	29.6	100,000	028851156394
15567	(13355)	heated	4	9.1	100,000	028851155670	15640					100,000	028851156400
15568		heated	4	29.9	100,000	028851155687	15641		heated	4	9.1	100,000	028851156417
15569		heated	4	13.7	100,000	028851155694	15642		heated	4	14.6	100,000	028851156424
15570		heated	4	25.5	100,000	028851155700	15643		heated	4	16.1	100,000	028851156431
15571		wideband a/f	4	11.8	100,000	028851155717	15644		heated	4	21.9	100,000	028851156448
15572		wideband a/f	4	11.3	100,000	028851155724	15645		heated	4	15.6	100,000	028851156455
15574			4	11.0	100,000	028851155748	15646		wideband a/f	5	18.1	100,000	028851156462
15575	13371	heated	4	11.9	100,000	028851155755	15647		heated	4	9.1	100,000	028851156479
15576		heated	4	32.4	100,000	028851155762	15648		heated	4	11.8	100,000	028851156486
15577	13822	heated	4	20.8	100,000	028851155779	15649		heated	4		100,000	028851156493
15578		heated	4	27.5	100,000	028851155786	15650		heated	4	15.9	100,000	028851156509
15579	15514	heated	4	13.8	100,000	028851155793	15651		heated	4	12.9	100,000	028851156516
15580		heated	4	27.9	100,000	028851155809	15652		heated	4	24.8	100,000	028851156523
15581		heated	4	32.6	100,000	028851155816	15653		heated	4	24.8	100,000	028851156530
15582		heated	4	18.1	100,000	028851155823	15654		heated	4	12.1	100,000	028851156547
15583		heated	4	26.6	100,000	028851155830	15655		heated	4	18.1	100,000	028851156554
15584		heated	4	9.4	100,000	028851155847	15656		heated	4	8.5	100,000	028851156561
15585	(15515)	heated	4	18.7	100,000	028851155854	15657		heated	4	25.9	100,000	028851156578
15586		wideband a/f	4	21.9	100,000	028851155861	15658		heated	4	28.0	100,000	028851156585
15587	(15360)	heated	4	16.4	100,000	028851155878	15659		heated	4	17.2	100,000	028851156592
15588		heated	4	18.7	100,000	028851155885	15660	13751	heated	4	23.4	100,000	028851156608
15589		heated	4	26.0	100,000	028851155892	15661		heated	4	14.7	100,000	028851156615
15590		heated	4	19.1	100,000	028851155908	15662	15659	heated	4	14.1	100,000	028851156622
15591		heated	4	15.7	100,000	028851155915	15663		heated	4	17.9	100,000	028851156639
15592		heated	4	18.9	100,000	028851155922	15664		heated	4	11.0	100,000	028851156646
15593		heated	4	22.5	100,000	028851155939	15665		heated	4	20.9	100,000	028851156653
15594	(15583)	heated	4	26.3	100,000	028851155946	15666		heated	4	10.6	100,000	028851156660
15595	15462	heated	4	23.6	100,000	028851155953	15667		wideband a/f	5	20.9	100,000	028851156677
15596	(15600)	heated	4	27.6	100,000	028851155960	15668		heated	4	11.2	100,000	028851156684
15597		heated	4	21.7	100,000	028851155977	15669		heated	4	38.4	100,000	028851156691
15598	15583	heated	4	24.4	100,000	028851155984	15670		heated	4	7.2	100,000	028851156707
15599		heated	4	23.5	100,000	028851155991	15671		heated	4	10.2	100,000	028851156714
15600		heated	4	27.2	100,000	028851156004	15672		heated	4	10.2	100,000	028851156721
15601		heated	4	17.2	100,000	028851156011	15674		heated	4	9.1	100,000	028851156745
15602		heated	4	22.8	100,000	028851156028	15675		heated	4.0	34.3	100,000	028851156752
15603		heated	4	29.1	100,000	028851156035	15677		heated	4	14.4	100,000	028851156776
15604	(15615)	heated	4	24.4	100,000	028851156042	15679	13394	heated	4	13.6	100,000	028851156790
15605		heated	4	24.4	100,000	028851156059	15680		heated	4	38.6	100,000	028851156806
15606		heated	4	24.0	100,000	028851156066	15681		heated	4	25.8	100,000	028851156813
15607		heated	4	21.7	100,000	028851156073	15682		heated	4	16.7	100,000	028851156820
15608		heated	4	17.5	100,000	028851156080	15683		heated	4	17.7	100,000	028851156837
15609		heated	4	23.1	100,000	028851156097	15684		heated	4	8.4	100,000	028851156844
15610		heated	4	24.0	100,000	028851156103	15685		heated	4	7.5	100,000	028851156851
15611		heated	4	23.9	100,000	028851156110	15686		heated	4	15.7	100,000	028851156868
15613		heated	4	11.1	100,000	028851156134	15687		heated	4	16.3	100,000	028851156875
15614		heated	4	18.9	100,000	028851156141	15688		heated	4	8.3	100,000	028851156882
15615		heated	4	24.3	100,000	028851156158	15689		heated	4	7.2	100,000	028851156899
15616	(13720)	heated	4	9.4	100,000	028851156165	15690		heated	4	14.4	100,000	028851156905
15617		heated	4	13.4	100,000	028851156172	15691		heated	4	18.5	100,000	028851156912
15618	(15087)	heated	4	29.5	100,000	028851156189	15692		heated	4	17.7	100,000	028851156929
15619	13355	heated	4	13.4	100,000	028851156196	15695		heated	4	31.3	100,000	028851156950
15620		heated	4	26.0	100,000	028851156202	15696					100,000	028851156967
15621		heated	4	22.4	100,000	028851156219	15697		heated	4	10.0	100,000	028851156974
15622		wideband a/f	4	11.4	100,000	028851156226	15698		heated	4	15.0	100,000	028851156981

UPC Cross Reference

Oxygen Sensors

						Bosch							
Part No.	(SS to)	Type	Wires	Length (in.)	Check/Replace Interval (Miles)	UPC with Check Digit							
15699		heated	4	26.0	100,000	028851156998	15800		heated	4	20.5	100,000	028851158008
15700		heated	3	12.2	100,000	028851157001	15801		heated	4	25.8	100,000	028851158015
15701		heated	3	15.0	100,000	028851157018	15802		heated	4	14.6	100,000	028851158022
15702		heated	4	12.2	100,000	028851157025	15804		heated	4.0	18.1	100,000	028851158046
15703		heated	4	12.2	100,000	028851157032	15806		heated	4	25.4	100,000	028851158060
15704		heated	4	21.9	100,000	028851157049	15810		heated	4	30.1	100,000	028851158107
15705		heated	4	11.8	100,000	028851157056	15811		heated	4	12.6	100,000	028851158114
15706		heated	4	59.1	60,000	028851157063	15812		heated	4	33.9	100,000	028851158121
15707		heated	4	35.1	60,000	028851157070	15814		heated	4	17.3	100,000	028851158145
15708		heated	4	11.1	100,000	028851157087	15815		heated	4	28.7	100,000	028851158152
15709		heated	3	13.8	100,000	028851157094	15816					100,000	028851158169
15710		heated	4	13.9	100,000	028851157100	15817		heated	4	18.5	100,000	028851158176
15711		heated	4	19.1	100,000	028851157117	15818		heated	4	17.1	100,000	028851158183
15712		heated	4	17.6	100,000	028851157124	15819		heated	3	13.0	100,000	028851158190
15716		heated	4	10.6	100,000	028851157162	15820		heated	3	11.4	100,000	028851158206
15717		heated	4	15.4	100,000	028851157179	15821		heated	3	34.4	100,000	028851158213
15718		heated	4	18.9	100,000	028851157186	15822		heated	4	18.1	100,000	028851158220
15719		heated	4	21.8	100,000	028851157193	15823		heated	4	30.7	100,000	028851158237
15723					100,000	028851157230	15824		wideband a/f	4	11.8	100,000	028851158244
15724		heated	4	18.1	100,000	028851157247	15825				18.1	100,000	028851158251
15725		heated	3	25.6	60,000	028851157254	15846		heated	4	11.8	100,000	028851158466
15726		heated	3	25.6	60,000	028851157261	15848		heated	4	12.6	100,000	028851158480
15727		heated	4	25.6	60,000	028851157278	15857		heated	4	32.7	100,000	028851158572
15728		heated	4	25.6	60,000	028851157285	15867		heated	4	44.9	100,000	028851158671
15729		heated	4	25.6	60,000	028851157292	15871		heated	4	49.6	100,000	028851158718
15730		heated	4	25.6	60,000	028851157308	15873		heated	4	43.3	100,000	028851158732
15731		heated	4	25.6	60,000	028851157315	15879	13273	heated	4	16.7	100,000	028851158794
15732		heated	4	25.6	100,000	028851157322	15881		heated	4	31.3	100,000	028851158817
15733		heated	4	26.0	100,000	028851157339	15892	13361		4	27.6	100,000	028851158923
15735		heated	3	25.6	100,000	028851157353	15906		wideband a/f	5	11.0	100,000	028851159067
15736		heated	4	25.6	100,000	028851157360	15908	13256	heated	4	16.3	100,000	028851159081
15737		heated	3	25.6	100,000	028851157377	15910		wideband a/f	5	11.4	100,000	028851159104
15738		heated	4	25.6	100,000	028851157384	15912		heated	4	25.5	100,000	028851159128
15739		heated	4	25.6	100,000	028851157391	15914		heated	4	30.7	100,000	028851159142
15752		heated	4	15.6	100,000	028851157520	15916		heated	4	32.3	100,000	028851159166
15753		heated	4	12.2	100,000	028851157537	15918		heated	4	18.1	100,000	028851159180
15755		heated	4	10.6	100,000	028851157551	15922		heated	4	28.0	100,000	028851159227
15756		heated	4	8.3	100,000	028851157568	15924		heated	4	21.7	100,000	028851159241
15757		heated	4	10.2	100,000	028851157575	15926		wideband a/f	4.0	20.5	100,000	028851159265
15758		heated	4	25.4	100,000	028851157582	15928		wideband a/f	4	37.4	100,000	028851159289
15759		heated	4	43.1	100,000	028851157599	15930		wideband a/f	4	18.5	100,000	028851159302
15761					100,000	028851157612	15932					100,000	028851159326
15762		heated	4	26.0	100,000	028851157629	15934		wideband a/f	4	48.8	100,000	028851159340
15763		heated	4	10.8	100,000	028851157636	15936		heated	4	21.9	100,000	028851159364
15764		heated	4	15.7	100,000	028851157643	15937		heated	4	14.2	100,000	028851159371
15765		heated	4	13.8	100,000	028851157650	15939	15949	heated	4	9.8	100,000	028851159395
15766		heated	4.0	16.6	100,000	028851157667	15942		heated	4	21.1	100,000	028851159425
15767		heated	4	14.6	100,000	028851157674	15943		heated	4	30.7	100,000	028851159432
15768		heated	4	9.6	100,000	028851157681	15944		heated	4	21.7	100,000	028851159449
15769		heated	4	60.0	100,000	028851157698	15946		heated	4	12.2	100,000	028851159463
15772		heated	4	26.4	100,000	028851157728	15948		heated	4	19.3	100,000	028851159487
15774		heated	4	30.3	100,000	028851157742	15949		heated	4	10.6	100,000	028851159494
15776		heated	4	30.3	100,000	028851157766	15950		heated	4.0	16.6	100,000	028851159500
15777					100,000	028851157773	15951		heated	3	9.1	100,000	028851159517
15782		wideband a/f	5	30.3	100,000	028851157827	15952	(15948)	heated	4	17.3	100,000	028851159524
15783		heated	4	25.6	100,000	028851157834	15953		heated	3	14.8	100,000	028851159531
15784		heated	4	9.1	100,000	028851157841	15954		heated	4	14.2	100,000	028851159548
15786		heated	4	17.3	100,000	028851157865	15955		heated	3	15.4	100,000	028851159555
15788		wideband a/f	5	19.5	100,000	028851157889	15956		heated	4	20.1	100,000	028851159562
15790		heated	4	29.5	100,000	028851157902	15957		heated	4	45.3	100,000	028851159579
15792		heated	4	18.3	100,000	028851157926	15958		heated	4	9.4	100,000	028851159586
15793		heated	4	22.8	100,000	028851157933	15959		heated	4	29.3	100,000	028851159593
15794		heated	4	27.6	100,000	028851157940	15960		wideband a/f	4	20.1	100,000	028851159609
15795		heated	4	23.2	100,000	028851157957	15961		heated	4	34.1	100,000	028851159616
15796		heated	4	8.1	100,000	028851157964	15962		wideband a/f	4	11.4	100,000	028851159623
15798		heated	4	20.3	100,000	028851157984	15963		heated	4	11.4	100,000	028851159630
15799		heated	4	14.2	100,000	028851157995	15964		wideband a/f	4	7.9	100,000	028851159647



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						Bosch							
Part No.	(SS to)	Type	Wires	Length (in.)	Check/Replace Interval (Miles)	UPC with Check Digit							
15965		heated	4	28.7	100,000	028851159654	16292		heated	4	37.4	100,000	028851162920
15966		wideband a/f	4	11.4	100,000	028851159661	16296		heated	4	35.2	100,000	028851162968
15967		heated	4	30.5	100,000	028851159678	16300		heated	4	13.8	100,000	028851163002
15968		wideband a/f	4	9.1	100,000	028851159685	16302		heated	4	57.5	100,000	028851163026
15970	13619	heated	4	19.3	100,000	028851159708	16305		heated	4	27.2	100,000	028851163057
15971		heated	3	8.9	100,000	028851159715	16307		heated	4	45.5	100,000	028851163071
15972		heated	4	23.6	100,000	028851159722	16318		heated	4	32.1	100,000	028851163187
15973		heated	4	24.0	100,000	028851159739	16320		heated	4	12.2	100,000	028851163200
15974		wideband a/f	4	14.8	100,000	028851159746	16322		heated	4	25.6	100,000	028851163224
15975		heated	4	28.9	100,000	028851159753	16324		heated	4	22.8	100,000	028851163248
15976	(15290)	heated	4	21.3	100,000	028851159760	16328		heated	4	16.9	100,000	028851163286
15978	(15290)	heated	4	21.7	100,000	028851159784	16330		heated	4	9.4	100,000	028851163309
15980	(15290)	heated	4	19.3	100,000	028851159807	16334		heated	4	29.7	100,000	028851163347
15983		heated	3	34.3	100,000	028851159838	16348		heated	4	9.6	100,000	028851163484
15984		wideband a/f	4	18.9	100,000	028851159845	16353		heated	4	22.2	100,000	028851163538
15986		heated	4	31.1	100,000	028851159869	16359		heated	4	24.8	100,000	028851163590
15988		wideband a/f	4	8.7	100,000	028851159883	16363		heated	4	31.5	100,000	028851163637
15990		heated	4	7.1	100,000	028851159906	16371		heated	4	52.8	100,000	028851163712
15992		heated	4	7.5	100,000	028851159920	16373		heated	4	19.9	100,000	028851163736
15994		heated	4	7.9	100,000	028851159944	16378		heated	4	17.3	100,000	028851163781
15996		wideband a/f	4	7.1	100,000	028851159968	16379		heated	4	13.4	100,000	028851163798
15998		wideband a/f	4	13.0	100,000	028851159982	16383		heated	4	36.2	100,000	028851163835
16039	(16121)	heated	4	35.6	100,000	028851160391	16385		heated	4	26.0	100,000	028851163859
16063		heated	4	12.4	100,000	028851160636	16392		heated	4	12.6	100,000	028851163927
16064		heated	4	40.6	100,000	028851160643	16400		heated	4	31.5	100,000	028851164009
16065		wideband a/f	5	22.4	100,000	028851160650	16404		heated	4	54.9	100,000	028851164047
16066		wideband a/f	5	16.9	100,000	028851160667	16406		heated	4	64.2	100,000	028851164061
16067		heated	4	56.9	100,000	028851160674	16412		heated	4	30.1	100,000	028851164122
16069		heated	4	56.9	100,000	028851160698	16416		heated	4	35.2	100,000	028851164160
16091		heated	4	66.3	100,000	028851160919	16418		heated	4	36.4	100,000	028851164184
16100		heated	4	30.7	100,000	028851161008	16420		heated	4	19.7	100,000	028851164207
16101		heated	4	30.7	100,000	028851161015	16422		heated	4	26.0	100,000	028851164221
16109		heated	4	19.5	100,000	028851161091	16433		heated	4	21.5	100,000	028851164337
16119	16121	heated	4	34.1	100,000	028851161190	16435		heated	4	21.7	100,000	028851164351
16121		heated	4	37.8	100,000	028851161213	16438		heated	4	16.9	100,000	028851164382
16123		heated	4	9.4	100,000	028851161237	16442		heated	4	56.7	100,000	028851164429
16125		heated	4	15.0	100,000	028851161251	16444		heated	4	56.7	100,000	028851164443
16146		heated	4	26.6	100,000	028851161466	16446		heated	4	30.1	100,000	028851164467
16159		heated	4	15.9	100,000	028851161596	16452		heated	4	33.9	100,000	028851164528
16167		heated	4	16.9	100,000	028851161671	16456		heated	4	26.4	100,000	028851164566
16173		heated	4	57.9	100,000	028851161732	16469	16363	heated	4	24.8	100,000	028851164696
16174		heated	4	26.4	100,000	028851161749	16473		heated	4	15.0	100,000	028851164733
16175		heated	4	32.3	100,000	028851161756	16475		heated	4	25.6	100,000	028851164757
16179		heated	4	27.0	100,000	028851161794	16488		heated	4	40.5	100,000	028851164887
16183		heated	4	13.0	100,000	028851161831	16495		heated	4	20.5	100,000	028851164955
16196		heated	4	46.1	100,000	028851161961	16498		heated	4	29.9	100,000	028851164986
16197		heated	4	25.0	100,000	028851161978	16506		heated	4	10.2	100,000	028851165068
16198		heated	4	64.6	100,000	028851161985	16511		heated	4	18.5	100,000	028851165112
16199		heated	4	30.3	100,000	028851161992	16513		heated	4	11.2	100,000	028851165136
16200		heated	4	39.4	100,000	028851162005	16515		heated	4	36.0	100,000	028851165150
16205		heated	4	22.6	100,000	028851162050	16517		heated	4	36.2	100,000	028851165174
16213		heated	4	22.6	100,000	028851162135	16532		heated	4	17.5	100,000	028851165327
16243		heated	4	36.2	100,000	028851162432	16541		heated	4	28.0	100,000	028851165419
16247		heated	4	49.6	100,000	028851162470	16544		heated	4	34.1	100,000	028851165440
16249		heated	4	28.3	100,000	028851162494	16550		heated	4	33.3	100,000	028851165501
16255		heated	4	21.3	100,000	028851162555	16554		heated	4	35.4	100,000	028851165549
16257		heated	4	22.0	100,000	028851162579	16557		heated	4	20.1	100,000	028851165570
16259		heated	4	44.9	100,000	028851162593	16559		heated	4	29.5	100,000	028851165594
16261		heated	4	44.1	100,000	028851162616	16575		heated	4	16.5	100,000	028851165754
16268		heated	4	23.0	100,000	028851162685	16582		heated	4	47.8	100,000	028851165822
16272		heated	4	15.7	100,000	028851162722	16584		heated	4	56.7	100,000	028851165846
16274		heated	4	18.1	100,000	028851162746	16586		heated	4	28.7	100,000	028851165860
16276		heated	4	12.6	100,000	028851162760	16587		heated	4	31.9	100,000	028851165877
16281		heated	4	33.9	100,000	028851162814	16589		heated	4	33.9	100,000	028851165891
16283		heated	4	67.3	100,000	028851162838	16591		heated	4	23.6	100,000	028851165914
16287		heated	4	24.0	100,000	028851162876	16596		heated	4	10.6	100,000	028851165969
16291		heated	4	35.0	100,000	028851162913	16609		heated	4	34.4	100,000	028851166096

UPC Cross Reference

Oxygen Sensors

						Bosch							
Part No.	(SS to)	Type	Wires	Length (in.)	Check/Replace Interval (Miles)	UPC with Check Digit							
16611		heated	4	26.0	100,000	028851166119	17034	wideband a/f	5	19.7	100,000	028851170345	
16613		heated	4	20.1	100,000	028851166133	17035	wideband a/f	5	53.1	100,000	028851170352	
16623		heated	4	16.3	100,000	028851166232	17036	wideband a/f	5	30.1	100,000	028851170369	
16624		heated	4	32.6	100,000	028851166249	17037	wideband a/f	5	13.8	100,000	028851170376	
16659		heated	4	31.5	100,000	028851166591	17038	(15667)	wideband a/f	5	19.9	100,000	028851170383
16661		heated	4	31.1	100,000	028851166614	17039	wideband a/f	5	12.2	100,000	028851170390	
16663		heated	4	59.8	100,000	028851166638	17040	wideband a/f	5	24.8	100,000	028851170406	
16665		heated	4	63.4	100,000	028851166652	17044	wideband a/f	5	28.3	100,000	028851170444	
16667		heated	4	66.5	100,000	028851166676	17045	wideband a/f	5	22.0	100,000	028851170451	
16669		heated	4	65.7	100,000	028851166690	17046	wideband a/f	5	29.9	100,000	028851170468	
16671		heated	4	20.1	100,000	028851166713	17051	wideband a/f	5	23.2	100,000	028851170512	
16682		heated	4	29.1	100,000	028851166829	17053	wideband a/f	5	24.1	100,000	028851170536	
16697		heated	4	29.5	100,000	028851166973	17054	wideband a/f	5	34.3	100,000	028851170543	
16698		heated	4	28.7	100,000	028851166980	17066	wideband a/f	5	11.6	100,000	028851170666	
16700		heated	4	17.5	100,000	028851167000	17068	wideband a/f	5	29.1	100,000	028851170680	
16702		heated	4	17.3	100,000	028851167024	17070	wideband a/f	5	47.2	100,000	028851170703	
16704		heated	4	18.5	100,000	028851167048	17071	wideband a/f	5	27.6	100,000	028851170710	
16717		heated	4	12.2	100,000	028851167178	17082	wideband a/f	5	14.2	100,000	028851170826	
16726		heated	4	20.5	100,000	028851167260	17084	wideband a/f	5	12.2	100,000	028851170840	
16727		heated	4	24.8	100,000	028851167277	17085	wideband a/f	5	42.1	100,000	028851170857	
16729		heated	4	24.8	100,000	028851167291	17086	wideband a/f	5	26.8	100,000	028851170864	
16741		heated	4	19.5	100,000	028851167413	17088	wideband a/f	5	30.3	100,000	028851170888	
16746		heated	4	9.8	100,000	028851167468	17090	wideband a/f	5	46.7	100,000	028851170901	
16747		heated	4	18.1	100,000	028851167475	17091	wideband a/f	5	42.1	100,000	028851170918	
16749		heated	4	11.8	100,000	028851167499	17093	wideband a/f	5	20.5	100,000	028851170932	
16785		heated	4	31.1	100,000	028851167857	17094	wideband a/f	5	40.2	100,000	028851170949	
16792		heated	4	16.5	100,000	028851167925	17095	wideband a/f	5	12.6	100,000	028851170956	
16793		heated	4	11.6	100,000	028851167932	17097	wideband a/f	5	18.1	100,000	028851170970	
16794		heated	4	16.5	100,000	028851167949	17098	wideband a/f	5	53.9	100,000	028851170987	
16795		heated	4	20.9	100,000	028851167956	17099	wideband a/f	5	34.6	100,000	028851170994	
16796		heated	4	18.1	100,000	028851167963	17101	wideband a/f	5	28.7	100,000	028851171014	
16797		heated	4	27.0	100,000	028851167970	17105	wideband a/f	5	33.1	100,000	028851171052	
16808		heated	4	15.7	100,000	028851168083	17109	wideband a/f	5	35.4	100,000	028851171090	
16809		heated	4	13.8	100,000	028851168090	17112	wideband a/f	5	26.8	100,000	028851171120	
16816		heated	4	26.0	100,000	028851168168	17113	wideband a/f	5	24.8	100,000	028851171137	
16825		heated	4	21.7	100,000	028851168250	17114	wideband a/f	5	11.4	100,000	028851171144	
16826		heated	4	23.0	100,000	028851168267	17115	wideband a/f	5		100,000	028851171151	
16828		heated	4	9.8	100,000	028851168281	17116	wideband a/f	5	31.5	100,000	028851171168	
16837		heated	4	18.5	100,000	028851168373	17117	wideband a/f	5	59.4	100,000	028851171175	
16839		heated	4	26.8	100,000	028851168397	17121	wideband a/f	5	40.2	100,000	028851171212	
16849		heated	4	50.8	100,000	028851168496	17124	wideband a/f	5	36.2	100,000	028851171243	
16851		heated	4	50.0	100,000	028851168519	17125	wideband a/f	5	29.1	100,000	028851171250	
16861		heated	4	14.3	100,000	028851168618	17126	wideband a/f	5	25.6	100,000	028851171267	
16864		heated	4	11.6	100,000	028851168649	17134	(17036)	wideband a/f	5	30.1	100,000	028851171342
16887		heated	4	12.6	100,000	028851168878	17135	wideband a/f	5	34.3	100,000	028851171359	
16889		heated	4	11.4	100,000	028851168892	17137	wideband a/f	5	44.9	100,000	028851171373	
16891		heated	4	21.7	100,000	028851168915	17138	wideband a/f	5	19.7	100,000	028851171380	
16893		heated	4	32.3	100,000	028851168939	17140	wideband a/f	5	31.1	100,000	028851171403	
16919		heated	4	21.5	100,000	028851169196	17149	wideband a/f	5	39.0	100,000	028851171496	
16958		heated	4	21.7	100,000	028851169585	17157	wideband a/f	5	57.1	100,000	028851171571	
17001		wideband a/f	5	18.5	100,000	028851170017	17158	wideband a/f	5	57.7	100,000	028851171588	
17002		wideband a/f	5	40.6	100,000	028851170024	17160	wideband a/f	5	23.2	100,000	028851171601	
17003		Typ. Len	5	26.6	100,000	028851170031	17161	wideband a/f	5	33.1	100,000	028851171618	
17004		wideband a/f	5	12.6	100,000	028851170048	17163	wideband a/f	5	41.7	100,000	028851171632	
17005		wideband a/f	5		100,000	028851170055	17174	wideband a/f	5	30.3	100,000	028851171748	
17014		wideband a/f	5	28.9	100,000	028851170147	17175	wideband a/f	5	37.8	100,000	028851171755	
17016		wideband a/f	5	20.9	100,000	028851170161	17176	wideband a/f	5	37.8	100,000	028851171762	
17018		wideband a/f	5	16.9	100,000	028851170185	17177	wideband a/f	5	11.4	100,000	028851171779	
17019		wideband a/f	5	31.5	100,000	028851170192	17179	wideband a/f	5	18.5	100,000	028851171793	
17020		wideband a/f	5	48.4	100,000	028851170208	17183	wideband a/f	5	30.3	100,000	028851171830	
17022		wideband a/f	5		100,000	028851170222	17185	(17264)	wideband a/f	5	14.6	100,000	028851171854
17024		wideband a/f	5		100,000	028851170246	17188	wideband a/f	5	39.0	100,000	028851171885	
17028		wideband a/f	5	24.4	100,000	028851170284	17189	wideband a/f	5	34.6	100,000	028851171892	
17029		wideband a/f	5	23.2	100,000	028851170291	17191	wideband a/f	5	58.5	100,000	028851171915	
17030		wideband a/f	5	46.1	100,000	028851170307	17193	wideband a/f	5	46.9	100,000	028851171939	
17032		wideband a/f	5	33.5	100,000	028851170321	17201	wideband a/f	5	11.6	100,000	028851172011	
17033	17137	wideband a/f	5	44.7	100,000	028851170338	17204	wideband a/f	5	14.8	100,000	028851172042	



Oxygen Sensors

UPC Cross Reference

						Bosch		
Part No.	(SS to)	Type	Wires	Length (in.)	Check/Replace Interval (Miles)	UPC with Check Digit		
17205	wideband a/f	5	15.0	100,000	028851172059			
17208	wideband a/f	5	23.8	100,000	028851172080			
17215	wideband a/f	5	38.6	100,000	028851172158			
17216	wideband a/f	5	38.6	100,000	028851172165			
17221	wideband a/f	5	15.7	100,000	028851172219			
17223	wideband a/f	5	15.0	100,000	028851172233			
17227	wideband a/f	5	29.1	100,000	028851172271			
17229	wideband a/f	5	47.8	100,000	028851172295			
17233	wideband a/f	5	24.8	100,000	028851172332			
17234	wideband a/f	5	22.8	100,000	028851172349			
17235	wideband a/f	5	56.3	100,000	028851172356			
17237	wideband a/f	5	50.4	100,000	028851172370			
17243	wideband a/f	5	40.2	100,000	028851172431			
17244	wideband a/f	5	30.7	100,000	028851172448			
17246	wideband a/f	5	33.5	100,000	028851172462			
17254	wideband a/f	5	18.2	100,000	028851172547			
17255	wideband a/f	5	33.1	100,000	028851172554			
17256	wideband a/f	5	18.1	100,000	028851172561			
17258	wideband a/f	5	26.4	100,000	028851172585			
17260	wideband a/f	5	66.5	100,000	028851172608			
17262	wideband a/f	5	61.0	100,000	028851172622			
17264	wideband a/f	5	14.6	100,000	028851172646			
17275	wideband a/f	5	16.1	100,000	028851172752			
17276	wideband a/f	5	29.9	100,000	028851172769			
17278	wideband a/f	5	20.5	100,000	028851172783			
17287	wideband a/f	5	14.6	100,000	028851172875			
17296	wideband a/f	5	27.6	100,000	028851172967			
17298	wideband a/f	5	22.4	100,000	028851172981			
17300	wideband a/f	5	14.8	100,000	028851173001			
17307	wideband a/f	5	21.9	100,000	028851173070			
17313	wideband a/f	5	46.9	100,000	028851173131			
17315	wideband a/f	5	28.7	100,000	028851173155			
17318	wideband a/f	5	48.8	100,000	028851173186			
17320	wideband a/f	5	17.7	100,000	028851173209			
17322	wideband a/f	5	51.2	100,000	028851173223			
17324	wideband a/f	5	24.0	100,000	028851173247			
17326	wideband a/f	5	30.3	100,000	028851173261			
17328	wideband a/f	5	12.2	100,000	028851173285			
17330	wideband a/f	5	11.0	100,000	028851173308			
17332	wideband a/f	5	21.7	100,000	028851173322			
17334	wideband a/f	5	27.8	100,000	028851173346			
17336	wideband a/f	5	22.0	100,000	028851173360			
17344	wideband a/f	5	19.7	100,000	028851173445			
17346	wideband a/f	5	35.4	100,000	028851173469			
17348	wideband a/f	5	66.5	100,000	028851173483			
17349	wideband a/f	5	61.0	100,000	028851173490			
17403	wideband a/f	5	24.4	100,000	028851174039			
17430	wideband a/f	5		100,000	028851174305			
17432	wideband a/f	5		100,000	028851174329			