



Mercedes-Benz

Service

Service Manual

Multi Unit Manual OM352 OM353 OM362 (A, LA)

Diesel Engine, Turbocharged, Intercooled Turbocharged

Mercedes-Benz AG
Vertrieb, Kundendienst und Teile
D-7000 Stuttgart 60

Model designation	Sales designation	Output (kW) (rpm)	Output (DIN HP) (rpm)	Version
352.913	OM 352 A I	110 (2800)	150 (2800)	Alternator 420 W/14 V engine brake
352.937	OM 352 A II	115 (2800)	156 (2800)	Alternator 660 W/14 V engine brake compressed air-operated power steering pump
352.946	OM 352 A II	115 (2800)	156 (2800)	Alternator 240 W/14 V engine brake
352.949	OM 352 A II	115 (2800)	156 (2800)	Alternator 420 W/14 V engine brake RQV regulator with drag lever
352.950	OM 352 A I	110 (2800)	150 (2800)	Alternator 420 W/14 V engine brake RQV regulator with drag lever
352.968	OM 352 A II	115 (2800)	156 (2800)	Alternator 660 W/14 V engine brake compressed air-operated RQV regulator with drag lever
352.994	OM 352 A I, II	110/115 (2800)	150/156 (2800)	Alternator 420 W/14 V engine brake
353.909	OM 352 A 5	124 (2800)	168 (2800)	Alternator 420 W/14 V engine brake compressed air-operated
353.910	OM 352 A 5	124 (2800)	168 (2800)	Alternator 660 W/14 V engine brake compressed air-operated
353.911	OM 352 A 5	124 (2800)	168 (2800)	Alternator 420 W/14 V
353.912	OM 352 A 5	124 (2800)	168 (2800)	Alternator 660 W/14 V power steering pump

00.13 Installation Survey

Model designation	Sales designation	Output (kW) (rpm)	Output (DIN HP) (rpm)	Version
353.913	OM 352 A 5	124 (2800)	168 (2800)	Alternator 660 W/14 V RQV regulator with drag lever
353.914	OM 352 A 5	124 (2800)	168 (2800)	Alternator 660 W/14 V power steering pump
353.950	OM 352 A 5	124 (2800)	168 (2800)	Alternator 660 W/14 V engine brake compressed air-operated
353.951	OM 352 A 5	124 (2800)	168 (2800)	Alternator 660 W/14 V engine brake compressed air-operated power steering pump
353.952	OM 352 A 5	124 (2800)	168 (2800)	Alternator 420 W/14 V engine brake compressed air-operated
353.953	OM 352 A 5	124 (2800)	168 (2800)	Alternator 660 W/14 V engine brake compressed air-operated power steering pump
353.954	OM 352 A 5	124 (2800)	168 (2800)	Alternator 1440 W/28 V engine brake compressed air-operated power steering pump
353.970	OM 352 A 5	124 (2800)	168 (2800)	Alternator 660 W/14 V engine brake compressed air-operated
353.971	OM 352 A 5	124 (2800)	168 (2800)	Alternator 660 W/14 V engine brake compressed air-operated power steering pump
353.972	OM 352 A 5	124 (2800)	168 (2800)	Alternator 1440 W/28 V engine brake compressed air-operated power steering pump
353.975	OM 352 A 5	127 (2800)	172 (2800)	Alternator 660 W/14 V engine brake compressed air-operated power steering pump

Model designation	Sales designation	Output (kW) (rpm)	Output (DIN HP) (rpm)	Version
353.978	OM 352 A 5	124 (2800)	168 (2800)	Alternator 1320 W/28 V engine brake compressed air-operated power steering pump
353.997	OM 352 A 5	124 (2800)	169 (2800)	Alternator 660 W/14 V engine brake compressed air-operated power steering pump
362.906	OM 362 LA	141 (2600)	192 (2600)	Alternator 750 W/28 V engine brake compressed air-operated power steering pump
362.909	OM 362 LA	141 (2600)	192 (2600)	Alternator 750 W/28 V engine brake compressed air-operated power steering pump
362.910	OM 362 LA	141 (2600)	192 (2600)	Alternator 750 W/28 V engine brake compressed air-operated power steering pump 2 air compressors



Mercedes-Benz

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Workshop Manual

Unimog 403, 406, 413, 416

Supplement OM352 353 Diesel Engine

Mercedes-Benz AG
Vertrieb, Kundendienst und Teile
D-7000 Stuttgart 60

Installation Survey

Vehicle	Model	403	406	413	416
	Sales designation	U 800	U 900	U 800 L	U 1100 L
Engine	Model	314.917	353.902/.940	314.917	353.907/.940
	Sales designation	314.VIII/L II ⁹⁾	352.XII/XIII	314.VIII/L II ⁹⁾	352.XI/XIII
	Installation	standard			
Single clutch	Model	-			
	Sales designation	F & S G 280 KR ¹⁾ ²⁾			
	Installation	standard			
Double clutch	Model	-			
	Sales designation	LuK DT 280 / 280 N			
	Installation	SA 35 814			
Torque Convertor	Model	-	-	-	-
	Sales designation	-	WSK 310	-	WSK 310
	Installation	-	SA 19 831	-	SA 19 831
Main transmission	Model	717.801			
	Sales designation	UG 2/27-6/14,53 GA			
	Installation	standard			
Cascade	Model	-			
	Sales designation	VOG 2/27-4/42,88			
	Installation	SA 35 449			
Power take-off	Model	-			
	Version	P.t.o. front and rear/non-reversible/reversible			
	Installation	SA 35 448			
Lower P.t.o.	Version	Drive with pump connection			
	Ratio	0.75 : 1			
	Max. speed	3 400/min.			3 700/min.
	Installation	SA 35 721			
Fast P.t.o.	Version	-	with pump connection	-	
	Ratio	-	0.86 : 1	-	
	Max. speed	-	3 000/min.	-	
	Installation	-	SA 35 744	-	
Front axle	Model	737.001 ⁵⁾ or 737.101 ⁷⁾			
	Sales designation	AU 2/11-S 3.7 or AU 2/12-S 3.7			
	Installation	standard or special 35 620			
Rear axle	Model	747.001 or 747.101		747.002 ³⁾ ⁶⁾ or 747.102 ⁴⁾ ⁸⁾	
	Sales designation	HU 2/11-S 3.7 or HU 2/12-S 3.7			
	Installation	standard or special 35 620			

Installation Survey

Vehicle	Model	403	406	413	416
	Sales designation	U 800	U 900	U 800 L	U 1100 L
Steering	Model	-			
	Sales designation	ZF-8038			
	Installation	standard			
Hydrostat	Model	-	-	-	-
	Manufacturer	-	Sauer KG Ltd.	-	Sauer KG Ltd.
	Installation	-	SA 35 721	-	SA 35 721
Cab	Model	406.810 or 416.821			
	Sales designation	-			
	Installation	standard			

¹⁾ on U 406.142/143 and 416 F & S GFX 310 KR

²⁾ on U 406 and 416 F & S MFZ 310 K(SA 35 614) with SA 19 831

³⁾ on U 416.116/.117 747.005

⁴⁾ on U 416.116/.117 747.103

⁵⁾ on U 416.162/.163 737.030

⁶⁾ on U 416.162/.163 747.030

⁷⁾ on U 416.162/.163 737.130

⁸⁾ on U 416.162/.163 747.130

⁹⁾ from engine No. 340 744

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