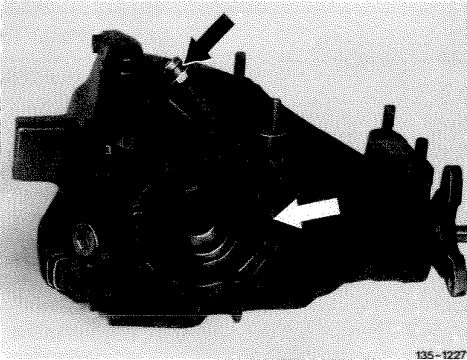
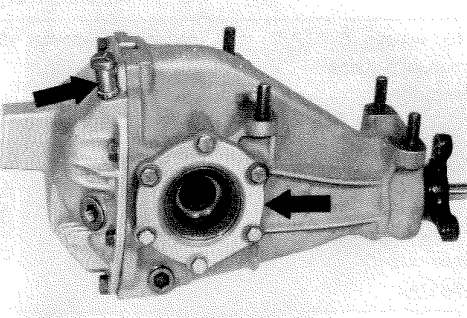
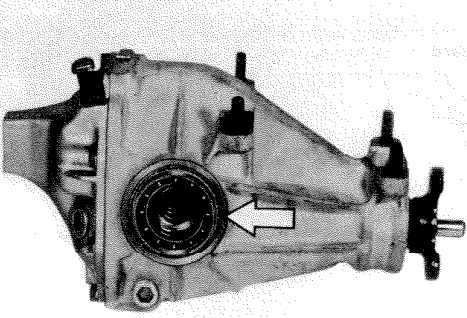


35-500 Differentiating characteristics, differential installation survey

Note

Diagonal swing axles are provided with two rear axle center pieces of different size, which also differ by the layout of the breather and the fastening method of the two lateral bearing caps. Another small center piece without lateral bearing caps has been added as from start of series of model 126.02 (January 1980).

Differentiating characteristics

Model	Rear axle center piece	
107.023/024 107.025/026 107.043/044 107.045/046 116.028 116.029 116.03 126.03 126.04	<p>Large center piece</p> <p>The breather is located at the right on rear axle housing. On models 126.03/04 the breather is located at the left on rear axle housing starting October 1981 to November 1982.</p> <p>The two lateral bearing caps are each fastened with 8 screws. The hole circle dia. of the universal joint flange on models 107.023/043 and 107.025/045, 125.032/033 up to September 1980, 116.028/029 amounts to 90 mm on models 107.024/026/044/046 and 107.025/045, 126.032/033 starting October 1980, 116.03, 126.036/037 amounts to 110 mm.</p>	 <p style="text-align: right; font-size: small;">135-12271</p>
107.022 107.042 114 115 116.020 116.024 116.025 116.120 123	<p>Small center piece with lateral bearing caps</p> <p>The breather is located on end cover.</p> <p>The two lateral bearing caps are each fastened by means of 6 screws.</p> <p>Models 107.022/042 and 123 are provided with this center piece as standard equipment up to January 1981.</p>	 <p style="text-align: right; font-size: small;">135-12276</p>
123 126.02	<p>Small center piece without lateral caps</p> <p>The diameter of the radial sealing rings is larger and is provided with an alternate spiral thread. Models 107.022/042 and 123 are provided with this center piece as standard equipment starting February 1981.</p>	 <p style="text-align: right; font-size: small;">135-19646</p>

35-500 Differentiating characteristics, differential installation survey

Installation survey

Model	Vehicle version	Version	Ratio	Number of teeth
107.022 107.042 ³⁾	Standard	1. up to February 1980	3.69	48:13
		2. starting March 1980	3.58	43:12
	with manual 5-speed transmission ¹⁾ (HK)		3.92	47:12
107.023 107.043	Standard		3.46	45:13
107.024 107.044	Standard	1. up to December 1973	3.07	46:15
		2. starting January 1974	3.06	52:17
107.025 107.045	Standard (USA) (J)		3.27 2.47	49:15 47:19
107.026 107.046	Standard		2.72	49:18
114.00 114.017	Standard	1. up to November 1969	4.08	49:12
		2. starting December 1969	3.92	47:12
114.010	Standard	1. up to November 1969	3.92	47:12
		2. starting December 1969	3.69	48:13
114.015 ¹⁾ 114.021 114.022	with 15" wheels with manual 5-speed transmission (AUS)	1. up to November 1969 2. starting December 1969	4.08 3.92	49:18 47:12
114.011 114.023 114.06 ^{1) 2)} 114.07	Standard with 15" wheels with manual 5-speed transmissions (HK) (USA) (ZA)		3.69 3.92	48:13 47:12
115.000 115.002 115.102	Standard		4.08	49:12
115.005	Standard		3.92	47:12
115.010 115.015	Standard	1. up to November 1969	4.08	49:12
		2. starting December 1969	3.92	47:12
	with 15" wheels (HK) (ZA)		4.08	49:12
115.017 115.117	Standard with 15" wheels (HK) (USA) (ZA)		3.69 3.92	48:13 47:12

¹⁾ Manual 5-speed transmission no longer available starting July 1976.

²⁾ (ZA) is provided with standard version starting July 1976.

³⁾ Manual 5-speed transmission starting September 1981 standard with ratio 1:3.58.

35-500 Differentiating characteristics, differential installation survey

115.100	Standard		4.08	49:12
115.103	Pick-up (Argentine)		4.36	48:11
115.105				
115.107	Standard		3.92	47:12
115.108				
115.119				
115.110	Standard		3.92	47:12
115.115	with 15" wheels		4.08	49:12
	(HK) (ZA)		4.36	48:11
115.112	Standard		4.08	49:12
	Pick-up (Argentine)		4.36	48:11
115.114	Standard		3.46	45:13
	with 15" wheels		3.69	48:13
116.020	Standard		3.69	48:13
116.024	with manual 5-speed transmission ¹⁾		3.92	47:12
116.025	(HK) (ZA) ²⁾			
116.028	Standard		3.46	45:13
116.029				
116.032		1. up to January 1974	3.07	46:15
116.033	Standard	2. starting February 1974	3.06	52:17
116.036	Standard (Differential with limited slip)		2.65	45:17
116.120	Standard		3.07	46:15
123.000				
123.003				
123.028	Standard		3.92	47:12
123.102				
123.103				
123.125				
123.007 ³⁾				
123.105	Standard		3.69	48:13
123.132				
123.020	Standard		3.92	47:12
	with 15" wheels		4.08	49:12
123.023	Standard		3.69	48:13
123.026				
123.043	with 15" wheels		3.92	47:12

1) Manual 5-speed transmission no longer available starting July 1976.

2) (ZA) provided with standard version starting June 1976.

3) (S) only with increased additional load and 15" wheels.

35-500 Differentiating characteristics, differential installation survey

123.03		1. up to October 1977	3.54	46:13
123.05	Standard			
123.093		2. starting November 1977	3.58	43:12
123.223				
123.243	with 15" wheels		3.69	48:13
123.08	Standard		3.69	48:13
123.183				
123.280	with 15" wheels with increased additional load		3.92	47:12
123.120	Standard		3.92	47:12
123.126	with 14" wheels (HK)		4.08	49:12
123.123	Standard		3.69	48:13
	with 15" wheels (HK)		3.92	47:12
123.130	Standard		3.46	45:13
	with 15" wheels (HK)		3.69	48:13
123.150	(USA)		3.46	45:13
	Standard		3.46	45:13
123.190	with 15" wheels with increased additional load		3.69	48:13
123.193	Standard		3.07	46:15
123.200	Standard		3.69	48:13
123.220	Standard		3.69	48:13
	with 15" wheels (HK)		3.92	47:12
123.283	Standard		3.58	43:12
	with 15" wheels with increased additional load		3.69	48:13
126.02	Standard		3.46	45:13
126.032	Standard	1. up to September 1981	3.27	49:15
126.033	(J) (USA)	2. starting October 1981	2.47	47:19
126.036		1. up to September 1981	2.82	48:17
126.037	Standard	2. starting October 1981	2.24	47:12
126.043			2.47	47:19
126.044	Standard		2.24	47:21
126.120	Standard		3.07	46:15

35-500 Differential housing identification and installation survey

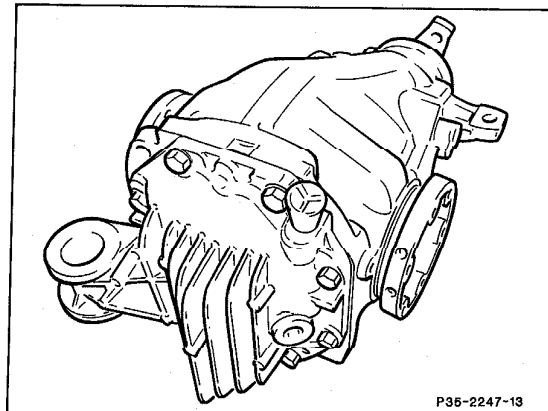
Note

Diagonal swing axles are provided with two rear axle center pieces of different size with 210 mm and 185 mm dia. ring gears.

Distinguishing characteristics of rear axle center pieces

Model	Rear axle center piece
126.020/024/025/125	<p>Center piece with 185 mm dia. ring gear</p> <p>Bleed fitting on cover.</p> <p>Without lateral bearing caps.</p> <p>ASD and ASR available as special equipment (126.02 only).</p> <p>Connection flanges with 94 mm hole circle dia. Joint flange hole circle dia. 90 mm; 110 mm on model 126.125 only.</p>

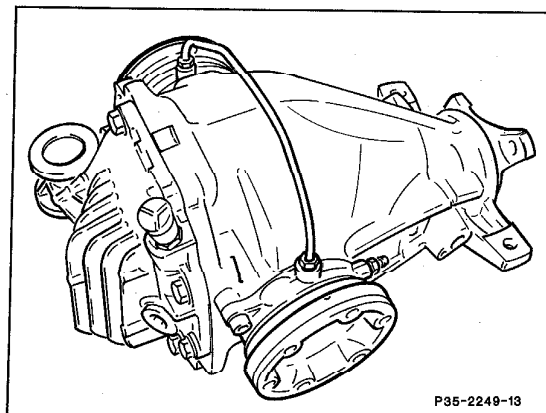
without ASD



P35-2247-13

P35-2247-13

with ASD
(model 126.02 only)



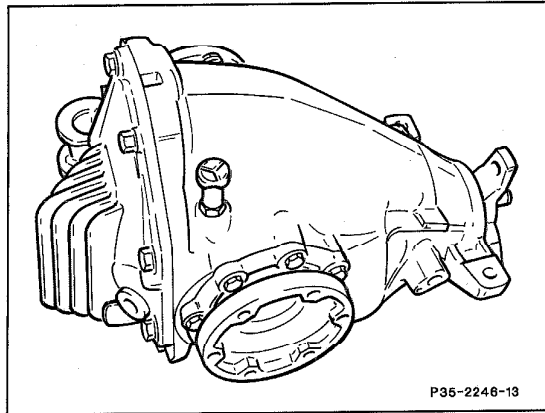
P35-2249-13

P35-2249-13

35-500 Differential housing identification and installation survey

Model	Rear axle center piece
107.046/047/048, 126.03/04	<p>Center piece with 210 mm dia. ring gear</p> <p>Bleed fitting at right on rear axle housing.</p> <p>Lateral bearing cap fastened with 8 bolts.</p> <p>ASR and limited slip differential available as special equipment.</p> <p>Connection flange with 102 mm hole circle dia. 110 mm joint flange hole circle dia.</p>

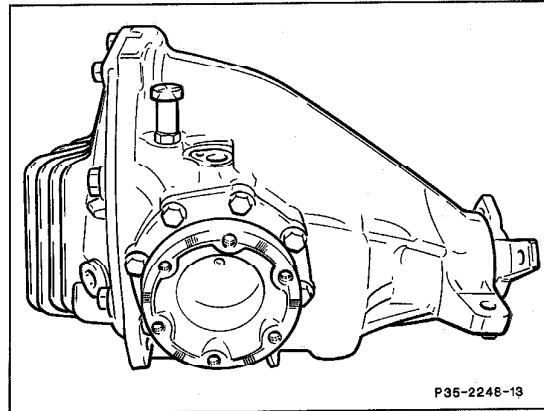
without ASR



P35-2246-13

P35-2246-13

with ASR
(model 126 only)

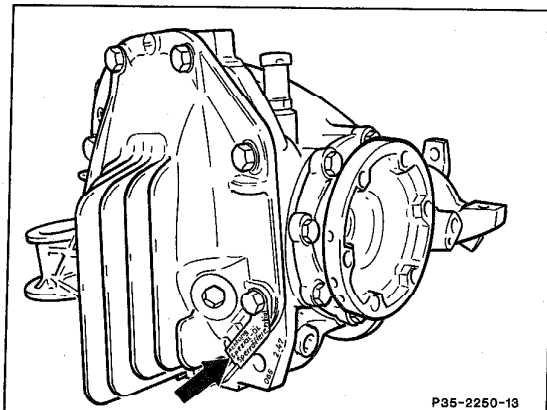


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35-500 Differential housing identification and installation survey

Limited slip differential (external recognition only possible with identification plate, arrow).



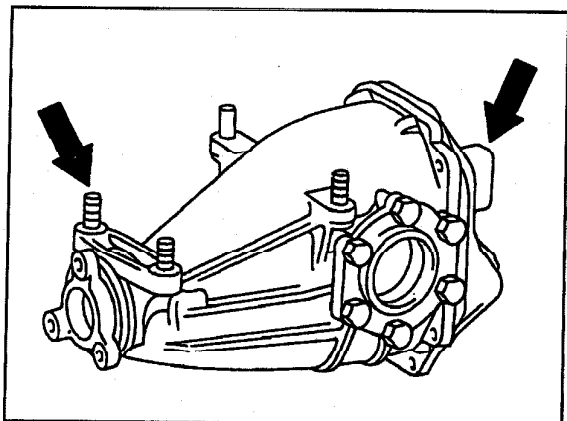
P35-2250-13

P35-2250-13

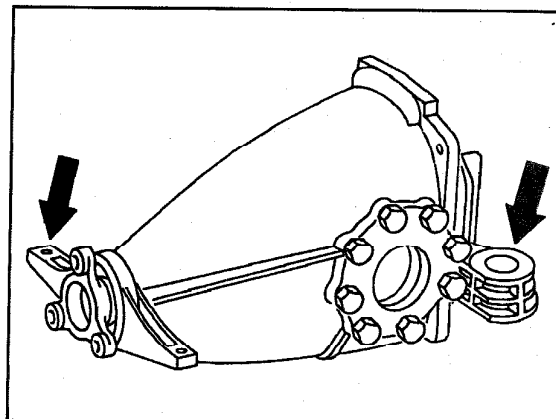
Distinguishing characteristics for diagonal swing axles

Rigid rear axle center piece suspension up to 08/85

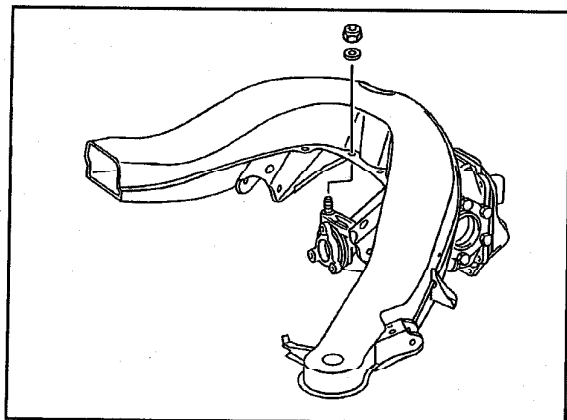
Resilient rear axle center piece suspension starting 09/85



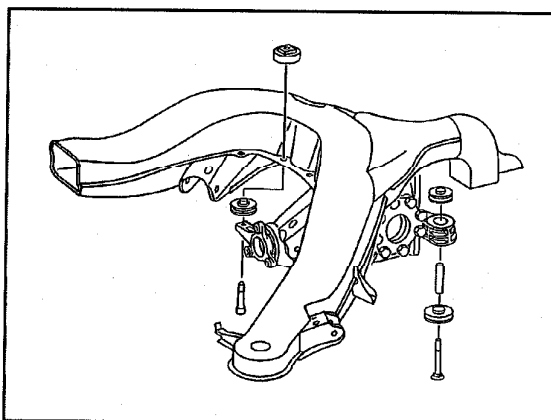
P35-0210-13



P35-0212-13

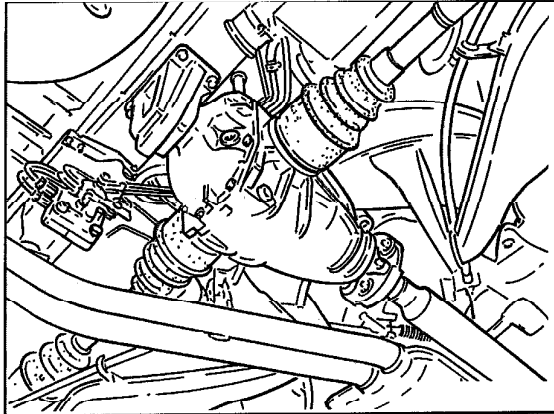


1354-16318

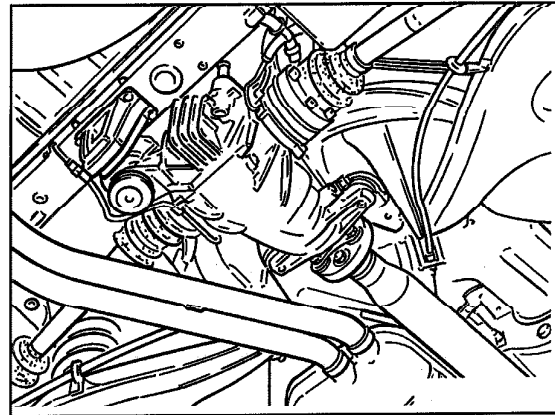


1354-16320

35-500 Differential housing identification and installation survey



P35-2222-13



P35-2223-13

Installation survey

Model	Rear axle center piece ratio	Number of teeth in rear axle center piece	Oil in liters
126.024 126.025	3.46	45:13	1.0
126.035 126.037 126.039 126.044 ¹⁾ 126.045 ¹⁾	2.47	47:19	1.3
126.134 126.135	2.82	48:17	

1) Limited slip differential as standard equipment. Use only hypoid gear oil according to operating specifications, sheet no. 235.3.