



# Metro Auto Industrial, Inc.

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## 2012 February Sepcial Sale

\* for Electrical Rebuilder Only \*

# Sweep Sale



































## Component Parts for Mitsuba Starter

<p>Ref# 16902</p>  <p><b>169022</b> <b>Mitsuba OSGR</b> 1.0kw 12V CW SM-302-07 16902</p>	<p>Ref# 17474</p>  <p><b>174742</b> <b>Mitsuba PMGR</b> 1.2kw 12V CW SM422-19 SM422-21 17474</p>	<p>Ref# 68-8505</p>  <p><b>68-85101</b> <b>Brush - Field+</b> <b>Mitsbua PMGR</b> 17870, 17871, 17959, 17960 etc. 4.5mm T x 12mm W 11.5mm L x 27mm LL</p>	<p>Ref# 66-85200</p>  <p><b>66-8601C</b> <b>Cap Assy.</b> <b>Mitsuba</b> M8 x 1.25 Batt. and Motor Terminal 16845, 901, 902, 914; 17052, 156, 201; 18423</p>
 <p><b>51-85001</b> <b>DE Housing</b> <b>Mitsbua PMGR</b> 1.6kw 17870</p>	 <p><b>51-82213</b> <b>DE Housing</b> <b>Mitsbua OSGR</b> 1.4kw 17474</p>	<p>Ref# 68-8506</p>  <p><b>68-85102</b> <b>Brush - Ground-</b> <b>Mitsbua PMGR</b> 17870, 17871, 17959, 17960 etc. 4.5mm T x 12mm W 11.5mm L x 29mm LL</p>	<p>Ref#</p>  <p><b>71-82149</b> <b>Boot</b> <b>Mitsbua</b> 16902, 16914</p>
 <p><b>51-82138</b> <b>DE Housing</b> <b>Mitsbua OSGR</b> 1.6kw *OE Type SM402-05 16975</p>	 <p><b>51-82150</b> <b>DE Housing</b> <b>Mitsbua OSGR</b> 1.4kw *Modify type SM302-22 convert to 16975</p>	<p>Ref# 69-85200</p>  <p><b>69-85100</b> <b>Brush Holder</b> <b>Assy.</b> <b>Mitsbua PMGR</b> 17870</p>	<p>Ref# 71-85300</p>  <p><b>71-82170</b> <b>Boot -Motor Lead</b> <b>Mitsbua OSGR</b> 16845, 901, 902, 914; 17052, 156, 160, 491</p>
 <p><b>51-82163</b> <b>DE Housing</b> <b>Mitsbua OSGR</b> 1.6kw *OE Type SM402-03 16960</p>	 <p><b>51-82164</b> <b>DE Housing</b> <b>Mitsbua</b> 1.4kw *Modify type SM302-18, -28 convert to 16960 used w/53-82102</p>	<p>Ref#</p>  <p><b>69-85101</b> <b>Repair Kit-Brush</b> <b>Holder Assy.</b> <b>Mitsbua PMGR</b> 17816, 17844, 17870, 17871 etc. used on 69-85100</p>	<p>Ref#</p>  <p><b>71-82166</b> <b>Oil Ring - DE</b> <b>Mitsbua</b> 44.5mm ID 50.2mm OD 3mm Thickness</p>
 <p><b>51-82117</b> <b>DE Housing</b> <b>Mitsbua OSGR</b> 1.4kw SM302-22 17160</p>	 <p><b>51-82118</b> <b>DE Housing</b> <b>Mitsbua OSGR</b> 1.4kw SM302-18, 302-28 16845, 17156</p>	<p>Ref#</p>  <p><b>71-85101</b> <b>Seal - Brush</b> <b>Holder Assy.</b> <b>Mitsbua PMGR</b> 17816, 17844, 17870, 17871 etc. used on 69-85100</p>	<p>Ref#</p>  <p><b>71-82167</b> <b>Oil Ring</b> <b>Mitsbua</b> 46.2mm ID 50.2mm OD 2mm Thickness</p>

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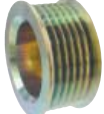


15mm Bore / Pulley pcs	15mm Bore / 2-GV	15mm Bore / 4-GV	15mm Bore / 4-GV
 <p><b>24-139</b> Pulley Piece, 15mm ID 71mm OD 10mm Belt W Mitsubishi 14903, 14905, 14943 etc. Ref# 24-83101</p>	 <p><b>24-175</b> 2-GV, 15mm ID 74mm OD 10/10mm Belt W 13mm from hub to center of 1st groove Ref#</p>	 <p><b>24-101Y</b> 4-GV, 15mm ID 50mm OD 14mm Belt W Denso 14732, 14739, 14872 etc. Ref# 24-82264</p>	 <p><b>24-159</b> 4-GV, 15mm ID 57mm OD 14mm Belt W 9mm from hub to center of 1st groove Ref#</p>
<p><b>15mm Bore / 1-GV</b></p>	<p><b>15mm Bore / 3-GV</b></p>	<p><b>24-136</b></p>	<p><b>24-133</b></p>
 <p><b>24-213</b> 1-GV, 15mm ID 62mm OD 10mm Belt W 11.5mm from hub to center of 1st groove Ref#</p>	 <p><b>24-112</b> 3-GV, 15mm ID 57mm OD 10mm Belt W Mitsubishi 13265, 13266 Ref# 24-83251</p>	 <p><b>24-158</b> 4-GV, 15mm ID 50mm OD 14mm Belt W 6.5mm from hub to center of 1st groove Ref#</p>	 <p><b>24-160</b> 4-GV, 15mm ID 60mm OD 14mm Belt W 8mm from hub to center of 1st groove Ref#</p>
 <p><b>24-116Y</b> 1-GV, 15mm ID 67mm OD 10mm Belt W Denso 14457, 14668, 14857 etc. Ref# 24-82105</p>	 <p><b>24-118Y</b> 3-GV, 15mm ID 57mm OD 10mm Belt W Denso 14931, 14935, 14989 etc. Ref# 24-82251</p>	 <p><b>24-164</b> 4-GV, 15mm ID 50mm OD 14mm Belt W 11mm from hub to center of 1st groove Ref#</p>	 <p><b>24-225</b> 4-GV, 15mm ID 67mm OD 14mm Belt W 8mm from hub to center of 1st groove Ref# 24-83268</p>
 <p><b>24-155</b> 1-GV, 15mm ID 67mm OD 10mm Belt W 10.5mm from hub to center of 1st groove Ref#</p>	 <p><b>24-161</b> 3-GV, 15mm ID 57mm OD 10mm Belt W 11mm from hub to center of 1st groove Ref#</p>	 <p><b>24-128</b> 4-GV, 15mm ID 55mm OD 14mm Belt W 5.5mm from hub to center of 1st groove Ref#</p>	 <p><b>24-110</b> 4-GV, 15mm ID 74mm OD 15mm Belt W 8mm from hub to center of 1st groove Ref#</p>
 <p><b>24-173</b> 1-GV, 15mm ID 71mm OD 10mm Belt W 9.5mm from hub to center of 1st groove Ref#</p>	 <p><b>24-214</b> 3-GV, 15mm ID 57mm OD 10mm Belt W 14.5mm from hub to center of 1st groove Ref#</p>	 <p><b>24-147</b> 4-GV, 15mm ID 55mm OD 14mm Belt W 8mm from hub to center of 1st groove Ref#</p>	 <p><b>24-115</b> 4-GV, 15mm ID 74mm OD 14mm Belt W Denso 14756 Ref# 24-82254</p>
 <p><b>24-138</b> 1-GV, 15mm ID 74mm OD 13mm Belt W Mitsubishi 14903, 14916, 14943 etc. Ref# 24-83102</p>	 <p><b>24-137</b> 3-GV, 15mm ID 60mm OD 11mm Belt W Mitsubishi 13196, 13297, 13299 Ref# 24-83250</p>	 <p><b>24-157</b> 4-GV, 15mm ID 55mm OD 14mm Belt W Mitsubishi 13303, 14427, 14697 etc. Ref# 24-83266</p>	<p><b>15mm Bore / 5-GV</b></p>  <p><b>24-108Y</b> 5-GV, 15mm ID 55mm OD 18mm Belt W Denso 14847, 14849, 14939 etc. Ref# 24-82265</p>
 <p><b>24-216</b> 1-GV, 15mm ID 74mm OD 10mm Belt W 10mm from hub to center of 1st groove Ref#</p>	<p><b>15mm Bore / 4-GV</b></p>  <p><b>24-143</b> 4-GV, 15mm ID 45mm OD 14mm Belt W 9mm from hub to center of 1st groove Ref#</p>	 <p><b>24-182Y</b> 4-GV, 15mm ID 55mm OD 14mm Belt W 9mm from hub to center of 1st groove Ref#</p>	 <p><b>24-135</b> 5-GV, 15mm ID 55mm OD 18mm Belt W 5mm from hub to center of 1st groove Ref#</p>
 <p><b>24-200</b> 1-GV, 15mm ID 76mm OD 10mm Belt W 24mm from hub to center of 1st groove Ref# 24-83103</p>	 <p><b>24-143Y</b> 4-GV, 15mm ID 45mm OD 14mm Belt W 9mm from hub to center of 1st groove Ref#</p>	 <p><b>24-121Y</b> 4-GV, 15mm ID 57mm OD 14mm Belt W Denso 13711, 14449, 14472 etc. Ref# 24-82256</p>	 <p><b>24-150Y</b> 5-GV, 15mm ID 55mm OD 18mm Belt W 6mm from hub to center of 1st groove Ref#</p>
<p><b>15mm Bore / 2-GV</b></p>	<p><b>24-127</b></p>		
 <p><b>24-127</b> 2-GV, 15mm ID 66mm OD 10/10mm Belt W Mitsubishi 14557 Ref# 24-83100</p>	 <p><b>24-144</b> 4-GV, 15mm ID 45mm OD 14mm Belt W 10.5mm from hub to center of 1st groove Ref#</p>		

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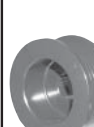

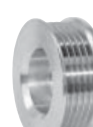

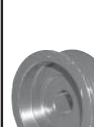























15mm Bore / 5-GV	15mm Bore / 6-GV	17mm Bore / 2-GV	17mm Bore / 4-GV
 <p><b>24-103</b> 5-GV, 15mm ID 59mm OD 18mm Belt W 9mm from hub to center of 1st groove Ref#</p>	 <p><b>24-176</b> 6-GV, 15mm ID 55mm OD 21mm Belt W 9mm from hub to center of 1st groove Ref#</p>	 <p><b>24-177Y</b> 2-GV, 17mm ID 68mm OD 10/10mm Belt W Denso 14337, 14573, 14574 etc. Ref# 24-82111</p>	 <p><b>24-102</b> 4-GV, 17mm ID 55mm OD 14mm Belt W 7.5mm from hub to center of 1st groove Ref#</p>
 <p><b>24-119</b> 5-GV, 15mm ID 60mm OD 18mm Belt W 11.5mm from hub to center of 1st groove Ref#</p>	<h3>15mm Bore / 7-GV</h3>	 <p><b>24-130</b> 2-GV, 17mm ID 72mm OD 13/13mm Belt W Hitachi 14745 Ref# 24-81101</p>	 <p><b>24-131</b> 4-GV, 17mm ID 55mm OD 14mm Belt W 29.5mm from hub to center of 1st groove Ref#</p>
 <p><b>24-145</b> 5-GV, 15mm ID 65mm OD 18mm Belt W 9mm from hub to center of 1st groove Ref#</p>	 <p><b>24-104</b> 7-GV, 15mm ID 57mm OD 25mm Belt W 8.5mm from hub to center of 1st groove Ref#</p>	 <p><b>24-142</b> 2-GV, 17mm ID 74mm OD 8/8mm Belt W 9.5mm from hub to center of 1st groove Ref#</p>	 <p><b>24-195Y</b> 4-GV, 17mm ID 55mm OD 14mm Belt W 10mm from hub to center of 1st groove Ref# AM-0959C</p>
 <p><b>24-172</b> 5-GV, 15mm ID 65mm OD 18mm Belt W Denso 14855, 14869, 14941 etc. Ref# 24-82257</p>	 <p><b>24-120</b> 7-GV, 15mm ID 59mm OD 25mm Belt W Denso 14458, 14643 Ref# 24-82253</p>	 <p><b>24-148Y</b> 2-GV, 17mm ID 74mm OD 10/10mm Belt W Denso 13312, 13313, 13353 etc. Ref# 24-82108</p>	 <p><b>24-227Y</b> 4-GV, 17mm ID 55mm OD 14mm Belt W Mando 13574 Ref#</p>
 <p><b>24-152</b> 5-GV, 15mm ID 65mm OD 18mm Belt W 10mm from hub to center of 1st groove Ref# 24-82257</p>	<h3>17mm Bore / Pulley set</h3>	 <p><b>24-309</b> 2-GV, 17mm ID 81mm OD 13/13mm Belt W Denso 12066 Ref# 24-82112</p>	 <p><b>24-301Y</b> 4-GV, 17mm ID 55mm OD 14mm Belt W 10.5mm from hub to center of 1st groove Ref#</p>
 <p><b>24-105</b> 5-GV, 15mm ID 67mm OD 18mm Belt W 8mm from hub to center of 1st groove Ref#</p>	<h3>17mm Bore / 1-GV</h3>	 <p><b>24-117</b> 3-GV, 17mm ID 60mm OD 11mm Belt W Denso 14644, 14672, 14673 etc. Ref# 24-82268</p>	 <p><b>24-12064Y</b> 4-GV, 17mm ID 60mm OD 56mm OD 14mm Belt W Delco 12SI, CS130 10495514 Ref# 24-1264</p>
 <p><b>24-109</b> 5-GV, 15mm ID 68.5mm OD 18mm Belt W 9mm from hub to center of 1st groove Ref#</p>	 <p><b>24-106</b> 1-GV, 17mm ID 67mm OD 8mm Belt W 42mm from hub to center of 1st groove Ref#</p>	 <p><b>24-113</b> 3-GV, 17mm ID 72mm OD 11mm Belt W 7.5mm from hub to center of 1st groove Ref#</p>	 <p><b>24-260</b> 4-GV, 17mm ID 60mm OD 14mm Belt W Denso 13857 Ref#</p>
<h3>15mm Bore / 6-GV</h3>	 <p><b>24-190</b> 1-GV, 17mm ID 74mm OD 13mm Belt W 13.5mm from hub to center of 1st groove Ref#</p>	<h3>17mm Bore / 4-GV</h3>	 <p><b>24-217</b> 4-GV, 17mm ID 62mm OD 14mm Belt W 9mm from hub to center of 1st groove Ref#</p>
 <p><b>24-180</b> 6-GV, 15mm ID 50mm OD 21mm Belt W 9mm from hub to center of 1st groove Ref#</p>	 <p><b>24-272Y</b> 1-GV, 17mm ID 74mm OD 10mm Belt W Hitachi 13531, 13644, 13778 etc. Ref# 24-81103</p>	 <p><b>24-12053</b> 4-GV, 17mm ID 52mm OD 14mm Belt W Delco CS130 1987648 Ref# 24-1253</p>	 <p><b>24-122</b> 4-GV, 17mm ID 63mm OD 14mm Belt W 8.5mm from hub to center of 1st groove Ref#</p>
 <p><b>24-156Y</b> 6-GV, 15mm ID 54mm OD 21mm Belt W Mitsubishi 13230 13298 Denso 13277 Ref# 24-83253</p>	 <p><b>24-31004-1</b> 1-GV, 17mm ID 75mm OD 10mm Belt W 23.5mm from hub to center of 1st groove Ref#</p>	 <p><b>24-12053Y</b> 4-GV, 17mm ID 52mm OD 14mm Belt W Delco CS130 1987648 Ref# 24-1253</p>	

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17mm Bore / 4-GV	17mm Bore / 5-GV	17mm Bore / 6-GV	17mm Bore / 6-GV
 <p><b>24-122Y</b> 4-GV, 17mm ID 63mm OD 14mm Belt W 8.5mm from hub to center of 1st groove Ref#</p>	 <p><b>24-12059Y</b> 5-GV, 17mm ID 62mm OD 18mm Belt W Delco 12SI CS121 CS130, 10498446 Ref# 24-1259</p>	 <p><b>24-239Y</b> 6-GV, 17mm ID 55mm OD 21mm Belt W Hitachi 13760 Ref# AD-09162</p>	 <p><b>24-224</b> 6-GV, 17mm ID 63mm OD 21mm Belt W Denso 13311, 13592, 14741 Ref#</p>
 <p><b>24-146Y</b> 4-GV, 17mm ID 64mm OD 14mm Belt W Hitachi 14651, 14661, 14752 etc. Ref# 24-81250-1</p>	 <p><b>24-12065B</b> 5-GV, 17mm ID 62mm OD 18mm Belt W Delco CS130 10499041 OE Design Ref# 24-1265</p>	 <p><b>24-12055Y</b> 6-GV, 17mm ID 56mm OD, 21mm Belt/W Delco 10-27SI CS121 CS130 CS141; Ford 1G, 2G Ref# 24-1255-3</p>	 <p><b>24-125</b> 6-GV, 17mm ID 65mm OD 21mm Belt W Denso 13776, 13806, 13842, 13844 etc. Ref# 24-82260</p>
 <p><b>24-151Y</b> 4-GV, 17mm ID 65mm OD 14mm Belt W Denso 13674, 13677, 13743 etc. Ref# 24-82258</p>	 <p><b>24-123Y</b> 5-GV, 17mm ID 65mm OD 18mm Belt W Denso 13684, 13685, 13737, 13738 etc. Ref# 24-82259</p>	 <p><b>24-188</b> 6-GV, 17mm ID 57mm OD 21mm Belt W 10.5mm from hub to center of 1st groove Ref#</p>	 <p><b>24-12071</b> 6-GV, 17mm ID 67mm OD 21mm Belt W Delco CS130D 10476225 Ref# 24-1271</p>
 <p><b>24-228Y</b> 4-GV, 17mm ID 65mm OD 14mm Belt W 8.5mm from hub to center of 1st groove Ref# 24-82258</p>	 <p><b>24-162</b> 5-GV, 17mm ID 65mm OD 18mm Belt W 8mm from hub to center of 1st groove Ref#</p>	 <p><b>24-171Y</b> 6-GV, 17mm ID 58mm OD 21mm Belt W Denso 13715, 13748, 13756, 13822 etc. Ref# 24-82263</p>	<h3>17mm Bore / 7-GV</h3>
 <p><b>24-300Y</b> 4-GV, 17mm ID 67mm OD 14mm Belt W Mitsubishi 13580, 13648, 13735 etc. Ref# 24-83270</p>	 <p><b>24-302</b> 5-GV, 17mm ID 65mm OD 18mm Belt W 10mm from hub to center of 1st groove Ref#</p>	 <p><b>24-22063Y</b> 6-GV, 17mm ID 59mm OD 21mm Belt W Ford 4G series Ref# 24-2263</p>	 <p><b>24-12088</b> 7-GV, 17mm ID 57mm OD 25mm Belt W Delco AD244 10454660; 8492, 8493 Ref# 24-1288</p>
<h3>17mm Bore / 5-GV</h3>	 <p><b>24-183</b> 5-GV, 17mm ID 70mm OD 18mm Belt W 8.5mm from hub to center of 1st groove Ref#</p>	 <p><b>24-186Y</b> 6-GV, 17mm ID 60mm OD 21mm Belt W Denso 13396, 13495 Ref# 24-82266</p>	 <p><b>24-222</b> 7-GV, 17mm ID 58mm OD 25mm Belt W Denso 13354, 13742, 13823, 13824 Ref# 24-82269</p>
 <p><b>24-220</b> 5-GV, 17mm ID 55mm OD 18mm Belt W 9mm from hub to center of 1st groove Ref#</p>	<h3>17mm Bore / 6-GV</h3>	 <p><b>24-166Y</b> 6-GV, 17mm ID 62mm OD 21mm Belt W 5.5mm from hub to center of 1st groove Ref# 24-83260</p>	 <p><b>24-174</b> 7-GV, 17mm ID 65mm OD 25mm Belt W Denso 13353, 13354, 13453 Ref# 24-82267</p>
 <p><b>24-236</b> 5-GV, 17mm ID 55mm OD 18mm Belt W Hitachi 13645 Ref# 24-81102</p>	 <p><b>24-12073Y</b> 6-GV, 17mm ID 52mm OD 21mm Belt W Delco CS130D 10476389 Ref# 24-1273</p>	 <p><b>24-229Y</b> 6-GV, 17mm ID 62mm OD 21mm Belt W Hitachi 13639, 13657, 13713, 13724 etc. Ref# 24-81104</p>	<h3>17mm Bore / 8-GV</h3>
 <p><b>24-169</b> 5-GV, 17mm ID 56mm OD 18mm Belt W Denso 13690, 13754, 13759, 13885 etc. Ref# 24-82271</p>	 <p><b>24-12063B</b> 6-GV, 17mm ID 52mm OD 21mm Belt W Delco CS130 10496580 Ref# 24-1263</p>	 <p><b>24-306</b> 6-GV Clutch Pulley 62mm OD, 17mm ID 21mm Belt W Hitachi 13939, 11119, 11163 Ref# 24-81107</p>	 <p><b>24-126Y</b> 8-GV, 17mm ID 60mm OD 28mm Belt W Denso 13302, 13766, 13874 Ref# 24-82270</p>
 <p><b>24-12054Y</b> 5-GV, 17mm ID 56mm OD 18mm Belt W Delco CS130 10473389 Ref# 24-1254</p>	 <p><b>24-184Y</b> 6-GV, 17mm ID 55mm OD 21mm Belt W Denso 13906 Ref# 24-82277</p>	 <p><b>24-168Y</b> 8-GV, 17mm ID 63mm OD 28mm Belt W Denso 13302, 13304 Ref# 24-82261</p>	

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