

<u>Part No.</u>	<u>Part Name and Description</u>	<u>No. of Units</u>	<u>Unit Price</u>	<u>Total</u>
503630	Cylinder barrel and cylinder machining assy.			
503632	Cylinder barrel 2L was cracked through the wall between the first and second rib from the bottom of the jacket, similar to that described in failure of cylinder 1L (Progress Report dated 5-31-37 Page 2). It was decided to replace all the barrels with new ones having a heavier wall thickness (see E.S.M.R. Serial No. E-57-285-62). This necessitated complete new barrels, reworking of the jackets, heads, and re-assembling. Re-work present cylinder assemblies to include new barrels	13	214.50	2,788.50
503608	Connecting rod bolts			
503609	To facilitate assembly an additional cotter pin hole at right angles to the present one was added to all the connecting rod bolts. (See E.S.M.R. Serial No. E-57-285-62) Re-work present bolts	36	No Charge	
501057	Nut - connecting rod bolts			
501058	Counterbored to the depth of the thread from the top of nut to bottom of castellation to remove load from extreme end of bolts. Re-work present nuts	36	No charge	
503748	Finger assembly - clockwise distributor During the last run the finger assembly again disintegrated wrecking itself, the distributor head plate and damaging the camshaft accessory housing. A new type of finger is being fabricated which will eliminate this trouble. However to avoid delay, a spare part of the same design was installed. The same head, plate and housing were continued as they were still serviceable but will be replaced when the new design finger is installed. One new finger assembly, no change	1	4.54	4.54
503748	Finger assembly - clockwise distributor A new design finger was installed having a positive drive connection and much stronger construction.	1	4.54	4.54
503749	Finger assembly - anti-clockwise distributor A new design, as above, was installed at this time.	1	4.54	4.54

REPLACEMENT PARTS LIST - CONTRACT W535-AC-8131

<u>Part No.</u>	<u>Part Name and Description</u>	<u>No of Units</u>	<u>Unit Price</u>	<u>Total</u>
503745	Housing - camshaft accessory drive This housing was damaged during the several failures of the distributor fingers and was replaced with a new part from stock on hand as part of Spare Parts Contract W535-AC-9060	1		Government property
503771	Plate - distributor insulating This plate was damaged during the failure of a distributor finger and was now replaced with a new part.	1	2.83	2.83
503691	Magneto New points were installed on the magneto as the original ones are slightly pitted from continued running. Replaced two assemblies, no change.	2	12.00	<u>24.00</u>
Total of Replacement Parts List dated 6-15-37				\$2,828.95

