

INSTALLATION AND PARTS MANUAL

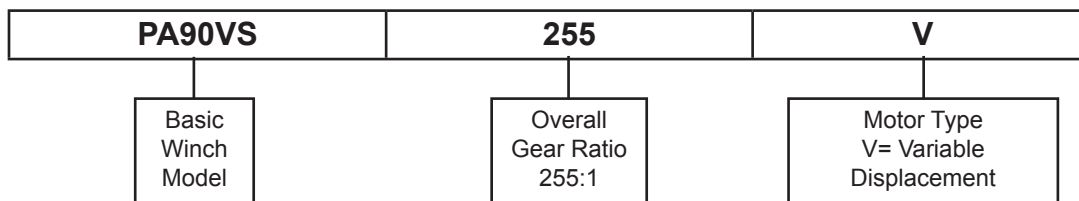
MODEL PA90VS

FOR CATERPILLAR D7E

TABLE OF CONTENTS

General Safety Recommendations.....	3
Winch Housing & Fairlead Group.....	4
Motor Group	6
Brake Valve	7
Output Planet Carrier Assembly	8
Intermediate Planet Carrier Assembly	9
Carrier Clutch Assembly.....	10
Sprag Clutch Assembly	11
Brake Housing Assembly.....	12
Recommended Fastener Torque Chart.....	14
Mertric Conversion Chart	15

MODEL NUMBER DESCRIPTION



PACCAR WINCH DIVISION

P.O. Box 547 Broken Arrow, Oklahoma 74013
PHONE: (918) 251-8511 FAX: (918) 259-1575
www.paccarwinch.com

LIT2439_R1
6/2009
Printed in U.S.A.