

# **RDK 2005 PETERBILT POWER LINE SHEET**

## **MODEL**

2005 PETERBILT CAB AND CHASSIS MODEL "357-111"

## **ENGINE & ENGINE EQUIPMENT**

**C13 410 1450lb torque**

INCLUDES ALUM FLYWHEEL HOUSING

CHEVRON DELO MULTIGRADE ENGINE

OIL, SAE 15W40

MAGNETIC ENGINE OIL DRAIN PLUG

N20140 P002 78...MAX VEHICLE SPEED LIMIT

N20200 P007 30...LOW CRUISE CONTROL LIMIT

N20220 P006 75...HIGH CRUISE CONTROL LIMIT

N20240 P024 0...AUTO RETARDER IN CRUISE

N20260 P008 MANUAL ENGINE RETARDER MODE

N20280 P050 0...ENG RETARDER MIN VEH SPEED

N20320 P009 1....IDLE SPEED LIMIT

N20340 P010 1400..IDLE RPM LIMIT

N20560 P021 0....IDLE SHUTDOWN TIME

N20580 P032 NO...ALLOW IDLE SHUTDOWN OVERRIDE

N20600 P022 OFF..ENGINE MONITORING MODE

N20620 P023 NO...LOW COOLANT LEVEL SENSOR

**Warranty 7 year /500,000 miles**

**FUEL PRIMER PUMP - CAT ENGINES**

**CAT REMOTE PTO/THROTTLE PROVISIONS**

**DELCO REMY 135 AMP ALTERNATOR 33 SI BRUSHLESS**

**IMMERSION TYPE PRE-HEATER 110-120V 1500 WATTS**

PHILLIPS

**DELCO REMY 12V STARTER**

KEY IGNITION/PUSH BUTTON START SWITCH

WEATHER PACK SILICONE SEALED

ELECTRICAL CHASSIS CONNECTORS

12 VOLT SYSTEM W/ CIRCUIT PROTECTION

WIRES NUMBERED EVERY 4 INCHES OR LESS

**3 CHAMP PC31 12V BATTERIES 2775 CCA THREADED STUD TYPE TERMINAL.**

MAINTENANCE FREE 12V BATTERIES

STRANDED COPPER BATTERY CABLES

DOUBLE AUGHT (00) OR LARGER

**COLE-HERSEE BATTERY JUMPER TERMINAL MOUNTED UNDER HOOD LH FRAME RAIL**

**HORTON FAN CLUTCH C10/C12/C15 DRIVEMASTER**

**BENDIX 16.5 CFM AIR COMPRESSOR**  
TU-FLO 750

**JACOBS BRAKE**

**SPIN-ON FUEL FILTER FRAME MOUNTED**

**SPIN-ON WATER FILTER ENG MTD**

**HIGH EFFICIENCY COOLING SYSTEM**

1270 SQUARE INCH FRONTAL AREA  
WELDED TUBE-TO-HEADER JOINTS  
NO SOLDER ON THE WATER SIDE  
LOW SILICATE ANTIFREEZE -40 DEGREES  
7 PSI RADIATOR RELIEF CAP  
STAINLESS STEEL LINED COOLANT HOSE  
CLAMPS WITH CONSTANT TORQUE CLAMPS ON HOSES 2 INCHES OR LARGER

**SILICONE RADIATOR HOSES INCLUDES CONSTANT TORQUE CLAMPS**

**CONSTANT TORQUE HOSE CLAMPS ON AIR INTAKE HOSES FOR DONALDSON  
AIR CLEANERS**

**1 DONALDSON AIR CLEANER FIREWALL MOUNTED**

STAINLESS STEEL AIR CLEANER STRAPS, BRACKETS, AND FASTENERS  
MOLDED RUBBER AIR INTAKE CONNECTIONS WITH LINED STAINLESS STEEL  
CLAMPS

**DUAL 5 INCH EXHAUST VERT RESILIENT CAB MOUNTED**

STAINLESS STEEL FLEX TUBING & CLAMPS

**HIGH MOUNT EXHAUST ROUTING DUAL**

**DUAL STAINLESS STEEL MUFFLER GUARD/FAIRING**

**DUAL CURVED CHROMED STANDPIPES**

**DUAL 36 INCH STANDPIPES**

**TRANSMISSION & CLUTCH**

**FULLER RTO-14908LL 10 SPEED**

1450 TORQUE - INCLUDES IRON BELL HOUSING, REAR TRANSMISSION SUPPORT,  
AND DIRECT SHIFT PATTERN.

MAGNETIC TRANSMISSION OIL DRAIN PLUG

**1810 HD DRIVELINE WITH SINGLE MIDSHIP BEARING**

W/ 4.5 INCH X .180 WALL TUBING  
HALF ROUND END YOKES W/ ZERK FITTINGS  
COATED DRIVESHAFT SPLINES

**(1) DASH MOUNTED SINGLE ACTING AIR PTO CONTROL**

STANDARD WITH PTO ENGAGED INDICATOR LIGHT  
N4230 RCS TO INSTALL LARGE INDICATOR  
N4231 LIGHT - IN 2 1/2" DIAMETER CUT OUT  
N4232 IN DASH

**SYNTHETIC LUBRICANT - MANUAL TRANSMISSION**

**EATON FULLER 15.5 INCH CLUTCH CERAMIC 7-SPRING**

DAMPENED/3600# PLATE/1650 TORQUE

**MANUAL ADJUST CLUTCH WITH GREASE BEARING**

**FRONT AXLE & EQUIPMENT**

**DANA SPICER EFA20F4 18-20,000 LB STANDARD TRACK**

DANA SPICER ES CAM BRAKES, 11-1/4 INCH BOLT CIRCLE.  
FACTORY FRONT AXLE ALIGNMENT  
OUTBOARD MOUNTED BRAKE DRUMS  
ZERK FITTINGS ON TIE ROD ENDS, KING PINS, AND DRAGLINK BALL JOINTS

**TAPER LEAF SPRINGS WITH SHOCKS 20,000 LBS**

USE WITH FL94/EFA20F4 FRONT AXLES.  
N1124 PETERBILT MAKE "LEVEL LADEN"  
N1125 MAKE TOP OF FRAME <-41.0>

**POWER STEERING SHEPPARD M110 DUAL**

16,000-23,000 LB SFFA, SBFA OVER 21,000 LB.  
GLIDEKOTE SPLINES ON STEERING SHAFT

**POWER STEERING RESERVOIR FRAME MOUNTED**

FOR USE WITH DUAL STEERING GEARS.

**PHP10 IRON HUBS, CAST DRUMS, 16.5x6 CAM BRAKES**

18,000 TO 20,000 FRONT AXLES. INCLUDES DANA SPICER EES1200/410 BRAKE  
LININGS, NON ASBESTOS.

**STANDARD OIL SEALS**

**HALDEX/DANA AUTO SLACK ADJUSTERS**

**BRAKE DUST SHIELDS**

**REAR AXLE & EQUIPMENT**

**DANA SPICER DSH44,000 LB HIGH PERFORMANCE 44**

LASER FACTORY AXLE ALIGNMENT  
ACCURATE TO .030 OF AN INCH  
MAGNETIC REAR AXLE OIL DRAIN PLUG  
OUTBOARD MOUNTED BRAKE DRUMS

**PHP10 IRON HUBS, CAST DRUMS, 16.5x7 CAM BRAKES**

46,000 LB MAXIMUM, TANDEM AXLE, DANA SPICER ES BRAKES.

**MGM TR 3030IN PARKING BRAKES, BOTH AXLES**

**HALDEX/DANA AUTO SLACK ADJUSTERS, TANDEM AXLES**

**STANDARD OIL SEALS, TANDEM AXLES**

**BRAKE DUST SHIELDS, TANDEM AXLES**

**ASPHALT DUMP BRAKE CHAMBER CLEARANCE**

USE WITH 22.5 IN TIRES

**REAR BRAKE CAMSHAFT REINFORCEMENT**

DANA SPICER 601/651/652, MERITOR RT70-380

**GUSSETED CAM BRACKETS DANA SPICER 16.5x7 CAM BRAKE**

TANDEM AXLES, 46,000 LB MAX GAWR, WELDED GUSSET CAM BRACKET

**MERITOR WABCO 4S4M ABS, SBM VALVE**

**SYNTHETIC AXLE LUBRICANT, ALL AXLES**

**RATIO 4.33 REAR AXLE**

**HENDRICKSON RT-463 46,000 LB, 54 INCH AXLE SPACING**

N1820 PETERBILT MAKE "LEVEL LADEN"

N1821 ADJUST SADDLE HEIGHT

**TRACKING RODS, RUBBER CENTER BEARINGS**

R(T/E)403-523

**AIR & TRAILER EQUIPMENT**

**BENDIX AD-IS AIR DRYER WITH HEATER**

AN INTEGRATED SYSTEM AIR DRYER THAT INCORPORATES THE FUNCTIONS OF THE AIR DRYER,  
PURGE RESERVOIR (WHICH INCREASES THE DRYING CAPACITY), WET AIR TANK,  
PRESSURE RELIEF VALVE,  
SINGLE CHECK VALVES, AND PRESSURE PROTECTION VALVE FOR AIR SUSP AND  
OTHER AIR ACCESSORIES.

INCLUDES EASY-TO-SERVICE SPIN-ON DESSICANT CARTRIDGE.

N4510 MOVE AIR DRYER TO NEW TRAY MTD

N4511 RH BEHIND F/T. A/D ON TOP TRAY

N4512 MOVE 1ST TRAY (1) BOLT HOLE TO

N4513 RR. THIS ALLOWS FOR NEW TRAY.

**(2) BERG PULL CORD DRAIN VALVES**

N4520 (2) ONLY

**NYLON CHASSIS HOSE**

BRAIDED CHASSIS HARNESS COVER  
RUBBER-LINED CLAMPS ALONG FRAME RAIL  
TEFLON-LINED, STAINLESS STEEL BRAIDED  
COMPRESSOR DISCHARGE HOSE

**(4) STEEL PAINTED AIR TANKS**

N4540 MOVE RR TANK I/S FRM TO NEW  
N4541 TRAY MTD BEHIND F/T  
N4542 MOUNT TANK ON BTM OF TRAY  
N4543 AIR DRYER ON TOP OF TRAY

**BODY CONNECTIONS 5FT BOC**

JUNCTION BOX CONTAINS LIGHT AND POWER CIRCUITS FOR BODY  
CONNECTIONS LOCATED 5 FT FROM BOC

**ROUTE AIR & ELECTRIC LINES TO ALLOW WELDING OF SUB FRAME TO TOP OF  
FRAME**

**TRAILER HAND VALVE**

**A&E CONN EOF W/ 7-WAY SOCKET (W/ CONN EOF STRAPPED TO THE RAIL)**

**FRAME & EQUIPMENT**

**10-3/4 INCH STEEL RAILS, STEEL XMBRS, TO 354 INCHES**

**3/8 INCH RAIL THICKNESS**

4-PIECE NYLON INSERT FRAME FASTENERS

CLASS 10.9 BOLTS

3-PIECE C-CHANNEL XMBR W/ CAST GUSSETS

CHASSIS HOSE AND WIRING BUNDLES

CONVENIENTLY ROUTED THROUGH GUSSETS

**FULL STEEL INNER LINER**

**MOUNT FRAME COMPONENTS IDENTICAL PREVIOUS CHASSIS**

**ADDITIONAL FRAME DRILLING PER CUSTOMER**

**RAISED STEEL X-TIE FOR PTO CLEARANCE**

**EOF SQUARE W/O XMBR**

FOR USE WITH BODY BUILDER INSTALLED CROSSMEMEBER

N0648

N0649

**OMIT REAR MUDFLAPS & HANGERS**

**PETERBILT FRONT WHEEL MUDFLAPS**

## **FUEL TANKS**

**26 INCH ALUMINUM 70 GALLON FUEL TANK RH U/C**

N5550 MOUNT TANKS AS FAR FORWARD AS POSSIBLE

N5551

N5552 MOUNT TANKS HIGHEST POSSIBLE

**26 INCH ALUMINUM 120 GALLON FUEL TANK LH U/C ADDITION**

PADDLE HANDLE FILLER CAP WITH THREADLESS FILLER NECK

WIRE BRAID FUEL LINE

**LOCATION RH U/C 70 GALLON**

**LOCATION LH U/C 120 GALLON**

**(1) NON-SLIP FUEL TANK STEP RH U/C**

**(1) NON-SLIP FUEL TANK STEP LH U/C**

**SPLIT ALUMINUM FUEL TANK LH U/C**

N5654 HYDRAULIC FITTINGS & LOCATIONS

N5655 ON RR OF RESERVOIR TBD

**60 gal Hyd 60 gal Fuel**

**CENTER FUEL TANK FILL**

**RAISE (2) FUEL TANKS APPROXIMATELY 2-5/8 INCHES**

SUBJECT TO FRAME REVIEW

**DUAL DRAW, DUAL RETURN, W/O XOVER OR GUARD**

TOP DRAW, W/O SHUT-OFF VALVES

**FUEL FORWARD IN SPLIT TANK**

**60 GALLON FUEL IN SPLIT TANK**

**OMIT FUEL COOLER**

## **TIRES & WHEELS**

**FF: BR 18 PLY 385/65R22.5 M844F**

**RR: BR 14 PLY 11R22.5 M711**

**CODE-REAR TIRE QTY 08**

**FF: ALCOA 823650 PLT 22.5x12.25 ALM WHL  
PILOT MOUNT**

**RR: ACCUR 28408 PLT 22.5x8.25 STL WHL  
PILOT MT, TWO HAND HOLES**

**CODE-REAR RIM QTY 08**

## **BATTERY BOX & BUMPER**

**OMIT STD BATTERY BOX**

**USE WITH PASSENGER SEAT/IN-CAB BATTERY BOX CODES ONLY**

**STEEL BUMPER TAPERED CHROMED WITH CENTER TOW HOOK**

## **CAB & EQUIPMENT**

**ALUM CAB 111 INCH BBC FIBERGLASS HOOD W/ METAL FENDERS**

**WITH POLISHED CROWN AND SPRING TILT ASSIST (FOR USE WITHOUT FEPTO PROVISIONS.)**

**IGNITION AND DOORS KEYED ALIKE**

**STAINLESS STEEL GRILLE**

**FULL LENGTH PIANO TYPE STAINLESS STEEL DOOR HINGES AND PINS**

**THREE POINT RESILIENT CAB MOUNTING**

**ONE PIECE ROOF**

**AIRCRAFT GRADE HUCKBOLT FASTENERS**

**TINTED SAFETY GLASS**

**SEPARATE VENT WINDOW IN THE DOORS**

**INTERIOR NOISE REDUCTION PACKAGE**

**SEVERE SERVICE CAB PACKAGE #1**

**INCLUDES ALUM SIDE SKINS, ALUM REAR SKIN, ALUM WINDSHEILD MASK, STEEL FIREWALL,**

**STEEL FRONT FLOOR SHEET, STEEL ISOLATOR INSERT**

**THERMAL INSULATION PACKAGE IN CAB**

**INCLUDES THICK, CLOSED CELL FOAM IN FLOOR, SPECIAL MYLAR-FACED FOAM IN WALLS AND ROOF STRUCTURE**

**RUBBER FENDER LIPS 2.25 INCH WIDE**

**ULTRARIDE HIGHBACK VINYL AIR DRIVER SEAT**

**ULTRARIDE HIGHBACK VINYL PASSENGER SEAT NON-SUSP  
MOUNTED ON IN-CAB BATTERY BOX. SEAT CUSHION BOLTED TO BATTERY BOX  
COVER. INCLUDES TWO BATTERY  
DISCONNECT SWITCHES.**

**ARM REST RH ONLY DRIVER SEAT**

**3-POINT SAFETY BELT DRIVER & PASS**

**POWER DOOR LOCKS BOTH DOORS**

**MANIFEST POUCH ON REAR CAB WALL**

**18 INCH (4) SPOKE FOAM STEERING WHEEL-SOFT TOUCH**

**ADJUSTABLE STEERING COLUMN**

**Tilt and Tele**

**ACCENT INTERIOR GRAY/BLACK**

INCLUDES VINYL PADDED INTERIOR PANELS, DOOR PADS W/ CARPET INSERT &  
LH MANIFEST POUCH, (2) INSIDE  
SUNVISORS W/ MAP STRAP, (2) COAT HOOKS, CUP HOLDER & MAP BIN IN DASH,  
(2) DOME READING LIGHTS, (2)  
INSIDE ENTRY GRAB HANDLES, & BLACK RUBBER FLOOR MATS.

**EXTENDED REAR WINDOW BACK OF CAB FIXED STD TINT**

**VIEW WINDOW IN RH DOOR**

**AIR LIFT WINDOW - BOTH DOORS W/ DRIVER CONTROLS**

**COMBO FRESH AIR HEATER/AIR CONDITIONER**

WITH RADIATOR MOUNTED CONDENSER  
54,500 BTU/HR HEATER/AIR CONDITIONER  
BI-LEVEL HEATER DEFROSTER CONTROLS

**SILICONE HEATER HOSES**

**HEATER WATER SHUTOFF PARKER BALL VALVES**

1/4 TURN, CAB/SLPR

**OUTSIDE SUNVISOR STAINLESS STEEL**

**STAINLESS STEEL MIRRORS 7 x 16 INCH W/ HEAT ELEMENT**

PRUTSMAN MDP716S

**CONVEX MIRROR OVER RH DOOR**

**(2) CONVEX PRUTSMAN 8 INCH SS MIRROR**

CENTER MOUNTED UNDER MIRROR BRACKET

STAINLESS STEEL MIRROR FASTENERS  
BRACKETS OPTIMIZED FOR 102 INCH WIDTH

**(2) AIR HORNS 24.5 INCH CHROME - ROUND W/ HORN SHIELD**  
SINGLE ELECTRIC HORN

**PANASONIC AM/FM/WEATHERBAND**  
WITH TWO SPEAKERS, ELECTRONIC TUNING, 18 STATION PRESETS, AUTO-  
PRESET SCAN, SEEK TUNING,  
TONE CONTROL, BALANCE CONTROL AND FADER, QUARTZ CLOCK, LED  
LIGHTING.

**RADIO ANTENNA MOUNTED LOGGER STYLE**  
N7780 USE NEW "CRANE TYPE" LOGGER  
NN7781 STYLE MOUNTING

**CONSTANT POWER TO RADIO MEMORY**

**PLUG-IN AUTO RESET CIRCUIT BREAKER IN PLACE OF FUSES IN JUNCTION BOX**

**DUAL DOOR STOP - DRIVER DOOR**

**PETERBILT ELECTRIC WINDSHIELD WIPERS WITH INTERMITTENT FEATURE**

**5 LB 3a:40bc FIRE EXTINGUISHER MOUNTED BETWEEN DRIVER SEAT & DOOR**

**TRIANGLE REFLECTOR KIT SHIPPED LOOSE**

**ECCO 630 BACKUP ALARM**

**INSTRUMENT PACKAGE #3**  
INCLUDES PETERBILT ELECTRIC SPEEDOMETER W/ TRIP ODOMETER,  
TACHOMETER, VOLTMETER, DUAL AIR  
PRESSURE, ENGINE OIL PRESSURE, ENGINE OIL TEMPERATURE, WATER  
TEMPERATURE, AND FUEL LEVEL GAUGE  
(SEE PRICEBOOK FOR INSTRUMENT PACKAGE #3 DETAILS FOR THE MODEL 387  
WHICH INCLUDES MINI MESSAGE  
CENTER).

**STANDARD WARNING LIGHT LIGHT PACKAGE**  
INCLUDES HIGH WATER TEMPERATURE, LOW OIL PRESSURE, AND LOW AIR  
PRESSURE WARNING LIGHTS WITH  
BUZZERS, HIGH BEAM AND TURN SIGNAL INDICATORS. INTERAXLE DIFFERENTIAL  
LOCKOUT WARNING LIGHT  
WITHOUT BUZZER INLET AIR HEATER AND ALTERNATOR CHARGING  
SYSTEM WARNING LIGHTS WITHOUT BUZZERS  
WARNING LIGHT BAR LOCATED IN TOP CENTER OF THE INSTRUMENT PANEL

**BRIGHT BEZEL GAUGES IPO BLACK**

**CUSTOM NAMEPLATE**

N8070 RDK TRUCK SALES

**HEADLIGHTS SINGLE RECT POD MOUNTED W/ HALOGEN HI BEAM WITH INTEGRAL TURN SIGNALS**

**MARKER LIGHTS (5) RECT ICC**

**DOMELIGHT (1) ADDITIONAL MOUNTED IN CENTER OF CAB**  
(ADDITIONAL TO STANDARD INTERIOR LIGHTS)  
RR COMBINATION STOP, TURN & TAIL LIGHTS

**LOADLIGHTS (2) BRACKET MOUNTED LOCK**

## **PAINT**

**PAINT COLOR SELECTION WITHIN PAINT DECK**

**IMRON SOLID COLOR PAINT**

N8534 RDK TO CONFIRM PAINT

N8535 TYPE & COLOR

N85020 1 - N0006HP WHITE

N85200 FRAME N0001HP BLACK

N85300 WHEEL N0006HP WHITE