



2005 Freightliner M2 Chassis Spec.
Pac-Mac Grapple Truck Loader

RDK Truck Sales and Service, Inc.
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Code	Description
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ENGINE

101-13H MBE900-230 6.4L 230HP@2500 660 LB/FT @1200 RPM
99C-007 2004 EPA/ Carb Emission Certification

ENGINE EQUIPMENT

105-01	Engine Mounted Oil Check and Fill
133-04	One Piece Valve Cover
14-99	Side of Hood Air Intake with Firewall
124-1CN	DR12 Volt 145 AMP 24-SI Alternator
292-100	(1) Alliance 1031 GRP31 12 Volt MF 1520 CCA
290-017	Battery Box Frame Mounted
282-001	Single Battery Box Frame Mounted LH side Under Cab
291-001	Frame Ground Return for Battery Cables
289-001	Non-Polished Battery Box Cover
107-005	Wabco 15.5 CFM Air Compressor
131-002	Teflon Compressor Discharge Line
152-041	Electronic Engine Integral Shutdown Protection System
016-013	Single Horizontal Muffler with Horizontal Tail Pipe, RH Mounted
273-035	Horton HT650 Frontal Air On/Off Engine Fax Clutch
276-001	Automatic Control without Dash Control
110-040	MBE Fuel Filter
118-001	Full Flow Oil Filter
266-052	870 Square Inch Radiator
103-036	Antifreeze to -34F, Ethylene Glycol, Pre Charged HD Coolant
171-007	GATES Blue Stripe Coolant Hoses
172-001	Constant Tension Hose Claps for Coolant Hoses
168-002	Lower Radiator Guard
360-998	No PTO Front of Engine
134-001	Aluminum Flywheel Housing
155-050	Delco 12 Volt 29 MT Starter

TRANSMISSION & EQUIPMENT

342-582	Allision 3000 RDS Automatic with PTO Provisions
342-18	WTEC Calibration – 5 Speed (Package 113)
353-27	Vehicle Interface Wiring and PDM with Body Builder Connector
341-18	Magnetic Plugs, Engine Drain, Transmission Drain, Axle
345-03	Push Button, Electronic Shift Control, Dash Mounted
370-11	Water to Transmission Cooler – Frame Mounted
346-03	Transmission Oil Check and Fill with Electronic Oil Level Check

FRONT AXLE, SUSPENSION & EQUIPMENT

400-1A6	AF.12.03 12,000 # FF1 71.5KPI/3.74 Drop single Front Axle
402-020	Meritor 15 x 4 Q+ Cam Front Brakes
403-002	Non-Asbestos Front Brake Lining
419-023	Conmet Cast Iron Front Brake Drums
427-001	Front Brake Dust Shields
409-002	Chicago Rawhide Scotseal Front Oil Seals
408-001	Vented Front Hub Caps – Oil
416-022	Standard Spindle Nuts for all Axles
405-002	Meritor Automatic Front Slack Adjusters
536-050	TRW THP-60 Power Steering
539-003	Power Steering Pump
534-015	2 Quart see through Power Steering Reservoir
620-015	12,000 Taperleaf Front Suspension
619-005	Maintenance free rubber bushings front suspension
410-001	Front Shock Absorbers

REAR AXLE, SUSPENSION & EQUIPMENT

420-1C8	ARS-21.0-4 21,000 # R-Series Single Rear Axle
421-588	5.88 Axle Ratio
424-001	Iron Rear Axle Carrier Housing
386-013	17T Meritor Main yoke Driveline w/ Half Rounds
595-027	Mobil Synthetic SAE 75W-90W All Axles
423-032	Meritor 16.5 x 7 Q+ Stamped Spider CamRear Brakes, Double Anchor
433-002	Non-Asbestos Rear Brake Lining
434-001	Brake Cams and chambers on Forward side of Drive Axle
451-023	Conmet Cast Iron Rear Brake Drums
425-002	Rear Brake Dust Shields
440-001	Chicago Rawhide Scotseal Rear Oil Seal
426-074	Haldex Longstroke 1-Drive Axle Parking Chambers
428-002	Meritor Automatic Rear Slack Adjusters
622-1MU	21,000 Lb. 52" Variable rate Multi-Leaf Spring with Rubber Helper
621-001	Spring Suspension – No Axle Spacers
431-001	Standard U-Bolt Pad

BRAKE SYSTEM

18-02	Air Brake Package
490-100	WABCO 4S/4M ABS without Traction Control Enhancement
871-01	Reinforced Nylon, Fabric Braid and Wire Braid Chassis Air Lines
412-01	Standard Brake System Valves
432-03	Relay Valve 5-8 PSI Crack Pressure
480-09	BW AD-9 Brake Line Air Dryer with Heater
460-01	Steel Air Brake Reservoirs
477-06	BW DV-2 auto Drain Valve Without Heater on all Tanks
335-04	Up Graded Chassis Multiplexing Unit
32A-002	Upgraded Bulkhead Multiplexing Unit

FRAME AND WHEELBASE

545-595	234" Wheelbase
546-100	11/32" x 31/2" x 10 3/16" Steel Frame 120KSI
552-30	63" Rear Frame Overhang
565-01	Standard Suspension Crossmember

CHASSIS EQUIPMENT

556-1AN	Three-Piece 14" Steel Center Bumper with Flexible Plastic Ends
558-001	Front Tow Hooks – Frame Mounted
607-001	Clear Frame Rails / No Protrusions
551-007	Grade 8 Threaded Hex-Headed Frame Fasteners

FUEL TANK(S) AND EQUIPMENT

206-192	50 Gallon Rectangular Aluminum Fuel Tank RH
204-192	50 Gallon Rectangular Aluminum Fuel tank LH
212-07	Fuel Tanks Moved Forward
216-20	Equiflo Inboard Fuel System
202-03	Reinforced Nylon Fuel Hose

TIRES

93-195	Goodyear G357 11R22.5 14 Ply Radial - Front
94-195	Goodyear G357 11R22.5 14 Ply Radial – Rear

HUBS AND WHEELS

418-30	Conmet Iron Front Hubs
450-30	Conmet Iron Rear Hubs
502-411	Accuride 28408 22.5 x 8.25 10-Hub Pilot Steel Disc (Front and Rear)

CAB EXTERIOR

829-71	106" BBC Flat Roof Aluminum Conventional Cab
650-09	Rubber Cab Mounts
678-01	Grab Handles (LH & RH)
646-23	Hood Mounted Chromed Plastic Grille
644-04	Fiberglass Hood
727-1AH	Single 14" Round Polished Air Horn
726-001	Single Electric Horn
728-001	Single Horn Shield
657-001	All Locks Keyed the Same
312-038	Integral headlight / Marker Assembly with Chrome Bezel
302-001	(5) Amber Mark Lights
311-001	Daytime Running Lights
294-001	Integral Stop/Tail/Backup Lights
300-015	Standard Front Turn signal Lights
744-1BN	Dual Bright West Coast Mirrors
797-001	Door Mounted Mirrors
743-204	LH/RH 8" Bright Finish convex Mirrors
729-001	Standard side/Rear Reflectors
768-043	63" x 14" Tinted Rear Window
661-003	Tinted Door Glass LH & RH with Tinted Non-Operating Wing Windows
654-003	Manual Door window Regulators

TM

663-013 Tinted Windshield
659-007 8 Liter Windshield Washer Reservoir

CAB INTERIOR

707-1AK Opal Gray Vinyl Interior
706-013 Molded Plastic Door Panel
772-027 Gray Vinyl Mats with Insulation
691-008 Forward Roof Mounted console with Upper Storage
694-010 In Dash Bin
742-007 (2) Cup Holders, LH & RH Dash
680-006 Gray/Charcoal Flat Dash
700-002 Heater, Defroster and Air Conditioner
703-005 Main HVAC Controls with Re-Circulation Switch
130-003 Sanden Compact Air Conditioner Compressor
702-002 Binary Control – R-134A
739-001 Cab Insulation
285-013 Solid State Circuit Protection and Fuses
280-007 12 Volta Negative Ground Electrical System
324-008 Dome Lite with 3-way Switch
655-001 Cab Door Latches with Manual Door Locks
756-1CV High Back Non Suspension Driver Seat
760-1CV High Back Non Suspension Passenger Seat
711-004 LH/RH Integral door Panel Arm Rest
532-001 Fixed Steering Column
540-015 18" LK Four Spoke Charcoal Steering Wheel
765-002 Driver/ Passenger Interior Sun Visors

CONTROLS & INSTRUMENTS

870-01 Black Gauge Bezels
732-04 Gray Instrument Panel – Driver
486-01 Low Air Pressure Light and Buzzer
840-02 2" Primary and Secondary Air Pressure Gauges
198-25 In take Mounted Air Restriction Indicator without Graduations
149-13 Cruise control – Electronic engine, with Switches in LH Switch Panel
811-11 ODO/TRIP/HOUR/DIAGNOSTIC/VOLTAGE Display
148-03 Programmable RPM Control Engine
856-01 Electrical Engine Coolant Temperature Gauge
864-05 Transmission Oil Temperature Indicator Light
852-02 Electric Engine Oil Pressure Gauge
750-02 F/L XTA-2000 AM/FM/WB Radio – Delco Antenna Mounted on Forward LH Roof
812-01 Electronic Tachometer 3000 RPM
660-08 single Electric Windshield wiper Motor with Delay
882-09 One Valve Parking Brake with Warning Indicator
299-13 Self Cancel Turn Signal Switch with Dimmer, Washer/Wiper and Hazard
298-39 Integral Electronic Turn Signal Flashers

PAINT

980-3F6 Cab White – N006HN
986-020 Frame Black
966-970 Wheels – White