



Pup
ROUSTABOUT
OWNER'S MANUAL

FULL-SIZE ROUSTABOUT BEDS WITH 20K WINCHES (mechanical and hydraulic driven)
FULL-SIZE ROUSTABOUT BEDS WITH 30K WINCHES (mechanical and hydraulic driven)
MINI ROUSTABOUT BEDS WITH 15K ELECTRIC WINCHES

Pup
PICK-UP PALS INC.

806.794.7444 | 800.245.7473
6810 WAYNE AVENUE | LUBBOCK, TEXAS | PICKUPPALS.COM

INFORMATION MAY CHANGE WITHOUT NOTICE

LIMITED WARRANTY

Forman's Pick-Up Pals, Inc. warrants to the end-user *Pup* manufactured products to be free from defects in material and workmanship under normal use and service for a period of 60 days from the date of purchase by end-user or in-service date. To make a claim for a defect in materials or workmanship during the 60-day period, you must contact us at (806) 794-7444 or (800) 245-7473 and provide details of the claim. Once we have determined to our satisfaction that any part or workmanship is in need of repair, we will repair, or, at our option, replace defective parts at either our place of business:

6810 Wayne Avenue in Lubbock, Texas, or at an alternate repair facility of our selection. It is the customer's responsibility to deliver the part or material in need of repair to the designated repair facility.

Forman's Pick-Up Pals, Inc. does NOT warrant engines, batteries, tires, hydraulic parts, transmissions, winches, power take offs, cranes, or other parts, accessories or components not manufactured by us.

This warranty does NOT include any wearable component such as clutches, brakes, bearings or rigging. All parts not manufactured by Pick-Up Pals are warranted according to the manufacturer's warranty, if any.

FORMAN'S PICK-UP PALS, INC. SHALL NOT BE LIABLE FOR:

1. INJURIES AND/OR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES INCLUDING, WITHOUT LIMITATION, LOSS OF GOOD WILL, PROFITS OR REVENUE, LOSS OF USE OF THIS PRODUCT OR ANY DAMAGE TO ASSOCIATED EQUIPMENT, COST OF SUBSTITUTE EQUIPMENT, DOWNTIME COSTS OR CLAIMS OF ANY THIRD PARTY OR ORIGINAL PURCHASER.

2. DAMAGE WE DETERMINE IS CAUSED BY MISUSE, ABUSE, NEGLIGENCE, OVERLOADING, COLLISION, ABRASION, CORROSION, MODIFICATION, TOWING, PULLING OR UNREASONABLE OPERATION NOT IN ACCORDANCE WITH THE PROVIDED OPERATING INSTRUCTIONS.

3. DAMAGE CAUSED BY ANY OTHER FACTOR BEYOND THE CONTROL OF THE MANUFACTURER.

IT IS THE CUSTOMER'S RESPONSIBILITY TO BE FAMILIAR WITH WORKING LOAD LIMITS AND OPERATION OF THE COVERED COMPONENTS.

ROUTINE MAINTENANCE IS THE OWNER'S RESPONSIBILITY.

FORMAN'S PICK-UP PALS, INC. IS NOT RESPONSIBLE FOR ALTERED OR REMANUFACTURED COMPONENTS, MACHINES OR APPLICATIONS. ADDING OR REMOVING COMPONENTS BY ANYONE OTHER THAN PICK-UP PALS, INC. OR ITS DESIGNATED REPAIR CENTER WILL VOID THIS WARRANTY.

FORMAN'S PICK-UP PALS, INC. EXTENDS NO OTHER WARRANTIES, EXPRESSED OR IMPLIED.

**BEFORE OPERATING OR PERFORMING
MAINTENANCE ON THIS TRUCK BED,
THE OWNER'S MANUAL MUST BE READ
AND UNDERSTOOD.**

**A COPY OF THIS MANUAL MAY ALSO BE
ACCESSED AT PICKUPPALS.COM**

DELIVERY / IN-SERVICE DATE:

RECORD YOUR BED NUMBER HERE:

#

NAME OF OPERATOR:

**DO NOT REMOVE DECALS FROM TRUCK BED!
IF ONE BECOMES LOST OR WORN,
CALL IMMEDIATELY FOR REPLACEMENT.
806-794-7444 OR 800-245-7473**



ROUSTABOUT OWNER'S MANUAL

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THIS TRUCK COMPLETED BY AN



OPERATING INSTRUCTIONS

Please see the following pages for instructions and warnings regarding the use of this vehicle. These pages contain duplicates of warning decals found on the vehicle. These decals include full explanation of proper operation. Follow the instructions contained on the decals and heed all warnings.

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SAFETY INFORMATION

CAUTION:

TO PREVENT POSSIBLE INJURY OR DEATH:

READ AND UNDERSTAND all safety decals on the truck bed.

DO NOT go underneath the vehicle with the engine running.

DO NOT attempt to work on an installed Power Take-Off with the engine running.

DO NOT engage the Power Take-Off with valves closed.

DO NOT operate the controls of the Power Take-Off or other driven equipment from underneath the vehicle with the engine running.

DO NOT operate the controls of the Power Take-Off or other driven equipment in any position that could result in getting caught in the moving machinery.

DO NOT move the load or the winch platform, or operate the winch before making certain the drum clutch is set to "ENGAGE" and the clutch is fully engaged.

DO NOT attempt to engage drum clutch while cable drum is rotating.

DO NOT attempt to disengage drum clutch with a load applied to the winch cable.

KEEP CLEAR of exposed rotating shafts. Clothes, skin, hair and hands can become snagged.

KEEP CLEAR of truck and load should the crane / gin poles or vehicle become electrically charged.

VISUALLY CHECK engagement of PTO and winch clutches before applying load. Indicator lights **DO NOT** guarantee engagement. Visualization of and reliance upon indicator lights should not replace visual inspection of PTO and winch for engagement.

MAKE SURE TO BLOCK any moving or raised device that may injure a person working on or under the truck. A lever or its linkage may be accidentally moved causing movement of the device which could cause injury to a person near the device.

DO NOT remove or paint over decals.

DO NOT REMOVE DECALS!



Located on both sides of vehicle in the rear.

Heed warning of electrocution hazard. Keep clear of truck and load. Death or serious injury can result from contact with the load, the crane / gin poles or the vehicle if the boom or load line should become electrically charged.



Located on both sides of vehicle in the rear.

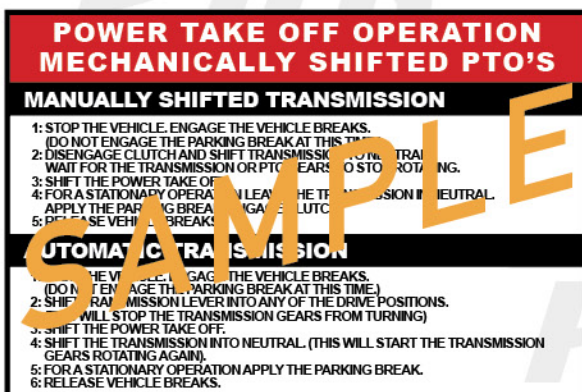
Heed warning of pinch points to avoid serious injury.



Located on driver's side.

Be aware of dangers involved with rotating shafts. Clothes, skin, hair and hands can become snagged and cause serious injury or death.

Keep clear of exposed rotating shafts. Do not work on or near an exposed shaft when engine is running. Shut off engine before working on Power Take-Off or driven component.



Located inside cab on driver's side visor.

Read and follow the Power Take-Off Operation steps for your transmission: Manual or Automatic.

Failure to carefully follow instructions will damage Power Takeoff, transmission and could cause load drop resulting in property damage, injury or possible death.

DO NOT REMOVE DECALS!



FOR HYDRAULIC UNITS ONLY.

Located on hydraulic tank.

Heed warning: Do not engage Power Take-Off with valves closed. High pressure blow out of hydraulic may result.



Located inside cab on driver's side visor.

FOR MANUAL TRANSMISSION ONLY.

READ OWNER'S MANUAL BEFORE OPERATING!

SEE POWER TAKE OFF OPERATION DECAL ON PAGE 5.

Must depress clutch before shifting.

IN - winch drum is engaged and pulling cable in.

OUT - winch drum is engaged and letting cable out.

OFF - PTO is not engaged.



Located inside cab on driver's side visor.

Heed all winch drum clutch control warnings to avoid loss of load control, property damage, injury or death.



Located on dash for mechanical drive winches, on dash or on outside bed controls for hydraulic winches.

CLUTCH WILL NOT OPERATE WHEN WINCH IS UNDER LOAD!

PUSH - when clutch dogs are pushed in, clutch is engaged.

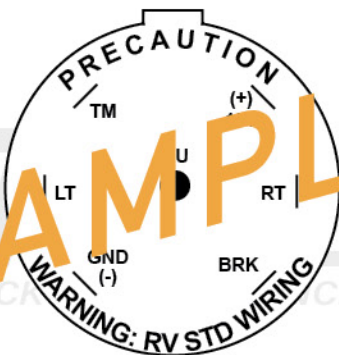
PULL - when clutch dogs are pulled out, clutch is not engaged.

DO NOT REMOVE DECALS!

CAUTION:

PERIODIC MAINTENANCE & LUBRICATION OF DRIVE LINE COMPONENTS, PTO SHIFTER & WINCHES REQUIRED FOR PROPER PERFORMANCE.

Located on driver's side. Periodic maintenance and lubrication of drive line components, Power Take-Off shifter and winches is required for proper performance.



Warning! This truck bed is wired according to standard RV wiring. Pick-Up Pals, Inc. is not responsible for damage caused by improper connection.



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CONNECTING LINK ONLY FOR A STRAIGHT PULL.

ESTA CONEXION ES PARA JALAR RECTAMENTE.

GRAB HOOK WITH SAFETY CATCH. SECURE THE SAFETY CATCH PIN WITH THE CHAIN AS SHOWN. DO NOT REMOVE PIN.

GANCHO CON PASADOR DE SEGURIDAD. ASEGURE EL PASADOR DE SEGURIDAD CON EL PASADOR DE SEGURIDAD. NO REMOVER EL PASADOR.



KEEP CLEAR OF TRUCK AND LOAD

NOTE: BASED ON THE INSTITUTE OF AMERICA, INC.:
1/2" DIA. ROPE VERTICAL LOAD LIMIT: 5,000 LBS. 15K WINCH.
5/8" DIA. ROPE VERTICAL LOAD LIMIT: 7,800 LBS. 20K WINCH.
3/4" DIA. ROPE VERTICAL LOAD LIMIT: 11,200 LBS. 30K WINCH.

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DO NOT EXCEED DEG. NO EXCEDER EL GRADO.

5'-0"

LOAD CARGA

BACK UP GIN POLE TRUCK TO LOAD APPROX 5'-0"

ACORDE LA UNIDAD APROXIMADAMENTE 5'-0" DE LA CARGA.

MANTENGASE LEJOS DE LA UNIDAD Y CARGA

NOTA: BASADO EN EL INSTITUTO DE AMERICA, INC.:
EL GRILLETE DE 1/2" DIA. CARGA VERTICAL 5,000 LBS. 15K MALACATE.
EL GRILLETE DE 5/8" DIA. CARGA VERTICAL 7,800 LBS. 20K MALACATE.
EL GRILLETE DE 3/4" DIA. CARGA VERTICAL 11,200 LBS. 30K MALACATE.

Located on driver's side. Connecting link **ONLY** for straight pull. Grab hook with safety catch. Secure safety catch pin with the chain as shown. **DO NOT** remove pin. Keep clear of truck and load. Back up gin pole truck to load: approximately 5 feet. **DO NOT** exceed 20 degrees. 5/8" shackle working load limit: 6,500 lbs. Safe working loads on: 1/2" winch line is 5,000 lbs. (15K winch), 5/8" winch line is 7,800 lbs. (20K winch), and 3/4" winch line is 11,200 lbs. (30K winch).

See chart on **page 9** for more information on safe working loads.

DO NOT REMOVE DECALS!

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DO NOT DRAG FROM EITHER SIDE. THIS WILL DAMAGE THE WINCH AND CAN CAUSE SERIOUS INJURY OR DEATH.

LA CARGA DEBE SER ARRASTRADA DE NINGUN LADO. ESTO CAUSA DAÑO A LOS POSTES Y PUEDE CAUSAR LA MUERTE O LESIONES SERIAS.

NOTE: WINCH OPERATOR MANUAL FOR SAFETY. GROUND PERSONNEL SHOULD REMAIN A SAFE DISTANCE FROM THE LOAD AND WINCH CABLE. WINCH CABLE SHOULD BE INSPECTED DAILY FOR SERVICEABILITY.

A MINIMUM OF FIVE WRAPS OF TIGHTLY WOUND CABLE MUST REMAIN ON THE DRUM.

NOTA: ES IMPORTANTE LEER Y ENTENDER EL MANUAL PARA SU SEGURIDAD. TOGO EL PERSONAL DEBE PERMANECER A UNA DISTANCIA SEGURA DE LA CARGA Y EL CABLE DEL MALACATE. EL CABLE DEBE SER INSPECCIONADO DIARIAMENTE PARA SU MANTENIMIENTO.

UN MAXIMO DE 5 VUELTAS ALREDEDOR DEL TAMBOR SE TIENEN QUE MANTENERO ESTRECHADO.

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Located on driver's side. **DO NOT** drag load from either side to avoid serious injury or death. See winch operator manual for safety. Ground personnel should remain a safe distance from the load and winch cable. Winch cable should be inspected daily for serviceability. A minimum of 1 layer of tightly wound cable must remain on the drum. **Side loading poles will void all warranties.**

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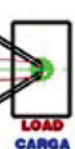
MAINTAIN CROSS CHAINS IN GOOD CONDITION.

WARNING: KEEP WINCH SERVICE MANUAL IN CAB. FOLLOW ALL THE RECOMMENDATIONS. FAILURE TO DO SO MAY RESULT IN SERIOUS INJURY OR DEATH.

MANTENGA EL MANUAL DEL MALACATE EN LA CABINA. SIGA TODAS LAS RECOMENDACIONES. NO IGNORE Y SIGUA LOS PASOS PARA PREVENIR ACCIDENTES O LA MUERTE.

INCORRECT - DO NOT DRAG.

INCORRECTO - LA CARGA NO DEBE SER JALADA.



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Located on driver's side. Keep cross chains in good condition. Keep winch service manual in cab. Follow all the recommendations. Failure to do so may result in serious injury or death. **DO NOT** drag load. **Dragging loads will void all warranties.**

As an example of safe load working limits, we have reproduced parts of the Crane Institute of America, Inc. Rigger's Capacity Card . For complete capacity information and education, please refer to the Crane Institute of America at craneinstitute.com or by calling 1-800-832-2726.

Safe working load recommendations: Please review the "Wire Rope Slings" section: "1 Leg, Vertical" for safe winch line working loads.

Example: 5/8" winch line has a safe working load of 7,800 lbs.

7.16.15

Rigger's Capacity Card

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Crane Institute of America, LLC.

www.craneinstitute.com • 3880 St. Johns Parkway, Sanford, Florida 32771 • 407-322-6800

Shackles • Screw Pin/Bolt Type

Nominal Shackle Size (inches)	Working Load Limit (pounds)	Nominal Shackle Size (inches)	Working Load Limit (pounds)
3/16	660	1	17,000
1/4	1,000	1 1/8	19,000
5/16	1,500	1 1/4	24,000
3/8	2,000	1 3/8	27,000
7/16	3,000	1 1/2	34,000
1/2	4,000	1 3/4	50,000
5/8	6,500	2	70,000
3/4	9,500	2 1/4	80,000
7/8	13,000	2 1/2	110,000

Forged Eye Bolts • Shouldered Type

Nominal Size (inches)	90 deg. (pounds)	60 deg. (pounds)	30 deg. (pounds)	0 deg. (pounds)
1/4	400	75	NR	NR
5/16	680	210	NR	NR
3/8	1000	400	220	180
1/2	1840	850	520	440
5/8	2940	1410	890	740
3/4	4340	2230	1310	1140
7/8	6000	2960	1910	1630
1	7880	3850	2630	2320
1 1/4	12600	6200	4125	3690
1 1/2	18260	9010	6040	5460

Wire Rope Slings • 6 X 19 or 6 X 37 • EIPS • IWRC • MS • Rated Capacity in Pounds

Rope Diameter (Inches)	1 LEG		Basket or 2-Leg	BASKET AND 2 LEG BRIDLE		
	Vertical	Choker		60 degree	45 degree	30 degree
3/8	2800	2200	5800	5000	4000	2800
7/16	3800	2800	7800	6800	5400	3800
1/2	5000	3800	10200	8800	7200	5000
9/16	6400	4800	12800	11000	9000	6400
5/8	7800	5800	15600	13600	11000	7800
3/4	11200	8200	22000	19400	15800	11200
7/8	15200	11200	30000	26000	22000	15200
1	19600	14400	40000	34000	28000	19600
1 1/8	24000	18200	48000	42000	34000	24000
1 1/4	30000	22000	60000	52000	42000	30000
1 3/8	36000	26000	72000	62000	50000	36000
1 1/2	42000	32000	84000	74000	60000	42000
1 5/8	48000	36000	98000	84000	70000	48000
1 3/4	56000	42000	114000	98000	80000	56000

Rated capacities basket hitch based on D/d ratio of 25.

Rated capacities based on pin diameter no larger than natural eye width or less than the nominal sling diameter.

Horizontal sling angles less than 30 degrees shall not be used.

Calculating Load Weight • Weights of Materials & Liquids - lb per cubic ft

Aluminum	165	Limestone (solid)	163
Asbestos	153	Lumber: Douglas-fir	34
Asphalt	81	Lumber: Oak	62
Brass	534	Lumber: Pine	45
Brick (Soft)	110	Lumber: Poplar	30
Brick (Common)	125	Lumber: Spruce	28
Brick (Pressed)	140	Lumber: Railroad Ties	50
Bronze	534	Marble	170
Coal	84	Motor Oil	60
Concrete (Slag)	130	Paper	75
Concrete (Reinforced)	150	Petroleum: Crude	55
Copper	556	Petroleum: Gasoline	45
Crushed Rock	95	Portland Cement (Loose)	94
Diesel Fuel	52	Portland Cement (Set)	183
Earth, Dry (Loose)	75	River Sand	120
Earth, Dry (Packed)	95	Rubber	95
Earth, Wet	100	Sand & Gravel (Wet)	125
Glass	161	Sand & Gravel (Dry)	108
Granite	168	Steel	490
Ice	58	Tar	75
Iron	485	Tin	460
Lead	711	Water	65
Lime: Gypsum (Loose)	64	Zinc	440

Weights of Steel and Aluminum Plates – lb per square ft

plate size (inches)	steel	aluminum
1/8	5	1.75
1/4	10	3.50
1/2	20	7.00
3/4	30	10.50
1	40	14.00

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