

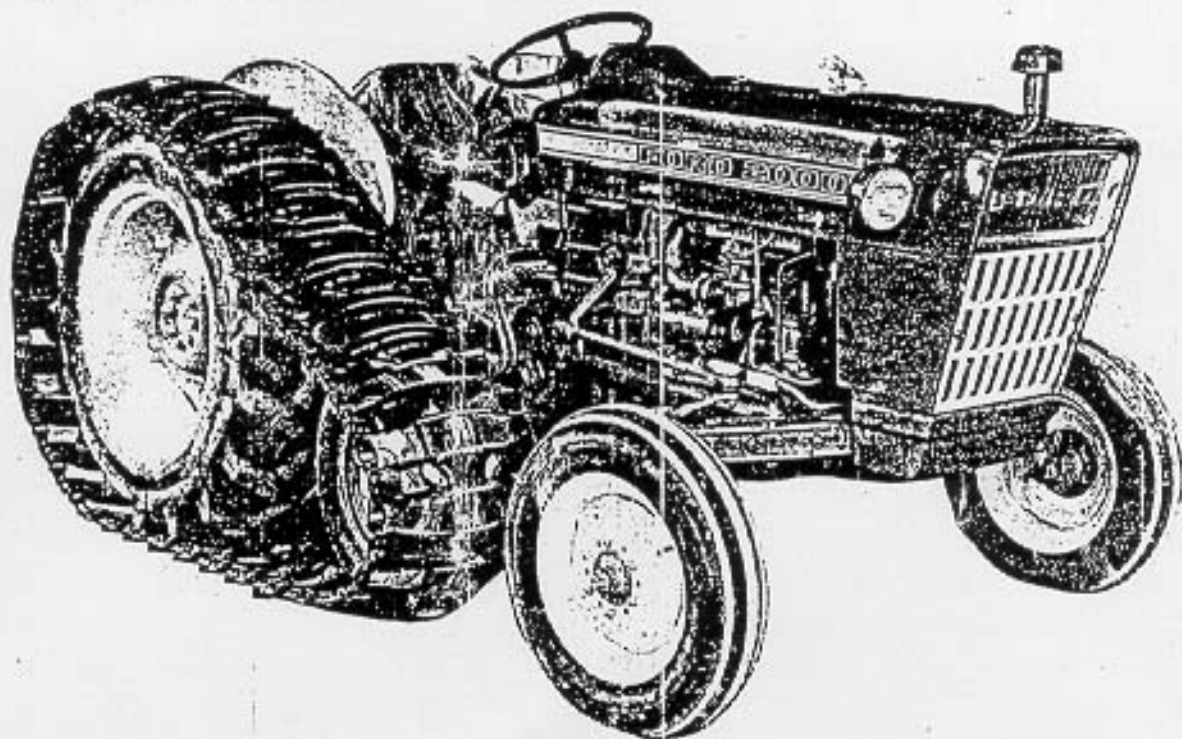
ARPS

HALF-TRACK

OWNER'S MANUAL

CONTENTS

GENERAL INSTRUCTIONS, INFORMATION, AND PARTS LIST FOR REGULAR DUTY, HEAVY DUTY, AND EXTRA HEAVY DUTY TRACKS. COVERS ALL TRACKS AND IDLER ASSEMBLIES FOR FARM AND INDUSTRIAL TRACTORS - FOR AXLE ADAPTERS, SEE SEPARATE INSTRUCTION COVERING THE MODEL TRACTOR BEING FITTED.



FOR PARTS AND SERVICE - CONTACT YOUR LOCAL FORD DEALER

WARRANTY

ARPS CORPORATION WARRANTS EACH NEW PRODUCT TO BE FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF 90 DAYS FROM THE DATE OF DELIVERY TO RETAIL PURCHASER. OBLIGATION UNDER THIS WARRANTY IS LIMITED TO REPLACEMENT OR REPAIR OF PART WHICH APPEAR TO HAVE BEEN DEFECTIVE IN MATERIAL OR WORKMANSHIP. THIS WARRANTY DOES NOT OBLIGATE THE MANUFACTURER TO BEAR THE COST OF LABOR OR TRANSPORTATION CHARGES RELATED TO THE REPLACEMENT OR REPAIR OF DEFECTIVE PARTS, NOR SHALL IT APPLY TO PRODUCTS UPON WHICH REPAIRS OR ALTERATIONS HAVE BEEN MADE UNLESS AUTHORIZED BY THE MANUFACTURER.



ARPS CORPORATION

A CHROMALLOY AMERICAN SUBSIDIARY

New Holstein, Wis. 53061

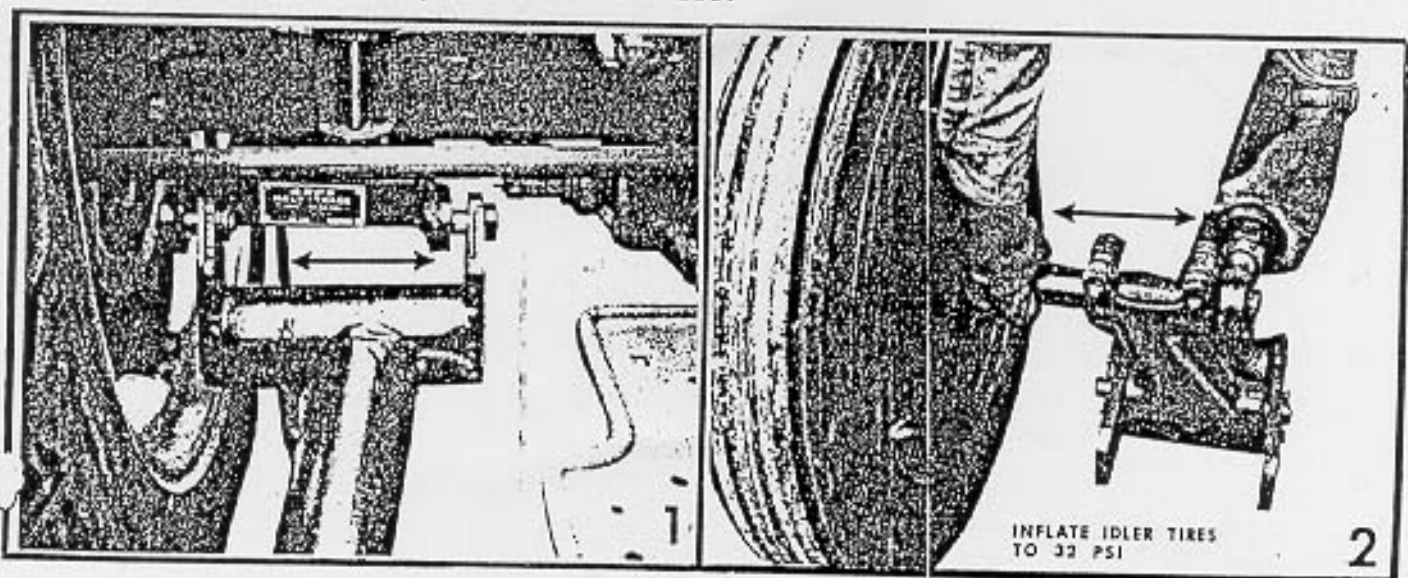
Better products for farm and industry since 1920

www.tractorclub.com

GENERAL INSTALLATION PROCEDURE

Assemble the Half Track in the following order:

- 1. Axle Adapter Brackets** for the tractor rear axles, one for each side, usually in right and left hand pairs.
 - a. Install in accordance with a separate instruction that is supplied with the axle adapter package.
 - b. Each tractor make and model generally requires a different axle adapter bracket style or type, therefore it is not covered by this instruction.
 - c. Set the wheel tread center to center distance according to the axle adapter instruction. Also note any special fender positioning or changing requirements for proper track clearance.
- 2. Idler Arms and Wheels.** Arms and wheels are shipped separate from each other. Arms are made in right and left hand pairs and are bundled together as such.
 - a. Slip the idler arms onto the axle adapter, see photo 1 below. Note, arms must angle out and the spring arm will align with the fork on the back side of the axle adapter. Both are toward the wheel side of tractor.
 - b. Slide the idler wheel spindle through the clamp on the rocker casting, being sure to pick up the ring at the end of the spring canister with the end of the spindle and that the ring is retained by the hook on the rocker casting. See photo 2 below.
 - c. Follow the diagram and notes on page 2 carefully for the proper selection of adjustment holes, shims, etc. for locating the idler wheel rocker casting and the spring canister on the idler arm, to properly assemble and hook-up the spring assembly, and to properly align the idler wheel with the tractor wheel.
- 3. Tracks.** The tracks are shipped as two large separate rolls and any extra shoes for lengthening the track are shipped as additional bundles.
 - a. Roll out the tracks and make them up to the proper length. See chart on page 4 for your track type, size, and tractor tire size.
 - b. Lay out the tracks behind the tractor wheels. Since the track is directional, see page 5 to note how the track must be faced to properly run on the tire.
 - c. Back the tractor onto the tracks until the backside of the rear wheel is approximately even with the end of the track. Chain or fasten the track to the wheel (one track only) and slowly drive forward so as to bring the track up and over the rear wheel, moving forward until the front wheel is off the track. Unfasten the track, bring the forward end up over the idler wheel and connect the track together. Tension the track somewhat. Repeat the procedure for the other track. Operate the tracks a few revolutions and tension them properly. See page 2.
- 4. Tracking Problems.** Page 2 completely explains the causes for any tracking problems. Any corrective measures that might be required would be to shim the axle bracket on the tractor axle until the condition is corrected. Be sure all shimming is done in such a manner as to be permanent and solid.



GENERAL ASSEMBLY, ALIGNMENT & ADJUSTMENT

FOR BEST OPERATING RESULTS H AND I SHOULD BE EQUAL WHEN TRACK IS UNDER PROPER TENSION. THE IDLER WHEEL IS THEN WELL CENTERED WITH THE DRIVE WHEEL.

WITH NO TRACK ON (SPRUNG IN)

WITH TRACK ON AND TENSIONED (STRAIGHT AND CENTERED)

"BUILT-IN" ALLOWANCE FOR SPRINGING WHEN UNDER TRACK TENSION (EXAGGERATED). IDLER SHOULD CENTER WITH TRACTOR WHEEL, WITH TRACK ON AND STRAIGHT.

UNLESS WHEEL TOE-IN OR TOE-OUT IS VERY EXCESSIVE, IT USUALLY IS NOT A CAUSING FACTOR WHEN THE TRACK RUNS TO ONE SIDE OR OFF. IT NORMALLY CAN BE IGNORED.

NOTE: SPRING AND RELATED PARTS ARE PART OF THE AXLE ADAPTER KIT AND MAY VARY SLIGHTLY.

WHEN NOT REQUIRED THE EXTRA SHIMS "A" MAY BE USED HERE.

TRACK NORMALLY IS NOT TAUT, BUT MAY SAG AS MUCH AS SEVERAL INCHES.

LEAN TO OUTSIDE, TRACK RUNS TO INSIDE OR AGAINST TRACTOR WHEN DRIVING FORWARD.

LEAN TO INSIDE; TRACK RUNS TO OUTSIDE OR OFF THE TIRE WHEN DRIVING FORWARD.

VERTICAL ALIGNMENT OF THE IDLER WHEEL IN RELATION TO THE DRIVE WHEEL WILL DETERMINE THE TRACKING ABILITY OF THE TRACKS. J AND K MUST BE EQUAL.

STRAIGHT EDGE PLACED AGAINST SIDE OF IDLER WHEEL.

IDLER WHEELS CAN BE MOVED IN OR OUT TO ALIGN WITH TRACTOR WHEEL BY USING CLAMP BOLTS "L".

2" TO 4"

SOMETIMES THIS PIN IS ALLOWED TO FREEZE TIGHT BY RUSTING AND TRACK TENSION CAN NOT BE MAINTAINED BECAUSE THE ROCKER CASTING WHICH SUPPORTS THE WHEEL SPINDLE WILL NOT MOVE.

SET UP SO WHEEL CAN BE FULLY RETRACTED AND CONTACT THE TRACTOR WHEEL SIMULTANEOUSLY. SEE D, E, F, AND G.

TRACK SHOULD ALWAYS CLEAR THE GROUND UNDER THE IDLER WHEEL. SEE A, B, C. CHECK THIS ON GROUND LEVEL. EXCEPT FOR APPEARANCES, BOTH SIDES NEED NOT BE PRECISELY ALIKE.

ON SOME MODELS, CLEVIS AND BOLT ARE A ONE PIECE WELDMENT.

PLACEMENT OF SPACER SHIMS "A" BETWEEN CLEVIS AND SPRING SUPPORT, SELECTION OF HOLES "B" IN CLEVIS AND HOLE "C" IN SPRING ARM EXTENSION OF THE IDLER ASSEMBLY WILL DETERMINE THE HEIGHT THAT THE IDLER AND TRACK CLEAR THE GROUND SURFACE. SEE DIMENSION AND NOTE UNDER WHEEL.

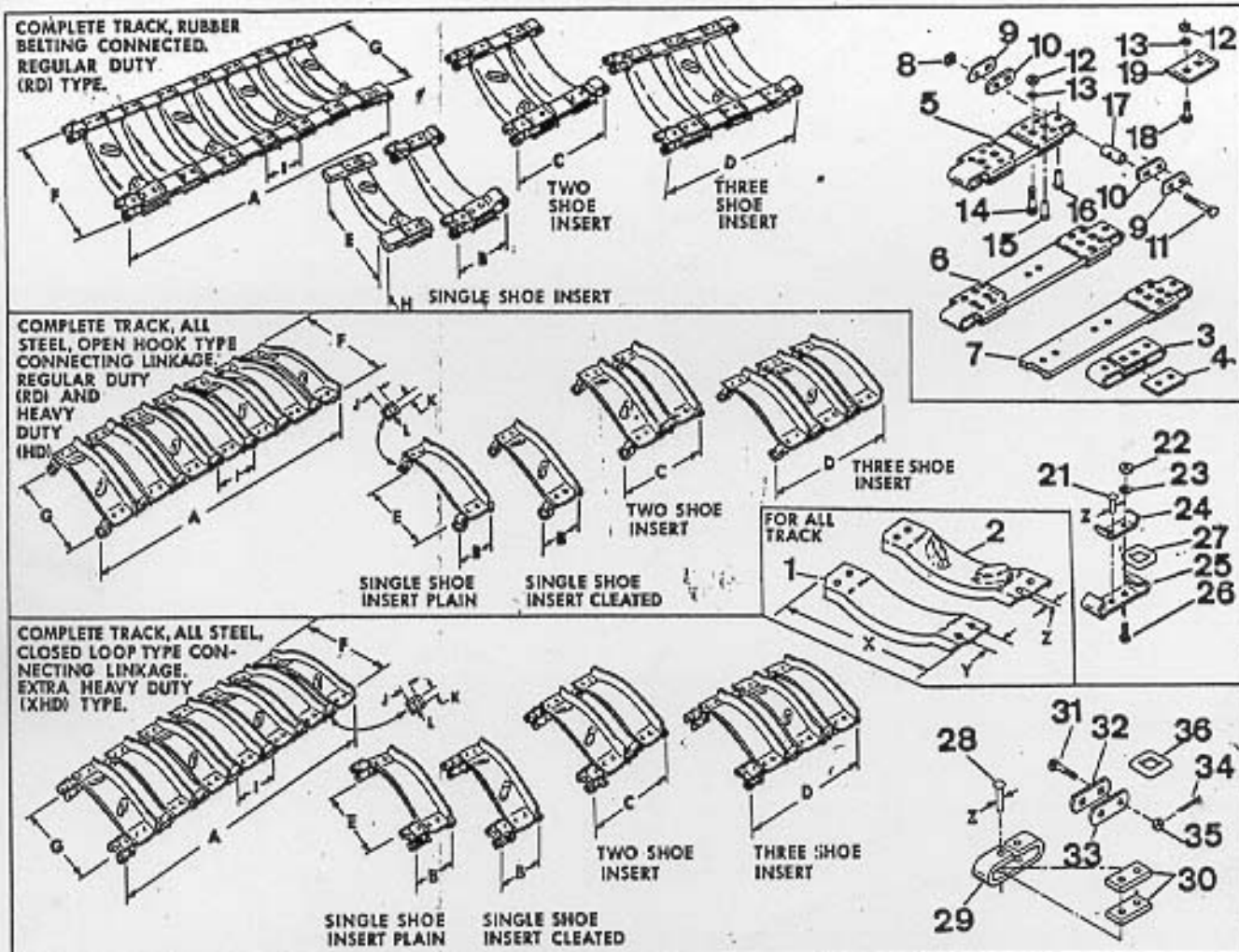
FOR NORMAL TRACK TENSION ADJUST NUT "F" UNTIL IT BEGINS TO ENTER THE CANISTER, OPERATE TRACK A FEW REVOLUTIONS AND AGAIN TIGHTEN UNTIL NUT BEGINS TO ENTER CANISTER. LOCK WITH LOCK NUT. ON OLDER TRACK INSTALLATIONS, WHEN TRACK CANNOT BE TENSIONED, CHECK TO SEE IF THE ROCKER CASTING PIVOT PIN HAS RUSTED TIGHT. SEE NOTE ABOVE, RIGHT.

IMPORTANT:

THE MOST FREQUENT CAUSE FOR TRACK NOT RUNNING CENTERED WITH THE WHEELS (AND SOMETIMES OFF) IS VERTICAL LEAN OF THE IDLER WHEEL. SEE J AND K ABOVE LEFT.

TRACK DESCRIPTION & BREAKDOWN

FOR PARTS LIST - SEE PAGE 7



	A	B	C	D	E	F	G	H	I	J	K	L	X	Y	Z
13" RD All Steel Track		5-1/16	--	--	10-1/2	14-15/16	12-1/4	--	5-1/16	1"	15/16	3/8	13-1/2	1-1/8	21/64
33 Shoe Roll		167-1/8													
36 Shoe Roll		182-5/18													
17" RD All Steel Track		5-1/16	--	--	13-1/4	17-5/8	5	--	5-1/16	1"	15/16	3/8	17-5/8	1-1/8	21/64
36 Shoe Roll		182-5/16													
42 Shoe Roll		212-11/16													
17" HD All Steel Track		5-1/2	11	16-1/2	12-3/4	17-5/8	15	--	5-1/2	1-1/4	1-3/8	7/16	17-5/8	1-1/8	25/64
34 Shoe Roll		172-3/16													
17" Rubber Belted Track		5-1/8	10-1/8	15-1/8	11-7/8	18-1/8	15	2-5/8	5	--	--	--	17-5/8	1-1/8	21/64
35 Shoe Roll		174-3/8													
40 Shoe Roll		200-1/8													
20" HD All Steel Track		5-1/2	--	--	16-1/4	20-3/4	18-1/2	--	5-1/2	1-1/4	1-3/8	7/16	19-7/8	1-1/8	25/64
35 Shoe Roll		192-1/2													
40 Shoe Roll		220													
20" XHD All Steel Track		5-7/8	11-3/4	17-5/8	16	21-3/4	18-1/2	--	5-7/8	1-3/8	1-3/8	1/2	19-7/8	1-1/2	29/64
33 Shoe Roll		193-7/8													
20" Rubber Belted Track		5-1/8	10-1/2	--	13-7/8	20-1/8	17	2-5/8	5-3/8	--	--	--	19-7/8	1-1/8	25/64
35 Shoe Roll		187-7/8													
39 Shoe Roll		209-3/8													
24" XHD All Steel Track		5-7/8	11-3/4	17-5/8	19	24-3/4	21-1/2	--	5-7/8	1-3/8	1-3/8	1/2	23-7/8	1-1/2	29/64
36 Shoe Roll		211-1/2													

CODE: A - Track Roll Length
 B - Single Shoe Insert Length
 C - Two Shoe Insert Length
 D - Three Shoe Insert Length
 E - Width Between Connecting Linkage For Tire Clearance
 F - Track Overall Width
 G - Connecting Linkage Center To Center Distance
 H - Rubber Belting Width

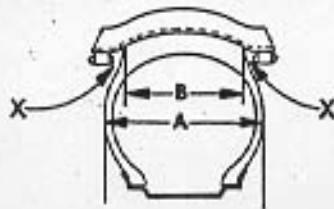
I - Pitch Distance or Shoe Spacing
 J - Square Link - Inside Length
 K - Square Link - Inside Width
 L - Square Link - Cross Section Diameter
 X - Overall Shoe Length
 Y - Linkage Hole Spacing In Shoe
 Z - Linkage Hole Diameter In Shoe

CHART FOR DETERMINING THE NUMBER OF TRACK SHOES REQUIRED PER TRACK BY TIRE SIZE

TIRE SIZE	FORMER TIRE SIZE DESIGNATION	TIRE SECTION DIAMETER SEE DIMENSION "A", PAGE 5	OVERALL TIRE DIAMETER	TRACK MOUNTED ON REGULAR DUTY (RD) IDLER ASSEMBLIES						TRACK MOUNTED ON XHD IDLER ASSEMBLIES				
				13" TRACK	17" TRACK	17" TRACK	20" TRACK	17" TRACK	20" TRACK	20" TRACK	20" TRACK	24" TRACK		
				Regular Duty (RD) Connecting Linkage (Steel) 33 or 36 Shoe Track Roll	Heavy Duty (HD) Connecting Linkage (Steel) 34 Shoe Track Roll	Rubber Belted Connecting Linkage 35 or 40 Shoe Track Roll	Extra Heavy Duty (XHD) Connecting Linkage (Steel) 35 or 39 Shoe Track Roll	33 Shoe Track Roll	35 Shoe Track Roll	36 Shoe Track Roll	37 Shoe Track Roll			
8.3 - 24	(8 - 24)	8.3	30.9	34 (+ or -)	NR (31)	WNF	NR	NR	NR	NR	WNF	WNF	NR	WNF
9.5 - 24	(9 - 24)	9.5	41.0	34 (+ or -)	32 (-)	WNF	NR	NR	NR	NR	WNF	WNF	NR	WNF
11.2 - 24	(10 - 24)	11.2	43.3	NR (35)	33 (-)	NR	NR	NR	NR	NR	NR	NR	NR	NR
12.4 - 24	(11 - 24)	12.4	45.8	WNF	33 (-)	NR (36)	NR	NR	NR	NR	NR	NR	NR	NR
13.6 - 24	(12 - 24)	13.6	47.5	NR (36)	WNF	NR	NR	NR	NR	NR	NR	NR	NR	NR
14.9 - 24	(13 - 24)	14.9	50.0	WNF	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
16.9 - 24	(14 - 24)	16.9	52.0	WNF	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
18.4 - 24	(15 - 24)	17.4	55.4	WNF	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
12.4 - 26	(11 - 26)	12.4	47.8	WNF	34 (+)	NR (37)	NR	NR	NR	NR	NR	NR	NR	NR
13.6 - 26	(12 - 26)	13.6	49.5	WNF	NR (38)	NR	NR	NR	NR	NR	NR	NR	NR	NR
14.9 - 26	(13 - 26)	14.4	52.0	WNF	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
16.9 - 26	(14 - 26)	16.9	54.0	WNF	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
18.4 - 26	(15 - 26)	18.4	57.4	WNF	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
23.1 - 26	(18 - 26)	23.1	63.4	WNF	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
11.2 - 28	(10 - 28)	11.2	47.3	NR (36)	34 (+)	NR (37)	NR	NR	NR	NR	NR	NR	NR	NR
12.4 - 28	(11 - 28)	12.4	49.0	WNF	35 (+)	NR (38)	NR	NR	NR	NR	NR	NR	NR	NR
13.6 - 28	(12 - 28)	13.6	51.5	NR (39)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
14.9 - 28	(13 - 28)	14.9	54.0	WNF	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
16.9 - 28	(14 - 28)	16.9	56.0	WNF	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
18.4 - 28	(15 - 28)	18.4	59.4	WNF	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
14.9 - 30	(13 - 30)	14.4	56.0	NR (36)	36 (+)	NR (39)	NR	NR	NR	NR	NR	NR	NR	NR
16.9 - 30	(14 - 30)	16.9	58.0	WNF	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
18.4 - 30	(15 - 30)	18.4	61.4	WNF	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
23.1 - 30	(18 - 30)	23.1	67.4	WNF	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
24.5 - 32		24.5	71.0	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
11.2 - 34	(10 - 34)	11.2	53.3	NR (40)	37 (+)	NR (41)	NR	NR	NR	NR	NR	NR	NR	NR
16.9 - 34	(14 - 34)	16.9	62.0	WNF	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
18.4 - 34	(15 - 34)	18.4	65.4	WNF	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
23.1 - 34		23.1	71.4	WNF	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
9.5 - 36	(9 - 36)	9.5	53.0	40 (+ or -)	37 (+)	NR (41)	NR	NR	NR	NR	NR	NR	NR	NR
11.2 - 36	(10 - 36)	11.2	55.2	NR (40)	38 (+ or -)	NR	NR	NR	NR	NR	NR	NR	NR	NR
12.4 - 36	(11 - 36)	12.4	57.7	WNF	38 (+ or -)	NR	NR	NR	NR	NR	NR	NR	NR	NR
13.6 - 36	(12 - 36)	13.6	59.5	NR (43)	39 (+ or -)	NR	NR	NR	NR	NR	NR	NR	NR	NR
14.9 - 36		14.9	58.4	WNF	39 (+ or -)	NR	NR	NR	NR	NR	NR	NR	NR	NR
16.9 - 36		16.9	62.0	NR (41)	40 (+ or -)	NR	NR	NR	NR	NR	NR	NR	NR	NR
18.4 - 36		18.4	66.0	WNF	41 (-)	NR (44)	NR	NR	NR	NR	NR	NR	NR	NR
20.8 - 38		20.8	73.0	WNF	43 (+)	NR (41)	NR	NR	NR	NR	NR	NR	NR	NR
12.4 - 42	(11-42)	12.4	63.8	WNF	45 (-)	NR	NR	NR	NR	NR	NR	NR	NR	NR

CODE: NR - Not Recommended
 WNF - Will Not Fit
 (+) - Must add extra shoes to Standard Track Roll
 (-) - Must remove some shoes from Standard Track Roll
 (+ or -) - Either add shoes to short Standard Track Roll or remove shoes from long Standard Track Roll

TRACK HOOK-UP



TRACK LINKAGE AND TIRE SIDE WALL SHOULD ALWAYS HAVE SOME RUNNING CLEARANCE "X" FOR BEST OPERATION. THE CLOSER THE FIT, THE GREATER WILL BE THE DAMAGE TO ENDS OF THE TIRE LUGS, OTHER THAN APPEARANCE, THERE IS NO PROBLEM THAT RESULTS FROM THIS. SEE CHART.



RIGHT

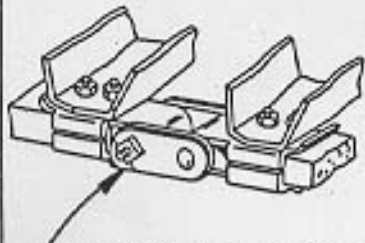
PRESSED LUGS IN BELT SHOES MUST BE APPROXIMATELY PARALLEL TO THE TIRE LUG.

PUTTING THE TRACK ON THE TIRES SO THAT IT RUNS IN THE PROPER DIRECTION (ALL TRACK TYPES).



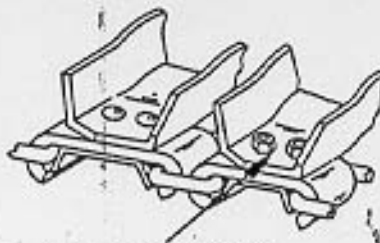
WRONG

TIRE WILL NOT GRIP LUGS IN TRACK SHOES - SLIPPAGE RESULTS.



BEND UP LOCKING TAB CORNER TO LOCK NUTS (THIN PLATE).

TRACK WITH RUBBER BELTED TYPE LINKAGE.



BOLTED MASTER SHOE(S) IN TRACK.

TRACK WITH ALL STEEL, OPEN HOOK TYPE LINKAGE.



BOLTED MASTER LINK IN TRACK. USED ALSO TO REPLACE ANY BROKEN SQUARE LINKS IN TRACK.

TRACK WITH ALL STEEL, CLOSED LOOP TYPE LINKAGE.

CONNECTING THE TRACK ENDS

TRACTOR TIRE - TRACK FIT LIMITS, BASED UPON THE R-1 TREAD DESIGN

NORMAL MAXIMUM AND EXTREME MAXIMUM TIRE SIZE THAT TRACK WILL FIT

STEEL TRACK	CLEARANCE OF TRACK (See Dimension "E", Page 3)	TIRE SECTION SIZE LIMIT (See Tire Section Column, Page 4)
13" RD Track	10-1/2" Between Links	9.5 (11.5 Max*)
17" RD Track	13-1/4" Between Links	12.4 (13.6 Max*)
17" HD Track	12-3/4" Between Links	12.4 (13.6 Max*)
20" HD Track	16-1/4" Between Links	15.5 (16.9 Max*)
20" XHD Track	16" Between Links	15.5 (16.9 Max*)
24" XHD Track	19" Between Links	18.4

RUBBER BELTED TRACK

17" Track	11-7/8" Between Connectors	11.2 (12.4 Max*)
20" Track	13-7/8" Between Connectors	13.6 (13.9 Max*)

(*) Will fit some tires - others may have up to 1/4" or slightly more interference. Positive damage will occur at the ends of the tire tread bars. Other than appearance, this damage does not materially affect the tire.

TIRE TREAD DIMENSIONS
(That Fit Within The Clearance Of The Track)

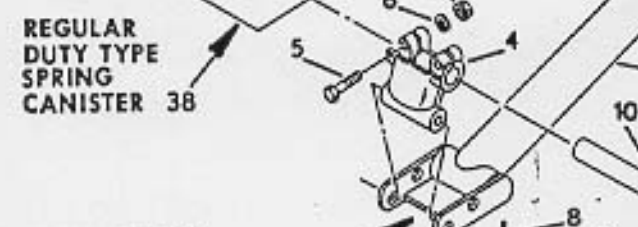
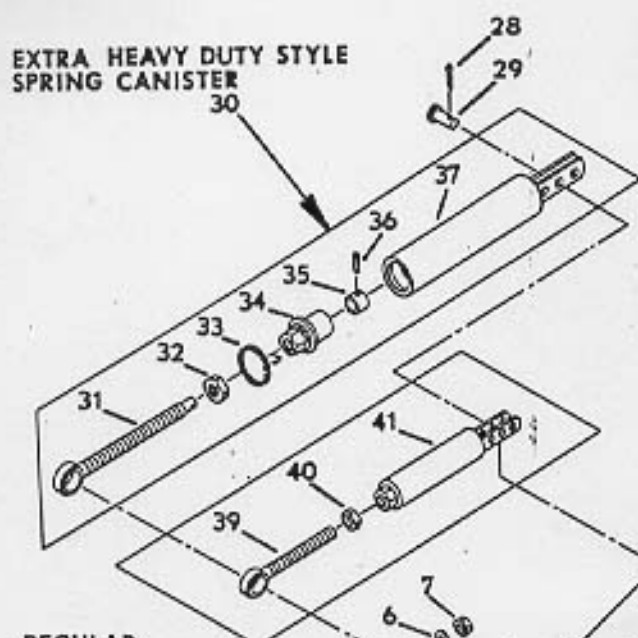
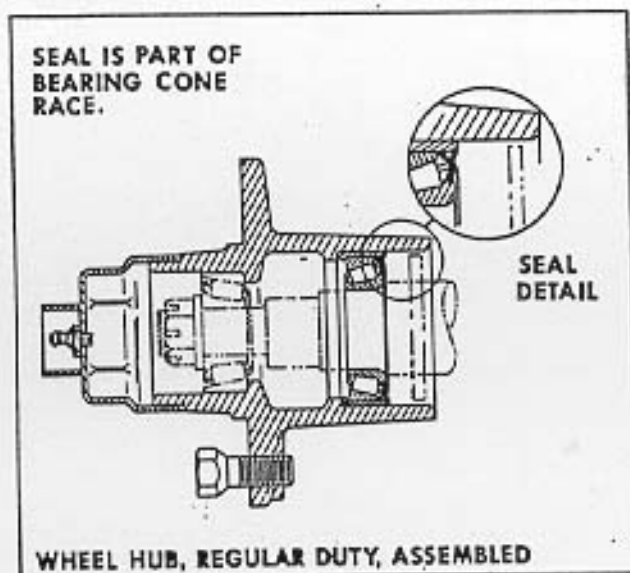
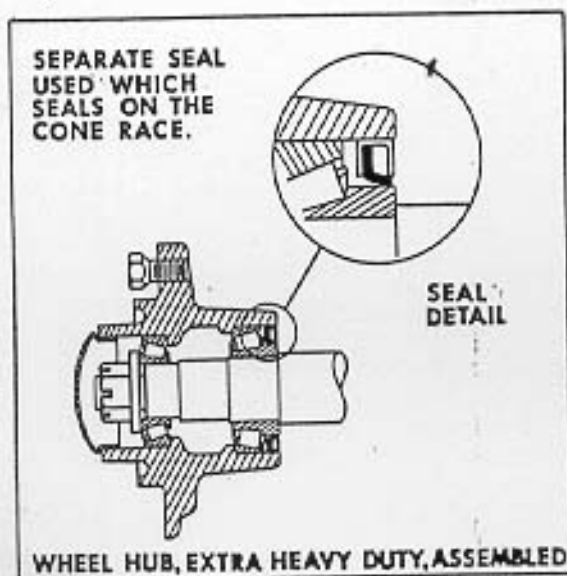
TIRE SECTION SIZE (See Dimension "A" Above & Tire Section Column, Page 4)	TREAD WIDTH (See Dimension "B" Above)
11.2	10-3/4" + or -
12.4	11-1/2" + or -
13.6	12-3/4" + or -
13.9	13-1/2" + or -
14.9	14" + or -
15.5	14-3/4" + or -
16.9	15-1/4" + or -
18.4	17" + or -

TIRES OTHER THAN R-1 TREAD

- The tracks were designed to work best on the R-1 open center bar tread tires. All information in this booklet is based on the regular R-1 agricultural type tire. The tracks will work about equally well whether the tire has the 23° or the older 45° bar tread.
- The tracks will work quite well with most closed center R-1 bar tread tires. To be certain, try some track shoes on the tire to note how well the traction buttons (lugs) in the track shoes engage the tire tread bars.
- The tracks may not work well with the R-2 cane and rice type tire due to the great depth of the tread bars. Poorer track-tire traction is expected as well as reduced tracking ability and track life.
- The tracks will not work on any R-3 (turf type) lug tires because of lack of track-tire traction.
- Tracks may or may not work well on the R-4 (industrial) all traction or utility bar tread tires; depending upon the track-tire engagement. This must be determined by trying some track shoes on the tire to note whether the traction buttons (lugs) in the track can engage the tire tread bars to their full depth.

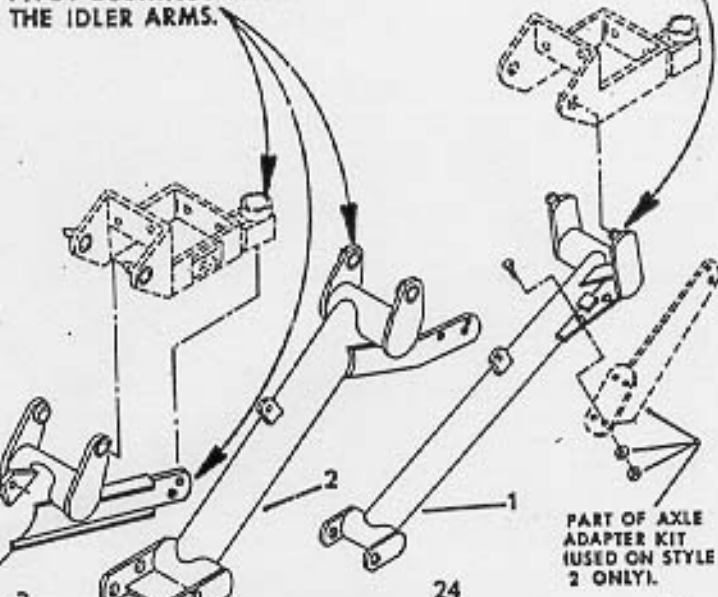
HALF TRACK IDLER PARTS

FOR PARTS LIST - SEE PAGE 7



STYLE 1 TYPE IDLER - PIVOT PINS ARE IN THE AXLE BRACKET AND THE PIVOT BUSHINGS ARE IN THE IDLER ARMS.

STYLE 2 TYPE IDLERS - PIVOT PINS ARE IN THE IDLER ARMS.



THIS PART IS REGULAR DUTY ONLY

(HEAVY DUTY)

IMPORTANT: REGULAR DUTY IDLER PARTS AND EXTRA HEAVY DUTY IDLER PARTS ARE NOT INTERCHANGEABLE.

DISC ON REGULAR DUTY SPINDLES ONLY.

HALF TRACK PARIS LIST

TRACK - FROM PAGE 3

PART NO.

Index No.	Description	STEEL LINKAGE CONNECTED						RUBBER BELTING CONNECTED	
		13" RD	17" RD	17" HD	20" HD	20" XHD	24" XHD	17"	20"
1	Track Shoe, Plain.....	ARP-600066	ARP-600166	ARP-600552	ARP-600386	ARP-600601	ARP-600651	ARP-600166	ARP-600386
2	Track Shoe, Cleated.....	ARP-600063	ARP-600161	ARP-600551	ARP-600383	ARP-600602	ARP-600652	ARP-600161	ARP-600383
3	Belt Extension Clip.....	--	--	--	--	--	--	ARP-600206	ARP-600431
4	Spacer Block.....	--	--	--	--	--	--	ARP-600207	ARP-600432
5	Belting, Two Shoe, Complete.....	--	--	--	--	--	--	ARP-392365	ARP-392395
6	Belting, Three Shoe, Complete.....	--	--	--	--	--	--	ARP-392330	--
7	Belting, 35 Shoe, Complete.....	--	--	--	--	--	--	ARP-392340	ARP-392385
7	Belting, 40 Shoe, Complete.....	--	--	--	--	--	--	ARP-392370	--
7	Belting, 39 Shoe, Complete.....	--	--	--	--	--	--	--	ARP-392390
8	Nut, 3/8-16 Square.....	--	--	--	--	--	--	34097-S36	34097-S36
9	Locking Clip.....	--	--	--	--	--	--	ARP-600211	ARP-600211
10	Connector Link Side.....	--	--	--	--	--	--	ARP-600209	ARP-600209
11	Connector Bolt, Hardened.....	--	--	--	--	--	--	ARP-600212	ARP-600212
12	Nut, 5/16-18.....	--	--	--	--	--	--	33797-S8	--
12	Nut, 3/8-16, Self-Locking.....	--	--	--	--	--	--	--	55748-S8
13	Lockwasher.....	--	--	--	--	--	--	34806-S7	34807-S36
14	Carriage Bolt, 5/16-18 x 1-1/2....	--	--	--	--	--	--	23423-S8	--
14	Carriage Bolt, 3/8-16 x 1-1/2....	--	--	--	--	--	--	--	23407-S8
15	Rivet, 3/16 x 1, Countersunk Head.	--	--	--	--	--	--	ARP-8426	ARP-8426
16	Rivet, 1/4 x 1-1/8 Round Head.....	--	--	--	--	--	--	ARP-8447	ARP-8447
17	Connector Cap Bearing.....	--	--	--	--	--	--	ARP-600208	ARP-600208
18	Carriage Bolt, 5/16-18 x 1-1/4....	--	--	--	--	--	--	302357-S36	--
18	Carriage Bolt, 3/8-16 x 1-1/4....	--	--	--	--	--	--	--	302321-S8
19	Retainer Plate.....	--	--	--	--	--	--	ARP-600204	ARP-600482
21	Rivet, 5/16 x 1-1/4, Round Head....	ARP-8458	ARP-8458	--	--	--	--	--	--
21	Rivet, 3/8 x 1-1/4, Round Head....	--	--	ARP-8467	ARP-8467	--	--	--	--
22	Nut, 5/16-24.....	33798-S8	33798-S8	--	--	--	--	--	--
22	Nut, 3/8-24.....	--	--	33800-S36	33800-S36	--	--	--	--
23	Lockwasher.....	34860-S7	34806-S7	34807-S36	34807-S36	--	--	--	--
24	Link Retainer.....	ARP-600006	ARP-600005	ARP-600384	ARP-600384	--	--	--	--
25	Link Strap.....	ARP-600061	ARP-600061	ARP-600382	ARP-600382	--	--	--	--
26	Bolt, 5/16-24 x 1.....	304683-S36	304683-S36	--	--	--	--	--	--
26	Bolt, 3/8-24 x 1-1/4.....	--	--	304723-S36	304723-S36	--	--	--	--
27	Square Link.....	ARP-600001	ARP-600001	ARP-600381	ARP-600381	--	--	--	--
28	Rivet, 7/16 x 2-1/4 Round Head....	--	--	--	--	ARP-8477	ARP-8477	--	--
29	Link Strap.....	--	--	--	--	ARP-600603	ARP-600603	--	--
30	Link Spacer.....	--	--	--	--	ARP-600604	ARP-600604	--	--
31	Connector Bolt, Hardened.....	--	--	--	--	ARP-600613	ARP-600613	--	--
32	Inner Link Side Plate.....	--	--	--	--	ARP-600612	ARP-600612	--	--
33	Outer Link Side Plate.....	--	--	--	--	ARP-600611	ARP-600611	--	--
34	Cotter Pin, 1/8 x 7/8 Alloy.....	--	--	--	--	ARP-11503	ARP-11503	--	--
35	Nut, 1/2-13, Slotted.....	--	--	--	--	33982-S8	33982-S8	--	--
36	Square Link.....	--	--	--	--	ARP-600606	ARP-600606	--	--

IDLER PARTS - FROM PAGE 6

Index No.	Description	Extra		Index No.	Description	Extra	
		Regular Duty Part No.	Heavy Duty Part No.			Regular Duty Part No.	Heavy Duty Part No.
1	Idler Arm, Long, RH.....	ARP-601570	--	18	Bearing Cone, Timken 09057....	8A-1216A	--
1	Idler Arm, Long, LH.....	ARP-601555	--	18	Bearing Cone, Timken 14137A...	--	ARP-12203
2	Idler Arm, Standard, RH.....	ARP-601505	--	19	Washer.....	44746-S8	ARP-8197
2	Idler Arm, Standard, LH.....	ARP-601510	--	20	Grease Fitting, 1/4 SAE.....	87907-S8	--
2	Idler Arm, Wide Gauge, RH.....	ARP-601705	--	21	Hub Cap.....	--	ARP-13160
2	Idler Arm, Wide Gauge, LH.....	ARP-601710	--	22	Nut, Castle, 3/4-16.....	45302-S8	--
3	Idler Arm, Heavy Duty, RH.....	--	ARP-601730	22	Nut, Slotted, 7/8-14.....	--	45304-S8
3	Idler Arm, Heavy Duty, LH.....	--	ARP-601745	23	Hub Cap.....	ARP-601120	--
4	Spindle Rocker Casting.....	ARP-601551	ARP-601726	24	Wheel, 15 x 5.00.....	ARP-12945	--
5	Bolt (RD 5/8-11 x 2-3/4).....	304909-S8	--	24	Wheel, 15 x 6.00.....	--	ARP-13104
	(HD 3/4-10 x 3-1/2).....	--	304946-S8	25	Wheel Bolt.....	ARP-13209	ARP-13196
6	Lockwasher (RD 5/8) (HD 3/4)...	34811-S36	34813-S8	26	Tire, 5:00 x 15, 4 Ply,	--	--
7	Nut (RD 5/8-11) (HD 3/4-10)...	33849-S36	34674-S8		Imp. Rib.....	ARP-12313	--
8	Cotter Pin (RD 1/4 x 1-1/2)...	72075-S8	--	26	Tire, 7:60 x 15, 4 Ply,	--	--
	(HD 1/4 x 2).....	--	72111-S8		Imp. Rib.....	--	ARP-12937
9	Rocker Pivot Shaft.....	ARP-601552	ARP-601727	27	Tube.....	ARP-12947	ARP-12938
10	Spindle, Regular Length.....	ARP-601125	ARP-601156	28	Cotter Pin (RD 3/16 x 1-1/4)...	72055-S8	--
10	Spindle, Long.....	ARP-601115	--		(HD 3/16 x 1-1/2)...	--	72073-S8
11	Cotter Pin (RD 5/32 x 1-1/4)...	72054-S	--	29	Pin.....	ARP-601553	ARP-601728
	(HD 3/16 x 1-1/2)...	--	72073-S8	30	Spring Tensioner Assembly.....	--	ARP-601750
12	Seal, National 204035X.....	--	ARP-11632	31	Tension Stud.....	--	ARP-601770
13	Bearing Cone, Timken LM67048L.	141898	--	32	Jam Nut, 1/4-7.....	--	ARP-7714
13	Bearing Cone, Timken 342A.....	--	ARP-12043	33	Retaining Ring.....	--	ARP-13414
14	Bearing Cup, Timken LM67010....	8A-1202-B	--	34	Tension Nut.....	--	ARP-601766
14	Bearing Cup, Timken 332.....	--	ARP-12041	35	Stud Guide.....	--	ARP-601767
15	Bearing Adapter.....	ARP-601132	--	36	Roll Pin, 5/16 x 1-3/4.....	--	305125-S
16	Wheel Hub, w/Bearing Cups.....	ARP-392470	--	37	Spring Housing.....	--	ARP-601755
16	Wheel Hub, w/Bearing Cups,	--	--	38	Spring Tensioner Assembly.....	ARP-392490	--
	Seal and Inside Cone.....	--	ARP-601170	39	Adjusting Stud.....	ARP-601535	--
17	Bearing Cup, Timken 09196.....	B-1217	--	40	Jam Nut, 1"-8.....	34695-S8	--
17	Bearing Cup, Timken 14276.....	--	9N-744	41	Spring Tensioner.....	ARP-601520	--