

AAR Approved Draft Gear and Followers

Group A – M-901, Standard Pocket

Removed	What Can Be Applied	Remarks		
Group A	Group J Group K Group M Group N Group P Group Q Group R	Substitution of Groups J, K, P, Q, and R for Group A can be done only with car owner's permission, except when car was built after January 1, 1965 or is equipped with a Type F coupler.		
Qualifier	Group A Name and Type	AAR Spec.	Gear Length (inches)	Pocket Length (inches)
*01	Miner-A-22-XB, Cylinder D-7935.....	M-901	22 3/8	24 5/8
*02	Miner-A-22-XL.....	M-901	22 3/8	24 5/8
*03	National M-17-A.....	M-901	22 3/8	24 5/8
*04	National M-17-A (Revision No. 1).....	M-901	22 3/8	24 5/8
*05	Peerless T-1.....	M-901	22 3/8	24 5/8
*06	Waugh Gould 403.....	M-901	22 3/8	24 5/8
*07	Waugh Gould 403A.....	M-901	22 3/8	24 5/8
*08	Waugh Gould 420.....	M-901	22 3/8	24 5/8
*09	Waugh Gould 420A.....	M-901	22 3/8	24 5/8
*10	Westinghouse NY-11-E.....	M-901	22 3/8	24 5/8
*11	Westinghouse NY-11-F.....	M-901	22 3/8	24 5/8
*12	Cardwell Westinghouse Mark 40.....	M-901	22 3/8	24 5/8
*13	Cardwell Westinghouse Mark 40-A.....	M-901	22 3/8	24 5/8

*No longer in production.

Group B – M-901, Standard Pocket, Requires Two Followers

Removed	What Can Be Applied	Remarks		
Group B	Group J Group K Group M Group N Group P Group Q Group R	Substitution of Groups J, K, P, Q, and R for Group B can be done only with car owner's permission, except when car was built after January 1, 1965 or is equipped with a Type F coupler.		
Qualifier	Group B Name and Type	AAR Spec.	Gear Length (inches)	Pocket Length (inches)
*01	Miner A 2XB, Cylinder D-7940.....	M-901	20 1/8	24 5/8
*02	Westinghouse NZ-11-E.....	M-901	20 1/8	24 5/8
*03	Westinghouse NZ-11-F.....	M-901	20 1/8	24 5/8

*No longer in production.

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Group C – Standard Pocket, Rubber and/or Rubber Friction

Removed	What Can Be Applied	Remarks		
Group C	Group J Group K Group M Group N Group P Group Q Group R	Substitution of Groups J, K, P, Q, and R for Group C can be done only with car owner's permission, except when car was built after January 1, 1965 or is equipped with a Type F coupler.		
Qualifier	Group C Name and Type	AAR Spec.	Gear Length (inches)	Pocket Length (inches)
*01	Cardwell Westinghouse Type R-20.....	M-901A	20 1/8	24 5/8
*02	National FR-20-18.....	M-901A	20 1/8	24 5/8
*03	Miner FR-24-58.....	M-901A	24 5/8	24 5/8
*04	National Rubber Cushion MF-260.....	M-901A	24 5/8	24 5/8
*05	National Rubber Cushion MF-260-1.....	M-901A	24 5/8	24 5/8
*06	National Rubber Cushion MF-275.....	M-901A	24 5/8	24 5/8
*07	National Rubber Cushion MF-275-1.....	M-901A	24 5/8	24 5/8
*08	National Rubber Cushion MF-400.....	M-901A	24 5/8	24 5/8
*09	National Rubber Cushion MF-400-1.....	M-901A	24 5/8	24 5/8
*10	Waughmat Twin Cushion W M-4-6.....	M-901A	24 5/8	24 5/8
*11	Waughmat Twin Cushion W M-4-6F.....	M-901A	24 5/8	24 5/8
*12	Waughmat Twin Cushion W M-4-6R.....	M-901A	24 5/8	24 5/8
*13	Waugh-Gould 700.....	M-901	22 3/8	24 5/8
*14	Miner RF-333.....	M-901	22 3/8	24 5/8
*15	Cardwell Westinghouse Mark R-310.....	M-901D	22 3/8	24 5/8
*16	National Rubber Cushion MF400-A.....	M-901D	24 5/8	24 5/8
*17	National Rubber Cushion MF400-A1.....	M-901D	24 5/8	24 5/8
18	National Rubber Cushion MF491-A.....	M-901D	24 5/8	24 5/8
19	National Rubber Cushion MF491-A1.....	M-901D	24 5/8	24 5/8

*No longer in production.

Group D – M-901, Short Pocket

Removed	What Can Be Applied	Remarks		
Group D	Group D Group E	Bill per Rule 72. Substitution of Group E for Group D can be done only with car owner's permission.		
	Group D Name and Type	AAR Spec.	Gear Length (inches)	Pocket Length (inches)
	*Cardwell V-18.....	M-901	16 5/8	18 1/2
	Miner A-69XB.....	M-901	16 5/8	18 1/2
	*Waugh-Gould 451.....	M-901	16 1/4	18 1/2
	*Miner-A100-D.....	M-901	15 5/8	17 1/2

*No longer in production.

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Group E – Short Pocket, Rubber and/or Rubber Friction

Removed	What Can Be Applied	Remarks		
Group E	Group E Group D	Bill per Rule 72.		
Qualifier	Group E Name and Type	AAR Spec.	Gear Length (inches)	Pocket Length (inches)
*01	Miner-FR-100-S.....	M-901A	18-1/2	18-1/2
*02	Miner-FR-100.....	M-901A	17 1/2	17 1/2
*03	Miner-FR-100-1.....	M-901A	17 1/2	17 1/2
*04	National Type-MF-290.....	M-901A	17 1/2	17 1/2
*05	National Type-MF-290A.....	M-901A	17 1/2	17 1/2
*06	National Type-MF-294.....	M-901A	18 1/2	18 1/2
*07	National Type-MF-294-A.....	M-901A	18 1/2	18 1/2
*08	Cardwell Westinghouse R-18.....	M-901A	16 5/8	18 1/2
*09	Cardwell Westinghouse R-17.....	M-901A	17 1/2	17 1/2
*10	Cardwell Westinghouse R-175.....	M-901A	17 1/2	17 1/2
*11	Cardwell Westinghouse R-185.....	M-901A	18 1/2	18 1/2
*12	Miner Type FR-69.....	M-901A	16 5/8	18 1/2
13	National MF 491B.....	M-901D	18 1/2	18 1/2
14	National MF 491-B3.....	M-901D	18 1/2	18 1/2
15	National MF 491-D.....	M-901D	17 1/2	17 1/2
16	National MF 491-D-3.....	M-901D	17 1/2	17 1/2

*No longer in production.

Group F (Vacant)

Group G (Vacant)

Group H – M-901C, 4¾ Inch Travel, 36 Inch Pocket, Friction

Removed	What Can Be Applied	Remarks		
Group H		Contact car owner for instructions.		
Qualifier	Group H Name and Type	AAR Spec.	Gear Length (inches)	Pocket Length (inches)
*01	Cardwell Westinghouse Type Mark 80.....	M-901C	33 3/4	36
*02	Miner RF-75.....	M-901C	33 3/4	36

*No longer in production.

Group I (Vacant)

Group J – M-901E, 3¼ Inches Travel, Standard Pocket

Removed	What Can Be Applied	Remarks		
Group J	Group J Group K Group M Group N Group P Group Q Group R	Substitution of Groups K, P, Q, and R for Group J can be done only with car owner's permission.		

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Qualifier	Group J Name and Type	AAR Spec.	Gear Length (inches)	Pocket Length (inches)
01	Cardwell Westinghouse Mark R500.....	M-901E	22 3/8	24 5/8
03	Miner RF 444.....	M-901E	22 3/8	24 5/8
*04	National NC-440.....	M-901E	24 5/8	24 5/8
*05	Dresser Inds., Waugh Type 650.....	M-901E	24 5/8	24 5/8
*06	Dresser Inds., Waugh Type 650-1.....	M-901E	24 5/8	24 5/8
*08	National NC-660.....	M-901E	22 3/8	24 5/8
*09	Dresser Inds., Waugh Type 735.....	M-901E	22 3/8	24 5/8
10	Cardwell Westinghouse Type Mark 50.....	M-901E	22 3/8	24 5/8
*11	National NC-550.....	M-901E	22 3/8	24 5/8
*12	National NC-440-1.....	M-901E	24 5/8	24 5/8
13	Miner SL-76.....	M-901E	22 3/8	24 5/8
14	Miner TF-880.....	M-901E	22 3/8	24 5/8
*15	Miner SF-79.....	M-901E	22 3/8	24 5/8
*16	Miner SF-81.....	M-901E	22 3/8	24 5/8
*17	National NC-660A.....	M-901E	22 3/8	24 5/8
18	Miner Crown SE.....	M-901E	22 3/8	24 5/8
19	Cardwell Westinghouse Mark 325.....	M-901E	22 3/8	24 5/8
*20	Keystone XK-25.....	M-901E	22 3/8	24 5/8
21	Stucki PowRGuard XE.....	M-901E	22 3/8	24 5/8

*No longer in production.

Group K – M-901G, 3¼ inch Travel, Standard Pocket

Removed	What Can Be Applied	Remarks		
Group K	Group J Group K Group Q Group R	Substitution of Groups J, Q, and R for Group K can be done only with car owner's permission. When substituting Group J for Group K, verify compliance with car weight limitations of Section 3 of Rule 88 of AAR Office Manual.		
Qualifier	Group K Name and Type	AAR Spec.	Gear Length (inches)	Pocket Length (inches)
*01	Miner SR-24.....	M-901G	24 5/8	24 5/8
02	Cardwell Westinghouse Mark H-60.....	M-901G	22 3/8	24 5/8
*03	Miner SR-24F.....	M-901G	24 5/8	24 5/8
04	Miner Crown TG.....	M-901G	22 3/8	24 5/8
05	Miner Crown SG.....	M-901G	22 3/8	24 5/8
*06	Keystone K-2500.....	M-901G	22 3/8	24 5/8
07	Cardwell Westinghouse Mark 558.....	M-901G	22 3/8	24 5/8
08	Stucki PowRGuard GX.....	M-901G	22 3/8	24 5/8
09	Cardwell Westinghouse Mark 75G.....	M-901G	22 3/8	24 5/8

*No longer in production.

Group L – M-901H, 4¾ Inch Travel, 36 Inch Pocket

Removed	What Can Be Applied	Remarks		
Group L		Contact car owner for instructions.		
Qualifier	Group L Name and Type	AAR Spec.	Gear Length (inches)	Pocket Length (inches)
*01	Miner SR-36.....	M-901H	36	36
*02	Miner SR-36F.....	M-901H	36	36

*No longer in production.

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Group M – M-901E, 2¾ Inch Travel, Standard Pocket, Friction

Removed	What Can Be Applied	Remarks		
Group M	Group J Group K Group M Group N Group P Group Q Group R	Substitution of Groups J, K, N, P, Q, and R for Group M can be done only with car owner's permission, except when car was built after January 1, 1965 or is equipped with a Type F coupler.		
Qualifier	Group M Name and Type	AAR Spec.	Gear Length (inches)	Pocket Length (inches)
*01	Dresser Inds., Waugh Type 730E.....	M-901E	22 3/8	24 5/8
*02	Miner RF-361.....	M-901E	22 3/8	24 5/8
*03	Miner CF-7-24.....	M-901E	22 3/8	24 5/8
*04	Cardwell Westinghouse Mark M.....	M-901E	22 3/8	24 5/8
05	Cardwell Westinghouse Mark L.....	M-901E	22 3/8	24 5/8
06	Cardwell Westinghouse Mark L-R.....	M-901E	22 3/8	24 5/8
07	Vacant.....			

*No longer in production.

Group N – M-901E, 2¾ Inch Travel, Standard Pocket, Hydraulic Friction

Removed	What Can Be Applied	Remarks		
Group N	Group J Group K Group M Group N Group P Group Q Group R	Substitution of Groups J, K, M, P, Q, and R for Group N can be done only with car owner's permission, except when car was built after January 1, 1965 or is equipped with a Type F coupler. Bill per Rule 72.		
	Group N Name and Type	AAR Spec.	Gear Length (inches)	Pocket Length (inches)
	*Cardwell Westinghouse Mark L-H.....	M-901E	22 3/8	24 5/8

*No longer in production.

Group P – M-901K, 3¼ Inch Travel, Standard Pocket, Hydraulic

Removed	What Can Be Applied	Remarks		
Group P	Group K Group P Group Q Group R	Substitution of Group K, Q, and R for Group P can be done only with car owner's permission. Bill per Rule 72.		
	Group P Name and Type	AAR Spec.	Gear Length (inches)	Pocket Length (inches)
	Oleo Pneumatics Ltd. Hycon.....	M-901K	22 3/8	24 5/8

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Group Q – M-901G, 4¼ Inch Travel, Standard Pocket, All-rubber, Non-friction, Integral Yoke and Follower

Removed	What Can Be Applied	Remarks		
Group Q	Group Q Group R Group K Group J	Substitution of Group R, Group K, or Group J for Group Q can be done only with car owner's permission. When substituting Group J for Group Q, verify compliance with car weight limitations of Section 3 of Rule 88 of AAR Office Manual. Bill per Rule 72.		
Qualifier	Group Q Name and Type	AAR Spec.	Gear Length (inches)	Pocket Length (inches)
*01	ASF-Keystone E-425G Twin-Pack Draft System..	M-901G	24 5/8	24 5/8
02	ASF-Keystone F-425G Twin-Pack Draft System..	M-901G	24 5/8	24 5/8
03	ASF-Keystone R-425G Twin-Pack Draft System..	M-901G	24 5/8	24 5/8

*E-425G requires a special carrier plate. Contact car owner for instructions.

Group R – M-901G, 3¼ Inch Travel, Standard Pocket, All-rubber, Non-friction, Integral Yoke and Follower

Removed	What Can Be Applied	Remarks		
Group R	Group R Group Q Group K Group J	Substitution of Group Q, Group K, or Group J for Group R can be done only with car owner's permission. When substituting Group J for Group R, verify compliance with car weight limitations of Section 3 of Rule 88 of AAR Office Manual. Bill per Rule 72.		
Qualifier	Group R Name and Type	AAR Spec.	Gear Length (inches)	Pocket Length (inches)
*01	ASF-Keystone E-325G Twin-Pack Draft System..	M-901G	24 5/8	24 5/8
02	ASF-Keystone F-325G Twin-Pack Draft System..	M-901G	24 5/8	24 5/8
03	ASF-Keystone R-325G Twin-Pack Draft System.	M-901G	24 5/8	24 5/8

*E-325G requires a special carrier plate. Contact car owner for instructions.

Group Z – Obsolete or Unidentifiable

Removed	What Can Be Applied	Remarks		
Group Z	Contact car owner for what can be applied.	Bill per Rule 72.		
Qualifier	Group Z Name and Type	AAR Spec.	Gear Length (inches)	Pocket Length (inches)
01	Obsolete (any name or type).....	Any	All	All