

TRINA NRE TRANSPORTATION LIMITED

S.No.	OEM	Bull Gear	Gear Part Nos.	S.No.	Pinion	Pinion Part Nos.
** EMD Traction Gears & Pinions						
1	EMD	Gear - 65 Tooth	40049663	1	Pinion - 12 Tooth	8168516
2	EMD	Gear - 65 Tooth	8178812	2	Pinion - 14 Tooth	8402409
3	EMD	Gear - 64 Tooth	40051134	3	Pinion - 15 Tooth	40006705
4	EMD	Gear - 63 Tooth	40049662	4	Pinion - 15 Tooth	8112029
5	EMD	Gear - 63 Tooth	40051136	5	Pinion - 16 Tooth	9556208
6	EMD	Gear - 63 Tooth	40089009	6	Pinion - 16 Tooth	8452313
7	EMD	Gear - 63 Tooth	40051133	7	Pinion - 17 Tooth	9556209
8	EMD	Gear - 63 Tooth	8402408	8	Pinion - 18 Tooth	9556210
9	EMD	Gear - 62 Tooth	40049185	9	Pinion - 19 Tooth	9326333
10	EMD	Gear - 62 Tooth	8109579	10	Pinion - 25 Tooth	9326337
11	EMD	Gear - 62 Tooth	40402268	11	Pinion - 13 Tooth	8428702
12	EMD	Gear - 62 Tooth	8417930	12	Pinion - 14 Tooth	8179135
13	EMD	Gear - 62 Tooth	40049653	13	Pinion - 15 Tooth	8459295
14	EMD	Gear - 62 Tooth	9577195	14	Pinion - 17 Tooth	8206504
15	EMD	Gear - 62 Tooth	40051132	15	Pinion - 15 Tooth	8458508
16	EMD	Gear - 61 Tooth	40049661	16	Pinion - 16 Tooth	8341961
17	EMD	Gear - 61 Tooth	40114947	17	Pinion - 17 Tooth	40006706
18	EMD	Gear - 61 Tooth	8184341	18	Pinion - 18 Tooth	9332201
19	EMD	Gear - 61 Tooth	8306164	19	Pinion - 19 Tooth	9332202
20	EMD	Gear - 60 Tooth	40049660	20	Pinion - 20 Tooth	9332203
21	EMD	Gear - 60 Tooth	8206505	21	Pinion - 23 Tooth	9557234
22	EMD	Gear - 60 Tooth	8179295	22	Pinion - 18 Tooth	9557233
23	EMD	Gear - 59 Tooth	40049659	23	Pinion - 17 Tooth	9557232
24	EMD	Gear - 59 Tooth	8184333	24	Pinion - 16 Tooth	40033875
25	EMD	Gear - 58 Tooth	40049658	25	Pinion - 15 Tooth	9532006
26	EMD	Gear - 58 Tooth	8184378	26	Pinion - 20 Tooth	9563400
27	EMD	Gear - 58 Tooth	40116973	27	Pinion - 19 Tooth	9563399
28	EMD	Gear - 58 Tooth	40051126	28	Pinion - 18 Tooth	9549922

29	EMD	Gear - 57 Tooth	40049657	29	Pinion - 17 Tooth	40074147
30	EMD	Gear - 57 Tooth	40051125	30	Pinion - 17 Tooth	10662229
31	EMD	Gear - 57 Tooth	8341962	31	Pinion - 18 Tooth	40082703
32	EMD	Gear - 57 Tooth	40049652	32	Pinion - 18 Tooth	40089075
33	EMD	Gear - 57 Tooth	8184325	33	Pinion - 20 Tooth	40075696
34	EMD	Gear - 56 Tooth	40049748	34	Pinion - 16 Tooth	8210792
35	EMD	Gear - 56 Tooth	40049749	35	Pinion - 20 Tooth	9534521
36	EMD	Gear - 56 Tooth	8184396	36	Pinion - 18 Tooth	40082703
37	EMD	Gear - 70 Tooth	40012160	37	Pinion - 16 Tooth	8210792
38	EMD	Gear - 69 Tooth	40049649			
39	EMD	Gear - 67 Tooth	40049648			
40	EMD	Gear - 66 Tooth	40049647			
41	EMD	Gear - 66 Tooth	40085385			
42	EMD	Gear - 66 Tooth	40049665			
43	EMD	Gear - 71 Tooth	40049666			
44	EMD	Gear - 72 Tooth	40049667			
45	EMD	Gear - 73 Tooth	40049668			
46	EMD	Gear - 74 Tooth	40049669			
47	EMD	Gear - 81 Tooth	40049671			
48	EMD	Gear - 82 Tooth	40049672			
49	EMD	Gear - 83 Tooth	40106324			
50	EMD	Gear - 83 Tooth	40060861			
51	EMD	Gear - 83 Tooth	40049673			
52	EMD	Gear - 90 Tooth	40074148			
53	EMD	Gear - 77 Tooth	10662230			
54	EMD	Gear- 70 Tooth	40047891			

** EMD Engine & Oil Pump Gears

1	EMD	Gear Lower Idler 58 Tooth	8483944	2	Gear Upper Idler 58 Tooth	8483945
3	EMD	Gear Lower Idler 64 Tooth	9543203	4	Gear Cam Shaft 79 Tooth	8069019
5	EMD	Gear Crank Shaft 79 Tooth	8360843	6	Gear Crank Shaft 79 Tooth	8069014
7	EMD	Gear Acc.Drive 113 Tooth	8360839	8	Gear Acc.Drive 113 Tooth	8141909
9	EMD	Water Pump Gear 37 Tooth	8042976	10	Blower Drive Gear 29 Tooth	8483947
11	EMD	Blower Drive Gear 39 Tooth	8483946	12	Gov. Drive Gear 113 Tooth	8035626
13	EMD	Gov. Drive Gear 113 Tooth	8041930	14	Gear Pump Drive 80 Tooth	8035625
15	EMD	Gear Turbo Drive 81 Tooth	40001040	16	Ring Gear 265 Tooth	8416930
17	EMD	Gear Turbo Idler 69 Tooth	9528876	18	Gear Upper Idler 58 Tooth	40001037
19	EMD	Gear Driver RH	8485960	20	Gear Driver LH	40046456
21	EMD	Gear Driven RH	8360548	22	Gear ASM RH	40046459
23	EMD	Gear Driven LH	8360545	24	Gear Driver LH	8485961
25	EMD	Gear ASM LH	8360547	26	Gear ASM -RH	8360549

** GE Traction Gears & Pinions

1	GE	Gear - 90 Tooth	41C637598P1	2	Pinion 21 Tooth	41C637595P1
3	GE	Gear - 91 Tooth	8837760 / 41B530121P1	4	Pinion 20 Tooth	84C614909P1
5	GE	Gear - 92 Tooth	41C632784P2 / 8837724	6	Pinion 19 Tooth	41C632785P2
7	GE	Gear - 93 Tooth	41C636682P1/8837756P1	8	Pinion 18 Tooth	41C635677P1 / 41C637903
9	GE	Gear - 94 Tooth	41C637211P1 / 8837727P1	10	Pinion 17 Tooth	41C637180P1
11	GE	Gear - 65 Tooth	41C635820P1	12	Pinion 18 Tooth	41C635796P1
13	GE	Gear - 74 Tooth	41C632494P1	14	Pinion 18 Tooth	41C637399P1/41C632481P1
15	GE	Gear - 77 Tooth	41C632350	16	Pinion 26 Tooth	41C632349
17	GE	Gear - 83 Tooth	41C636806P1	18	Pinion 20 Tooth	41C636447P6
19	GE	Gear - 87 Tooth	41D735826P2	20	Pinion 16 Tooth	41D735825P1
21	GE	Gear - 90 Tooth	41C632381P2	22	Pinion 17 Tooth	41C632382P1
23	GE	Gear - 79 Tooth	84C618223P1	24	Pinion - 24 Tooth	84C618224P1
25	GE	Gear - 83 Tooth	41C637055P5	26	Pinion - 15 Tooth	41C633598P1
27	GE	Pinion - 20 Tooth	84C620834P2	28	Pinion - 18 Tooth	8828170

** GE Alt. Gears & Pinions

1	GE	Drive Gear 102 Tooth	41C633061P1	2	Gear 43 Tooth	41C635625P1
3	GE	Gear 43 Tooth	41C632663P1	4	Gear 43 Tooth	41C635800P1
5	GE	Gear 96 Tooth	41C630148P2	6	Gear 43 Tooth	41C635800P1

** ALCO Gears & PINIONS						
1	ALCO	GEAR 63 TEETH	10142861	2	PINION 18 TOOTH	2 DCW / SK - 773
3	ALCO	GEAR 65 TEETH	2 DCW / SK - 737	4	PINION 18 TOOTH	2 DCW / SK - 833
5	ALCO	GEAR 74 TEETH	2 DCW / SK - 834			
6	ALCO	GEAR 74 TEETH	2 DCW / SK - 412			
7	ALCO	GEAR EXTENSION SHAFT	10142850			
8	ALCO	GEAR CRANK SHAFT	2350065 / 35A71071-1			
9	ALCO	GEAR EXTENSION SHAFT	2351124 / 35B71053-1			
10	ALCO	GEAR WATER PUMP	2351152 / 35B74006-1			
11	ALCO	GEAR CAM SHAFT	2351016 / 35A71069-1			
12	ALCO	DRIVE GEAR LUBE PUMP	2351083-1 / 35B73013-1			

Indian Railway Traction Gears & Pinion Used in Electric Locomotives								
S. No.	Bull Gear	Gear Drawing No.		S. No.	Pinion	Pinion Drawing No.	Class of Locos	
1	Gear - 65 Teeth	SK DL - 4372		2	Pinion - 16 Teeth	SK DL - 4373	WCG3 & WAG7	
3	Gear - 58 Teeth	SK DL - 4355		4	Pinion - 23 Teeth	SK DL - 4356	WAP3 & WAP4	
5	Gear - 64 Teeth	SK DP - 3459		6	Pinion - 18 Teeth	SK DP - 3460	WAG5H, WAG7 & WCM6	
7	Gear - 77 Teeth	DDO - 299		8	Pinion - 17 Teeth	DDO - 300	WAG5 B	
9	Gear - 61 Teeth	DDO - 293		10	Pinion - 16 Teeth	DDO - 294	WCAM 1	
11	Gear - 62 Teeth	SK DL - 4455		12	Pinion - 15 Teeth	DDO - 296	WAM4, WAG5 & WCAM2	
13	Gear - 58 Teeth	SK DL - 4456		14	Pinion - 21 Teeth	DDO - 298	WAP1 & WAM4	
15	Gear - 58 Teeth	03/1/1/45		16	Pinion - 15 Teeth	03/1/1/46	WAP1 & WAP3	
Indian Railway Traction Gears & Pinion Used in ALCO Diesel Electric Locomotives								
S. No.	Bull Gear	Gear Drawing No.		S. No.	Pinion	Pinion Drawing No.	Class of Locos	
1	Gear - 65 Teeth	SK DP - 3623		2	Pinion - 18 Teeth	SK DP - 3624	WDP1, WDM2, WDM3A, WDM3C & WDM3D	
3	Gear - 74 Teeth	SK DP - 3546		4	Pinion - 18 Teeth	SK DL - 3443	WDG3A	
5	Gear - 65 Teeth	2 DCW/SK-737		6	Pinion - 18 Teeth	2 DCW/SK-773	TM 4907 AZ R.S.BEARING ARRGT.	
7	Gear - 74 Teeth	2 DCW/SK-834		8	Pinion - 18 Teeth	2 DCW/SK-833	TM 4907 AZ R.S.BEARING ARRGT.	
9	Gear - 92 Teeth	SK DP - 3396		10	Pinion - 19 Teeth	SK DP - 3397	YDM4	
Indian Railway Traction Gears & Pinion Used in 3 Phase Electric (ABB) Locomotives								
S. No.	Bull Gear	Gear Drawing No.		S. No.	Pinion	Pinion Drawing No.	Class of Locos	
1	Gear - 77 Teeth	SK DP - 3435		2	Shaft Pinion- 15 Teeth	SK DP - 3436	WAG9	
3	Gear - 72 Teeth	SK DP - 3474		4	Shaft Pinion- 20 Teeth	SK DP - 3473	WAP7	
5	Gear - 107 Teeth	SK DP - 3848		6	Shaft Pinion- 21 Teeth	SK DP - 3847	WAG9	
7	Gear - 67 Teeth	AEB 101007		8	Shaft Pinion- 17 Teeth	AEB 101005	WAP5	
9	Gear - 35 Teeth	AEB 101006						
H.H.P. Traction Gears & Pinion Used in Indian Railway EMD Locomotives								
S. No.	Bull Gear	Drawing No./Part No.		S. No.	Pinion	Drawing No./Part No.	Class of Locos	
1	Gear - 90 Teeth	40074148/18440022		2	Shaft Pinion- 17 Teeth	40074147/18440010	WDG4	
3	Gear - 77 Teeth	10662230/18440046		4	Shaft Pinion- 17 Teeth	10662229/18440034	WDP4	
Engine Gears Used in Indian Railway ALCO & EMD Locomotives								
S. No.	Bull Gear	Drawing No./Part No.		S. No.	Pinion	Drawing No./Part No.	Class of Locos	
1	Gear Crankshaft 79 Teeth	8069019/16140310		2	Gear Crankshaft 79 Teeth	8360843/16140266	ENGINE	
3	Gear Crankshaft 79 Teeth	8069014		4	Gear Accessory Drive	8360839/16141222		
5	Gear Accessory Drive	8141909		6	Gov. Drive Gear ASM	8041930		
7	Gov. Drive Gear	8035626/16141003		8	Gear Ring	8416930/16191900		
9	Gear Turbo Idler	9528876/16141490		10	Gear Upper Idler	40001037/16140977		
11	Gear Lower Idler	9543203/16141210		12	Water Pump Gear	8042976/16141209		
13	Gear Pump Drive	8035625		14	Camshaft Gear	83KE-1344/10142988		
15	Drive Gear	10142861		16	Drive Gear	B-74006-1/10140505		
17	ASM Impeller & Shaft Lube Oil Pump Herring Bone Type Gear	SKE-1265/10063067		18	ASM Impeller & Shaft Lube Oil Pump Herring Bone Type Gear	SKE-1266/10063079		
Aux. Generator Gears Used in Indian Railway BHEL Locomotives								
S. No.	Bull Gear	Drawing No./Part No.		S. No.	Pinion	Drawing No./Part No.		Class of Locos

1	Bull Gear 102 Teeth	2/DMWM/TG-125		2	Gear 43 Teeth	2/DMW/M/TG-126		WDM2 (DC-DC)
3	Gear 43 Teeth	24301625004 (AX)		4	Gear 43 Teeth	24301623007 (AY)		
5	Gear 43 Teeth	24301623004 (AZ)						