

CATEGORY 'R' BOOK FOR WAG-7 & WAP-4 LOCOS FOR THE YEAR 2016-2017

[T. M. SUSPENSION TUBE]

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SL NO	CATEGORY NO.	DESCRIPTION	DRAWING/SPECN.NO.	UNIT	C&D NO.	QTY./C&D	QTY./LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
1.	R/0/0001	TAPERED ROLLER BEARING ASSLY. (RWE)	10R812-077, ALT.-A	03	P 234/001 R 234/001	6 SETS. 6 SETS.	6 SETS.	6 SETS.	256054460117 P	1SET./ MOTOR 1SET./ MOTOR
2.	R/0/0002	TAPERED ROLLER BEARING ASSLY. (GWE)	10R812-078, ALT.-A	03	P 234/002 R 234/002	6 SETS. 6 SETS.	6 SETS.	6 SETS.	256064580117 P	1SET./ MOTOR 1SET./ MOTOR
3.	R/0/0003	TUBE (SUSPENSION)	10P701-898, ALT.-16.	01	P 234/003 R 234/003	6 6	6	6	256064750117 P	1 / MOTOR 1 / MOTOR
4.	R/O/S/0220	SET OF MAJOR COMPONENTS OF MOTOR SUSPENSION UNIT (MSU)	-----	03	----	----	6 SETS.	6 SETS.		1SET./ MOTOR 1SET./ MOTOR
4.1	R/0/0004	BEARING HOUSING.	10Q745-381, ALT.-C.	01	P 234/004 R 234/004	6 6			256064870117 P	1 / MOTOR 1 / MOTOR
4.2	R/0/0005	ADJUSTMENT WASHER	10Q745-382, ALT.-D.	01	P 234/005 R 234/005	6 6			256064990117 P	1 / MOTOR 1 / MOTOR
4.3	R/0/0006	END COVER (RWE)	10Q745-383, ALT.-B.	01	P 234/006 R 234/006	6 6			256065050117 P	1 / MOTOR 1 / MOTOR
4.4	R/0/0007	ABUTMENT PIECE	10Q745-384, ALT.-B.	01	P 234/007 R 234/007	6 6			256065290117 P	1 / MOTOR 1 / MOTOR
4.5	R/0/0008	END COVER (GWE)	10Q745-385, ALT.-C.	01	P 234/008 R 234/008	6 6			256065300117 P	1 / MOTOR 1 / MOTOR
4.6	R/0/0009	ENCLOSER	10Q745-386, ALT.-B.	01	P 234/009 R 234/009	6 6			256065420117 P	1 / MOTOR 1 / MOTOR

CATEGORY 'L' BOOK FOR WAG-7 & WAP-4 LOCOS FOR THE YEAR 2016-2016

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							WAG-7	WAP-4		
1.	L/0/0001	SOCKET HEAD CAP SCREW (Raw material as per Drg. No. 10T827-633 Alt.B)	10T827-633, ALT.-B.	01	P 234/010 R 234/010	36 36	36	36	256076860117 L	6 /MOTOR 6 /MOTOR
2.	L/0/0002	SOCKET HEAD CAP SCREW (Raw material as per Drg. No. 10T827-634 Alt.2)	10T827-634, ALT.-2.	01	P 234/011 R 234/011	48 48	48	48	256077040117 L	8 /MOTOR 8 /MOTOR
3.	L/0/0003	SOCKET HEAD CAP SCR(Raw material as per Drg. No. 10T827-635 Alt.2)	10T827-635, ALT.-2.	01	P 234/012 R 234/012	48 48	48	48	256076890117 L	8 /MOTOR 8 /MOTOR

CATEGORY 'M' BOOK FOR WAG-7 & WAP-4 LOCOS FOR THE YEAR 2016-2017

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							WAG-7	WAP-4		
1.	M / 0 / 0001	BOLT FOR SUSPENSION TUBE M36X110	4TWD-095-O89 ALT.4	01	P 234/014 R 234/014	48 48	48	48	256077280117 L	8 /MOTOR 8 /MOTOR

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							WAG-7	WAP-4		
1.	S/0/0001	SPRING WASHER 36B (ZINC PLATED)	IS: 3063'72	01	P 234/015 R 234/015	48 48	48	48	256077900117 L	8 /MOTOR 8 /MOTOR
2.	S/0/0002	GREASE NIPPLE	4TWD-095-038	01	P 234/013 R 234/013	12 12	12	12	256075220117 L	2 /MOTOR 2 /MOTOR

CATEGORY 'T' BOOK FOR WAG-7 & WAP-4 LOCOS FOR THE YEAR 2016-2017

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							WAG-7	WAP-4		
1.	T/0/0001	M.S.WIRE 2 mm. DIA. (14 SWG)	IS: 280'78 (HALF HARD BRIGHT ANNEALED)	32	P 234/016 R 234/016	03 Kgs. 03 Kgs.	03 Kgs.	03 Kgs.	0	0.5Kgs./ MOTOR 0.5Kgs./ MOTOR
2.	T/0/0002	LOCTITE- 222 OR ANABOND-112	-----	51	P 234/017 R 234/017	0.45 Ltrs. 0.45 Ltrs.	0.45 Ltrs.	0.45 Ltrs.	0	0.075Ltrs./MOTOR 0.075Ltrs./MOTOR

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
1	L/S/0001	SET OF ‘U’ BOLT	CLW/TS/L/ 0001	03	----	----	1 L/Set	1 L/Set		
1.1	L/90/0036	‘U’ BOLT M6 (CAD. PLATED)	05/4/34/11, ALT-1,REF-1	01	P 353/147 R 353/453	1 1	1	1	253051300115 A	
1.2	L/0/0324	‘U’ BOLT (CAD. PLATED)	05/4/34/11, ALT-1,REF-2	01	P 353/521 R 353/457	2 2	2	2	253052200115 A	
1.3	L/90/0035	‘U’ BOLT M6 FOR 40 O/D. PIPE (CAD. PLATED)	0/3/65/321, ALT-1,REF-1	01	P 303/562	4	4	--	253050370115 A	
1.4	L/0/0249	‘U’ BOLT M8 (CAD. PLATED)	0/3/65/321, ALT-1,REF-5	01	P 357/058 P 357/198	7 5	12	--	253051410115 A	
1.5	L/0/0362	‘U’ BOLT M8 (CAD. PLATED)	0/4/65/62	01	P 354/307 R 354/422	2 2	2	2	253051650115A	
1.6	L/0/0370	‘U’ BOLT M8 (CAD. PLATED)	0/4/65/444	01	P 351/069 R 351/090	2 2	2	2		
2	L/S/0002	SET OF EYE BOLT ASSLY.	CLW/TS/L/ 0002	03	----	----	1 L/Set	1 L/Set		
2.1	L/0/0189	EYE BOLT ASSLY. WITH BRACKET (CAD. PLATED)	05/3/47/349, ALT-6,	01	R 348/502	52	----	52	253010190115 A	
2.2	L/0/0190	EYE BOLT ASSLY. WITH BRACKET (CAD. PLATED)	05/3/47/350, ALT-5,	01	R 348/495	4	----	4	253010200115 A	
2.3	L/0/0368	EYE BOLT ASSLY. WITH BRACKET (CAD. PLATED)	06/3/47/66, ALT-1,	01	P 348/511	36	36	----		
2.4	L/0/0369	EYE BOLT ASSLY. WITH BRACKET (CAD. PLATED)	06/3/47/63, ALT-Nil,	01	P 348/521	4	4	----		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
3	L/S/0003	SET OF CAPTIVE SCREW ASSLY.	CLW/TS/L/ 0003	03	----	----	1 L/Set	1 L/Set		
3.1	L/0/0352	CAPTIVE SCREW (CAD. PLATED)	05/4/36/155, ALT-5,	01	P 347/168 R 347/160	8 8	8	8	253050740115 A	
3.2	L/90/0016	CAPTIVE SCREW (CAD. PLATED)	05/4/36/154, ALT.-6	01	P 347/099 P 347/106	4 6	10	--	253051900115 A	
3.3	L/90/0017	CAPTIVE SCREW (CAD. PLATED)	05/4/36/224, ALT-3,	01	P 347/055	4	4	--	253050740115 A	
3.4	L/99/0086	CAPTIVE SCREW (CAD. PLATED)	03/4/36/80, ALT.-1	01	R 347/197 R 349/519	4 2	--	6	253360340115K	
4	L/S/0004	SET OF SLOTTED CSK./CHEESE/ ROUND. HD. SCREW	CLW/TS/L/ 0004, Alt-1	03	----	----	1 L/Set	1 L/Set		
4.1	L/0/0154	SLOTTED CSK. HD. SCREW M3 x 15 (CAD. PLATED)	IS: 1365, S-4.8	01	P 342/504 R 342/330 R 342/214	4 4 2	4	6	735364900115 A	
4.2	L/0/0126	SLOTTED CSK. HD. SCREW M4 x 12 (CAD. PLATED)	IS: 1365, S-4.8	01	P 342/036 R 344/230	8 72	8	72	735364280115 A	
4.3	L/99/0031	SLOTTED CSK. HD. SCREW M4 x 15 (CAD. PLATED)	IS: 1365, S-4.8	01	P 342/134 R 342/047	2 4	2	4	735364530115 K	
4.4	L/0/0127	SLOTTED CSK. HD. SCREW M4 x 25 (CAD. PLATED)	IS: 1365, S-4.8	01	P 342/329 P 342/462 P 108/255 P 111/124 R 108/034 R 108/065 R 111/265	2 2 8 16 18 6 16	28	40	735202020115 A	

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							WAG-7	WAP-4		
4.5	L/0/0128	SLOTTED CSK. HD. SCREW M5 x 16 (CAD. PLATED)	IS: 1365, S-4.8	01	P 313/019	12	12	--	735321010115 A	
4.6	L/0/0363	SLOTTED CSK. HD. SCREW M5 x 12 (CAD. PLATED)	IS: 1365, S-4.8	01	P 111/123 R 354/424 R 211/264	16 30 16	16	46	735304020115A	New
4.7	L/0/0129	SLOTTED CSK. HD. SCREW M5 x 20 (CAD. PLATED)	IS: 1365, S-4.8	01	P 355/745 R 355/514	27 18	27	18	735304510115 A	
4.8	L/0/0357	SLOTTED CSK. HD. SCREW M5 x 25 (CAD. PLATED)	IS: 1365, S-4.8	01	P 355/570 P 111/122 R 355/261 R 355/676 R 555/821 R 355/852 R 111/263	12 20 4 8 4 4 20	32	40	735305050115 A	
4.9	L/0/0155	SLOTTED CSK. HD. SCREW M5 x 40 (CAD. PLATED)	IS: 1365, S-4.8	01	R 346/076	4	--	4	735323560115 A	
4.10	L/0/0156	SLOTTED CSK. HD. SCREW M6 x 8 (CAD. PLATED)	IS: 1365, S-4.8	01	P 359/034 R 344/087 R 354/251 R 359/062	8 8 14 8	8	30	735324590115 A	
4.11	L/0/0327	SLOTTED CSK. HD. SCREW M6 x 10 (CAD. PLATED)	IS: 1365, S-4.8	01	P 326/034	8	8	--	735305440115 A	
4.12	L/0/0130	SLOTTED CSK. HD. SCREW M6 x 12 (CAD. PLATED)	IS: 1365, S-4.8	01	P 347/085 R 347/080	10 10	10	10	735306080115 A	

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							WAG-7	WAP-4		
4.13	L/0/0131	SLOTTED CSK. HD. SCREW M6 x 16 (CAD. PLATED)	IS: 1365, S-4.8 <u>C&D. NO.</u> R 347/232 R 361/057 R 359/047 R 301/305 R 347/438	01 <u>QTY/ C&D.</u> 16 8 8 48 12	P 301/133 P 311/008 P 361/004 P 359/019 R 311/161 R 344/230 R 347/087	44 52 8 8 12 72 24	112	200	735325020115 A	
4.14	L/0/0132	SLOTTED CSK. HD. SCREW M6 x 20 (CAD. PLATED)	IS: 1365, S-4.8	01	P 326/022 R 344/088 R 344/128	18 4 8	18	12	735306570115 A	
4.15	L/0/0133	SLOTTED CSK. HD. SCREW M6 x 25 (CAD. PLATED)	IS: 1365, S-4.8	01	P 111/121 R 359/059 R 111/262	24 4 24	24	28	735307000115 A	
4.16	L/0/0364	SLOTTED CSK. HD. SCREW M8 x 16 (CAD. PLATED)	IS: 1365, S-4.8	01	R 347/437	8	--	8	735311080115A	
4.17	L/0/0134	SLOTTED CSK. HD. SCREW M8 x 20 (CAD. PLATED)	IS: 1365, S-4.8	01	P 311/640 P 352/099 P 352/260 P 342/232 R 352/303 R 352/152	16 167 148 9 10 146	340	156	735311370115 A	
4.18	L/99/0003	SLOTTED CSK. HD. SCREW M8 x 25 (CAD. PLATED)	IS: 1365, S-4.8	01	P 111/120 R 108/031 R 359/043 R 111/261	24 8 72 24	24	104	735331050115 K	
4.19	L/0/0022	SLOTTED CSK. HD. SCREW M14 x 40/25 WITH HEX. NUT (C.P.)	IS: 1365, S-4.8	01	P 346/155	16	16	--	735342010115 A	

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							WAG-7	WAP-4		
4.20	L/99/0014	SLOTTED CHEESE HD. SCREW M3 x 60 (CAD. PLATED)	IS: 1366, S-4.8	01	R 119/096	2	--	2	735302440115 A	
4.21	L/90/0043	SLOTTED CHEESE HD. SCREW M3 x 70 (CAD. PLATED)	IS: 1366, S-4.8	01	P 119/346	2	2	--	735850900115 A	
4.22	L/0/0140	SLOTTED CHEESE HD. SCREW M4x 25 (CAD. PLATED)	IS: 1366, S-4.8 <u>C&D.NO</u> P 119/675 R 119/159 R 101/276 R 102/276	01 <u>QTY/ C&D.</u> 84 26 4 4	P 119/276 P 101/251 P 101/238 P 102/226 P 102/239 P 103/162 P 111/146	26 8 4 4 12 4 40	182	134	735202020115 A R119/897 76 R101/328 8 R102/324 12 R103/237 4	
4.23	L/90/0007	SLOTTED CHEESE HD. SCREW M4x 30 (CAD. PLATED)	IS: 1366, S-4.8	01	P 118/025 R 118/025 R 118/058	24 24 4	24	28	735202140115 A	
4.24	L/99/0072	SLOTTED CHEESE HD. SCREW M6x 16 (CAD. PLATED)	IS: 1366, S-4.8	01	R 108/072 R 110/060 P 110/199	8 36 48	48	44	735204080115 A	
4.25	L/0/0146	SLOTTED CHEESE HD. SCREW M6x 20 (CAD. PLATED)	IS: 1366, S-4.8	01	P 326/035 R 110/127 P 110/198	4 64 16	4	64	735204570115 A	
4.26	L/90/0005	SLOTTED CHEESE HD. SCREW M6x 40 (CAD. PLATED)	IS: 1366, S-4.8	01	P 326/023 R 344/129	16 16	16	16	739851190115 A	
4.27	L/0/0150	SLOTTED CHEESE HD. SCREW M8x 40 (CAD. PLATED)	IS: 1366, S-4.8	01	R 359/045	16	--	16	735264230115 A	
4.28	L/0/0158	SLOTTED CHEESE HD. SCREW M10x30 (CAD. PLATED)	IS: 1366, S-4.8	01	P 353/049 R 344/159	36 4	36	4	735214010115 A	

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							WAG-7	WAP-4		
4.29	L/99/0073	SLOTTED ROUND HD. SCREW M5x 12 (CAD. PLATED)	IS: 1366, T.S.D.	01	P 347/140 R 347/208	66 44	66	44	735505530115A	
4.30	L/90/0056	SLOTTED ROUND HD. SCREW M5x 16 (CAD. PLATED)	IS: 1366,	01	P 347/160	28	28	--	739869380115A	
4.31	L/0/0373	SLOTTED CSK HD SCREW M8x20x1.25P	182-00319-006	01	P349/441 R349/647	8 8	8	8	293312500115A	
5	L/S/0006	SET OF THREADED ROD	CLW/TS/L/ 0006	03	----	----	1 L/Set	1 L/Set		
5.1	L/0/0179	THREADED ROD M8 x 50 (CAD. PL.)	IS: 2062, GR.-A	01	P 357/066	10	10	--	736657690115 A	
5.2	L/0/0180	THREADED ROD M8 x 80 (CAD. PL.)	IS: 2062, GR.-A	01	P 342/622 R 119/346 R 342/522	12 4 4	12	8	253407730115 A	
5.3	L/99/0087	THREADED ROD M10 x 70 (CAD. PL.)	IS: 2062, FE-410WA	01	R 315/357 P 315/385	4 4	4	4	253450230115A	
5.4	L/90/0046	THREADED ROD M12 x 110 (CAD. PL.)	IS: 2062, GR.-1	01	P 114/685 P 114/646	32 4	36	--	253451020115 A	
5.5	L/90/0045	THREADED ROD M12 x 125 (CAD. PL.)	IS: 2062, GR.-1	01	R 114/082 P 114/684	12 28	28	12	253451260115 A	
5.6	L/90/0044	THREADED ROD M12 x 140 (CAD. PL.)	IS: 2062, GR.-1	01	P 114/683	8	8	--	253451510115 A	
5.7	L/99/0077	THREADED ROD M12 x 60/60 (CAD.PL.)	IS: 2062	01	R 114/085 P 114/678	16 12	12	16	253450470115 A	
5.8	L/99/0074	THREADED ROD M12 x 135/135 (CAD. PL.)	IS: 2062	01	R 114/081	22	--	22	253451400115 A	

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							WAG-7	WAP-4		
5.9	L/99/0075	THREADED ROD M12 x 155/155 (CAD. PL.)	IS: 2062	01	R 114/083 P 114/646	8 8	8	8	253451750115A	
5.10	L/99/0076	THREADED ROD M12 x 175/175 (CAD. PL.)	IS: 2062	01	R 114/084	8	--	8	253451990115A	
5.11	L/99/0009	THREADED ROD M14 x 45 (CAD.PL)	IS:2062 Fe-410WA	01	R310/066	16	..	16	253407850115 K	
5.12	L/99/0080	THREADED ROD M16 x 250 (CAD. PL.)	IS: 2062	01	R 104/032	2	..	2	253454500115A	
5.13	L/90/0037	THREADED ROD (CAD. PL.)	06/4/41/15, ALT.-1, Ref-3	01	P 353/333 R 353/447	2 2	2	2	253418070115 A	
6	L/S/0007	SET OF MISCELLANEOUS STEEL SCREW	CLW/TS/L/ 0007, Alt-1	03	----	----	1 L/Set	1 L/Set		
6.1	L/0/0334	HAMMERED DRIVE STEEL SCREW N0.-4 x 8 (CAD. PLATED) <div style="display: flex; justify-content: space-between;"><div><u>C&D. NO.</u> R 118/063 R 119/339 R 111/058 R 118/223</div><div><u>QTY/ C&D.</u> 4 8 8 4</div></div>	IS: 7519 <u>C&D. NO.</u> P102/232 P 108/236 P 111/119 P 101/244 R 108/191 R 119/091 R 119/197 R 114/156	01 <u>QTY/ C&D.</u> 110 50 80 110 8 228 6 20	P 104/011 P 108/175 P 114/248 P 118/078 P 119/097 P 121/052 P 119/330 P 119/351 P 118/092 R 111/260	2 8 20 8 220 6 12 2 100 80	728	874	739552700115 A	<u>QTY/ C&D.</u> 50 28 110 110 2 24 80 104
6.2	L/90/0050	KNURLED HEAD SCREW (CAD. PLATED)	05/4/35/91, Alt-4	01	P 341/193	2	2	----	253360580115W	
7	L/S/0008	SET OF STUD	CLW/TS/L/ 0008	03	----	----	1 L/Set	1 L/Set		
7.1	L/90/0025	STUD M8 x 30	IS:1862,	01	P 118/073	4	4	4	736656290115 A	

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							WAG-7	WAP-4		
		(CAD. PLATED)	TYPE-A		R 108/186	4				
7.2	L/90/0002	STUD M8 x 64 (CAD. PLATED)	06/4/41/15, ALT.-1,Ref-1	01	P 353/306 R 353/422	4 4	4	4	259840440115 A	.
7.3	L/90/0021	STUD M8 x 84 (CAD. PLATED)	06/4/41/15, ALT.-1,Ref-2	01	P 353/309 R 353/426	4 4	4	4	253454730115 A	
7.4	L/99/0081	STUD M12 x 30 (CAD. PLATED)	IS:1862	01	R 113/045	2	--	2	736627560115A	
7.5	L/0/0333	STUD M12 x 50 (CAD. PLATED)	01/4/25/13, ALT.-7	01	P 205/023 R 205/056	48 48	48	48	736659270115 A	
7.6	L/0/0241	STUD M14 x 2 x 50 (CAD. PLATED)	IS:1862, TYPE-A	01	P 310/031	32	32	--	736606560115A	
8	L/S/0009	SET OF MISC. NUTS	CLW/TS/L/ 0009, Alt-1	03	----	----	1 L/Set	1 L/Set		
8.1	L/0/0050	SLOTTED HEX. NUT M10 (CAD. PLATED)	IS: 2232	01	P 314/022 P 315/013	2 16	18	--	731464560115 A	
8.2	L/0/0354	SLOTTED HEX. NUT M22 (CAD. PLATED)	IS: 2232	01	P 222/082 R 211/017	8 96	8	96	731464700115 A	
8.3	L/0/0354/A	SLOTTED HEX. NUT M22 (CAD. PLATED) 2 PITCH, (PRECISION GRADE)	IS:2232	01	P 222/155	16	16	--	253160590115A	
8.4	L/99/0040	SLOTTED HEX. NUT M24 (CAD. PLATED)	IS: 2232	01	R 211/032	24	--	24	253160470115 A	
8.5	L/0/0339	CASTLE NUT M20 (CAD. PLATED)	IS: 2232	01	P 317/082 R 317/237	24 2	24	2	731464810115 A	
8.6	L/90/0001	CASTLE NUT M 24 (CAD. PLATED)	IS: 2232	01	P 222/047	24	24	--	731659430115 W	
8.7	L/99/0070	NYLOCK NUT M24	DIN-6924 OR ISO:7040	01	P 316/038	32	32	32	739868350115 W	

CATEGORY “L” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
			STYLE-1 P-8,GR-A TO IS:1367 PT-II STEEL ZINC PLATED (PASSIVATED)		R 316/064	32				
9	L/S/0011	SET OF MISC. WASHERS FOR SHOP-19	CLW/TS/L/ 0011, Alt-1	03	----	----	1 L/Set	1 L/Set		
9.1	L/0/0312	MACHINED WASHER 4.3 (CAD. PLATED)	IS: 2016 <u>C&D. NO.-</u> R 119/161 R 119/093 R 118/068 R 108/172 R 119/711 R 119/899 R 108/289 R 111/277 R 101/330 R 102/326 R 103/239	01 <u>QTY./ C&D.</u> 26 35 4 8 104 76 16 48 8 12 4	P 110/060 P 118/026 P 119/099 P 119/278 P 122/954 P 119/678 P 101/231 P 101/253 P 102/219 P 102/241 P 119/631	1 48 35 26 4 84 8 8 8 12 69	379	357	737004000115 A	<u>QTY./ C&D</u> 8 32 8 8 4 16 56
									<u>C&D. NO.-</u> R 108/289 R 111/216 R 101/269 R 102/269 P 103/164 P 108/250 P 111/136	

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
9.2	L/0/0313	MACHINED WASHER 5.4 (CAD. PLATED)	IS: 2016	01	P 109/039	4	488	602	737063950115 A	
				<u>QTY./</u>	P 113/043	14				
			<u>C&D. NO.-</u>	<u>C&D</u>	P 114/366	12				
			R 103/132	8	P 117/038	10				
			R 104/044	8	P 118/130	6				
			R 109/036	8	P 119/086	182				
			R 111/029	52	P 119/273	38				
			R 113/043	14	P 119/343	4				
			R 117/038	16	P 119/484	160				
			R 119/156	38	P 111/135	36				
			R 119/080	188	P 119/698	16				
			R 119/336	8	P119/618	182				
			R 111/044	306	R 101/319	4				
			R 111/215	36	R 111/276	36				

CATEGORY “L” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
9.3	L/0/0314	MACHINED WASHER 6.4 (CAD. PLATED)	IS: 2016	01	P 101/225	12	393	507	737063830115 A	
				<u>QTY./</u>	P 102/213	18				
			<u>C&D. NO.</u>	<u>C&D.</u>	P 103/135	16				
					P 108/249	24				
			R 119/070	116	P 111/134	24				
			R 119/203	4	P 104/096	4				
			R 112/019	4	P 110/090	8				
			R 114/240	6	P 113/007	18				
			R 117/045	8	P 117/045	8				
			R 113/007	18	P 118/030	46				
			R 119/342	4	P 119/282	4				
			R 306/156	14	P 119/076	116				
			R 346/098	16	P 119/323	8				
			R 353/057	2	P 306/070	14				
			R 103/118	12	P 346/015	8				
			R 110/035	4	P 346/023	64				
			R 119/165	4	P 357/149	1				
			R 108/288	24						
			R 110/113	22	R 108/043	40				
			R 101/264	22	R 108/073	8				
			R 102/264	18	R 108/161	5				
			R 103/183	12	R 104/055	2				
			R 111/275	24	R 111/034	64				
			R 144/422	12	R 118/030	42				
9.4	L/0/0315	MACHINED WASHER 8.4 (CAD. PLATED)	IS: 2016	01	P 101/218	8	571	763	737064010115 A	
					P 102/206	8				
					P 104/019	7				
					P 104/106	1				

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SL. NO.	CAT. NO.	DESCRIPTION		DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
								WAG-7	WAP-4		
		<u>C&D.NO.</u>	<u>QTY/ C&D.</u>	<u>C&D. NO.</u>	<u>QTY./ C&D.</u>	P 103/155	20				
						P 111/133	24				
						P 109/055	4				
		R 349/481	16	R 110/093	3	P 112/014	2				
		R 353/575	2	R 108/164	4	P 113/004	26				
		R 103/143	28	R 109/052	6	P 114/325	72				
		R 113/084	1	R 111/025	48	P 114/552	3				
		R 110/109	60	R 118/022	12	P 118/022	12				
		R 101/257	8	R 118/221	2	P 119/079	126				
		R 102/257	8	R 119/169	4	P 119/107	16				
		R 103/203	28	R 119/073	126	P 119/286	1				
		R 342/523	8	R 119/104	16	P 119/326	2				
		P 108/278	8	R 119/136	10	P 119/384	10				
		P 111/225	8	R 123/017	16	P 121/041	15				
		R 108/306	140	R 113/004	26	P 121/060	16				
		R 119/691	8	R 121/066	1	P 313/032	24				
		R 111/301	24	R 121/043	12	P 346/171	54				
		R 111/274	8	R 353/025	2	P 321/050	16				
				R 354/166	12	P 349/169	8				
				R 342/137	8	P 353/210	2				
				R 119/351	2	P 355/346	74				
				R 101/223	62	P 365/053	4				
				R 102/225	62						

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
9.6	L/0/0329	MACHINED WASHER 13 (CAD. PLATED)	IS: 2016 <u>C&D. NO.</u> P 347/057 P 114/664 R 101/021 R 109/042 R 109/045 R 109/058 R 101/253 R 102/253	01 <u>QTY./ C&D</u> 2 24 40 30 4 12 36 36	P 101/214 P 102/202 P 103/128 P 109/045 P 109/048 P 109/062 P 113/024 P 114/242 P 114/370 P 117/030 P 118/092 P 119/081 P 342/185	36 36 32 4 4 12 20 56 20 1 2 20 2	311	390	737013500115 A	<u>QTY/C&D</u> 36 36 32 2
9.7	L/0/0317	MACHINED WASHER 15 (CAD. PLATED)	IS: 2016 <u>C&D. NO.</u> R 109/014 R 114/232 R 113/034 R 114/418	01 <u>QTY./ C&D</u> 36 72 10 36	P 101/267 P 102/256 P 103/183 P 113/034 P 114/359 P 348/335 P 302/222	136 148 48 10 12 6 8	368	528	737063710115 A	<u>QTY/C&D</u> 16 136 148 48
9.8	L/0/0341	MACHINED WASHER 17 (CAD. PLATED)	IS: 2016 <u>C&D. NO.</u> R 104/038 R 117/017 R 346/142	01 <u>QTY./ C&D</u> 2 4 4	P 104/058 P 114/376 P 117/017 P 306/024 P 312/069 P 346/153	2 4 4 16 8 4	38	10	737063600115 A	

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
9.9	L/0/0342	MACHINED WASHER 19 (CAD. PLATED)	IS: 2016	01	P 311/448	12	12	--	737062200115 A	
9.10	L/90/0008	MACHINED WASHER 25 (CAD. PLATED)	IS: 2016	01	P 222/144	24	24	--	737077150115 A	
9.11	L/0/0346	PLAIN WASHER 3B (CAD. PLATED)	IS: 2016	01	P 119/347 R 119/098	4 4	4	4	737003070115 A	
9.12	L/0/0349	PLATE WASHER STRAIGHT TO WING FLAP N.D. 16 mm. (BRASS)	CLW/AC/112 ALT.-3	01	P 355/428	3	3	--	253570860115 A	
9.13	L/0/0350	PLATE WASHER STRAIGHT TO WING FLAP N.D.16 mm. (M.S)	CLW/AC/112 ALT.-3	01	P 348/323	32	32	--	253570500115 K	
9.14	L/0/0351	PLATE WASHER STRAIGHT TO WING FLAP 18 DIA. (M.S.)	CLW/AC/112 ALT.-3	01	P 348/320	36	36	--	259810920115 A	
9.15	L/0/0320	PLATE WASHER RIGHT ANGLE TO WING FLAP N.D. 16 mm. (M.S.)	CLW/AC/112 ALT.-3	01	P 311/143 R 311/250	20 20	20	20	737964750115 A	
9.16	L/90/0027	LOCK WASHER M16 (CAD. PLATED)	IS: 5369	01	R 104/033	4	--	4	737070160115A	
10.	L/S/0012	SET OF MISC. WASHERS FOR SHOP-16	CLW/TS/L/ 0012, Alt-Nil	03	----	----	1 L/Set	1 L/Set	253510960315A	
10.1	L/0/0317	MACHINED WASHER 15 (CAD. PLATED)	IS: 2016	01	P 109/015 P 311/510	20 16	36	---	737063710115 A	
10.2	L/0/0341	MACHINED WASHER 17 (CAD. PLATED)	IS: 2016	01	P 354/259 R 354/361	8 8	8	8	737363600115A	
10.3	L/90/0009	MACHINED WASHER 28 (CAD. PLATED)	IS: 2016	01	P 233/033	3	3	--	737015060115 A	

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
10.4	L/0/0344	MACHINED WASHER 34 (CAD. PLATED)	IS: 2016	01	P 233/028 R 233/010 R 301/051 R 233/021	3 3 8 1	3	12	737064980115 A	
10.5	L/0/0361	PLAIN WASHER 8B (CAD. PL.)	IS: 2016	01	P 311/680	12	12	--		
10.6	L/0/0321	PLATE WASHER STRAIGHT TO WING FLAP 24 mm. (M.S.)	CLW/AC/112 ALT.-3	01	P 222/051	8	8	--	253570620115 A	
10.7	L/0/0059	PLAIN WASHER M12	IS: 2016	01	P114/646	12	12	--		
11.	L/S/0013	SET OF MACHINED WASHERS FOR SHOP-18	CLW/TS/L/ 0013, Alt-Nil	03	----	----	1 L/Set	1 L/Set		
11.1	L/90/0057	MACHINED WASHER 23 (CAD. PLATED)	IS: 2016	01	P 222/149	24	24	--	739874020115A	
11.2	L/90/0058	MACHINED WASHER 71 (CAD. PLATED)	IS: 2016 06/2/15/54 Alt.12	01	P 222/174	12	12	--		
11.3	L/90/0011	MACHINED WASHER 66 (CAD. PLATED)	IS: 2016 06/2/15/54 Alt.12	01	P 222/175	16	16	--	739801460115 A	
12.	L/S/0014	SET OF MACHINED WASHERS FOR SHOP-26	CLW/TS/L/ 0014, Alt-Nil	03	----	----	1 L/Set	1 L/Set		
12.1	L/99/0088	MACHINED WASHER 15 (CAD. PLATED)	IS: 2016	01	R 315/296	8	--	8	737517040115A	

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
13.	L/0/0365	'U' CLIP FOR 3/8" ISOLATING COCK (LEGRIS TYPE) (CAD. PLATED)	0/4/65/439, ALT-NIL	01	P 354/308	14	14	14	739870370115A	
					R 354/425	14				
14.	L/S/0017	SET OF HEX. NUT	CLW/TS/L/ 0017	03	----	----	1 L/Set	1 L/Set		
14.1	L/0/0045	HEX. NUT M3 (CAD. PLATED)	IS: 1364, S-8	01	P 119/349 R 119/097	2 2	2	2	731164900115 W	
14.2	L/99/0011	LOCK NUT M16 (CAD. PLATED)	IS: 1364	01	P 104/054 R 104/034	4 4	4	4	731364990115 A	
14.3	L/0/0372	NYLOCK NUT M27x3P (CAD. PLATED)	IS:7040 OR DIN:6924	01	P 316/044 R 316/071	16 16	16	16		
14.4	L/99/0092	NYLOCK NUT M6	IS: 1364	01	R 356/353	55	--	55		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
1	M/S/0001	SET OF HEX. HEAD SCREW	CLW/TS/M/ 0001, ALT-2	03	----	----	1 L/Set	1 L/Set		
1.1	M/0/0064	HEX. HD. SCREW M4 x 16 (CAD. PLATED)	IS: 1364, S-8.8	01	P 119/101 R 119/095	8 8	8	8	735143660115 W	
1.2	M/0/0065	HEX. HD. SCREW M4 x 20 (CAD. PLATED)	IS: 1364, S-8.8	01	P 101/230 P 102/218 R 111/031 R 101/268 R 102/268	4 4 8 4 4	8	16	735143540115 W	
1.3	M/99/0192	HEX. HD. SCREW M4 x 25 (CAD. PLATED)	IS: 1364, S-8.8	01	P 110/062 R 108/170	1 8	1	8	735152670115 K	
1.4	M/0/0068	HEX. HD. SCREW M5 x 15 (CAD. PLATED)	IS: 1364, S-8.8	01	P 113/042 P 119/084 P 119/090 P 342/229 P 353/152 P 354/073 P 354/095 P 118/128 P 354/276	6 58 34 4 4 51 24 6 12	199	184	735143300115 W	
					<u>QTY/</u> <u>C&D</u>					
		<u>C&D. NO.</u> R 104/042 R 119/078 R 119/084 R 113/042	<u>QTY/</u> <u>C&D</u> 8 56 42 6		<u>C&D. NO.</u> R 119/334 R 354/170 R 103/130 R 342/104 R 347/165 R 101/318	<u>QTY/</u> <u>C&D</u> 8 30 4 8 20 2				

CATEGORY “M” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
1.5	M/0/0069	HEX. HD. SCREW M5 x 20 (CAD. PLATED)	IS: 1364, S-8.8	01	P 119/119 P 346/033 P 353/119 P 355/730 P 359/119 R 119/114 R 346/162 R 354/162	4 6 2 6 2 4 6 10	20	20	735143290115 W	
1.6	M/0/0070	HEX. HD. SCREW M5 x 25 (CAD. PLATED)	IS: 1364, S-8.8	01	P 109/037 P 117/037 P 119/275 P 119/342 P 354/211 R 109/034 R 111/028 R 117/037	4 4 4 4 32 8 22 4	48	34	735149490115 W	
1.7	M/0/0216	HEX. HD. SCREW M5 x 40 (CAD. PLATED)	IS: 1364, S-8.8	01	P 355/165 P 355/175	8 4	12	--	735132710115 W	
1.8	M/0/0071	HEX. HD. SCREW M6 x 12 (CAD. PLATED)	IS: 1364, S-8.8	01	P 113/006 R 113/006 R 354/398 R 314/893	18 18 4 2	18	24	735145480115 W	

CATEGORY "M" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
1.9	M/0/0072	HEX. HD. SCREW M6 x 15 (CAD. PLATED)	IS: 1364, S-8.8 <u>C&D.NO.</u> R 354/394 R 355/023 R 356/294 R 355/036 R 355/569 R 103/117 R 349/491 R 349/637 R 354/423 R 347/428 R 103/182	01	P 103/134	4	33	439	735106090115 W	
					P 113/065	4				
					P 233/098	8				
					P 353/399	1				
					P 355/435	4				
					P 355/400	2				
					P 355/413	4				
					P 356/360	2				
					P 321/059	4				
					R 104/054	2				
					R 233/012	8				
					R 346/151	8				
					R 354/307	48				
					R 342/502	12				
1.10	M/0/0073	HEX. HD. SCREW M6 x 20 (CAD. PLATED)	IS: 1364, S-8.8 <u>C&D.NO.</u> R 110/088 R 112/018 R 119/111 R 355/296 R 354/252 R 306/155 R 314/676 R 364/026 R 108/283	01	P 112/022	4	128	167	735106580115 W	
					P 119/115	24				
					P 303/663	6				
					P 353/283	1				
					P 355/618	6				
					P 356/242	1				
					P 342/628	12				
					P 119/510	18				
					P 364/036	48				
					P 108/244	8				

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
1.11	M/0/0074	HEX. HD. SCREW M6 x 25 (CAD. PLATED)	IS: 1364, S-8.8 C&D.NO. R 111/033 R 109/049 R 108/180 R 110/033 R 119/158 R 119/171 R 119/083 R 356/192 R 356/092 R 356/575 R 119/202 R 119/341 R 353/365 R 356/352	01 <u>QTY/</u> <u>C&D</u> 32 2 8 4 4 1 22 14 7 1 2 4 3 55	P 104/094 P 109/052 P 118/067 P 119/288 P 119/089 P 311/029 P 311/454 P 311/541 P 303/669 P 321/017 P 353/471 P 356/342 P 356/269 P 347/181 P 357/072 P 359/031	4 2 8 1 22 32 66 6 6 8 3 2 1 32 7 4	204	103	735107010115 W	
1.12	M/0/0075	HEX. HD. SCREW M6 x 30 (CAD. PLATED)	IS: 1364, S-8.8	01	P 117/044 P 110/087 P 356/035 P 356/054 P 356/096 P 356/322 P 364/041 R 108/042 R 108/158 R 117/044 R 314/650 R 364/039	8 4 4 19 2 3 18 20 6 8 2 18	58	54	735145360115 W	
1.13	M/0/0076	HEX. HD. SCREW M6 x 35 (CAD. PLATED)	IS: 1364, S-8.8	01	P 119/280 R 119/163	1 1	1	1	735145240115 W	

CATEGORY “M” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
1.14	M/0/0077	HEX. HD. SCREW M6 x 40 (CAD. PLATED)	IS: 1364, S-8.8	01	P 103/146 P 356/341 R 114/416 R 114/237 R 118/029 R 103/134 R 103/194	2 1 12 6 14 6 2	3	40	735107500115 W	
1.15	M/0/0078	HEX. HD. SCREW M6 x 50 (CAD. PLATED)	IS: 1364, S-8.8 <u>C&D.NO.</u> R 346/097 R 354/309 R 110/097 R 108/282 R 101/263 R 102/263	01 <u>QTY/ C&D</u> 16 4 4 8 6 6	P 101/224 P 102/212 P 108/243 P 114/556 P 303/093 P 321/020 P 346/718 P 346/014 P 346/021 P 346/726	6 6 8 4 2 16 8 8 8 8	74	44	735147550115 W	
1.16	M/90/0045	HEX. HD. SCREW M8 x 10 (CAD. PLATED)	IS: 1364, S-8.8	01	P 356/435	2	2	--	735108410115W	
1.17	M/0/0079	HEX. HD. SCREW M8 x 15 (CAD. PLATED)	IS: 1364, S-8.8 <u>C&D.NO.</u>	01 <u>QTY/ C&D</u>	P 112/013 P 113/003 P 119/094 P 119/138	2 24 34 2	265	316	735145120115 W <u>C&D.NO.</u> R 310/016	<u>QTY/ C&D</u> 32

CATEGORY “M” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION		DRAWINIG/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
								WAG-7	WAP-4		
		<u>C&D.NO.</u>	<u>QTY/ C&D</u>	P 360/009 P 365/018 P 366/045 P 356/170 P 311/217 P 357/326 P 354/249 P 354/289 P 347/162 P 342/198	32 16 5 6 12 1 4 4 22 8	P 342/530 P 303/575 P 303/051 P 303/099 P 303/145 P 346/090 P 356/340	14 18 11 14 2 32 2			R 356/067 R 321/178 R 357/608 R 358/321 R 101/221 R 102/223 R 348/561 R 302/304 R 356/213 R 314/874	8 8 1 4 32 31 4 8 33 13
1.18	M/0/0080	HEX. HD. SCREW M8 x 20 (CAD. PLATED)		IS: 1364, S-8.8	01	P 109/057 P 119/093 P 353/460 P 303/146 P 310/057 P 303/544 P 355/730 P 366/123 P 348/368 P 303/052 P 347/340 P 222/368 P 366/219	2 26 2 1 4 21 6 9 6 48 12 6 1	161	456	735145000115 W	
		<u>C&D.NO.</u>	<u>QTY/ C&D</u>	<u>C&D.NO.</u>	<u>QTY/ C&D</u>	P 301/236 P 321/046 P 347/146 P 342/625 P 347/164 R 109/054 R 111/024 R 119/087 R 347/167 R 313/076 R 349/593	1 4 4 4 4 2 16 26 4 236 28				
1.19	M/0/0081	HEX. HD. SCREW M8 x 25 (CAD. PLATED)		IS: 1364, S-8.8	01	P 112/008 P 114/324 P 303/096 P 303/144	12 72 11 6	804	875	735108530115 W	

CATEGORY “M” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
			<u>C&D.NO.</u>	<u>QTY./ C&D</u>	P 303/246	10				
			P 342/148	4	P 303/278	6				
			P 342/606	4	P 311/440	24				
					P 315/037	4				
					P 342/576	18				
			R 103/160	2	P 346/036	2				
			R 111/040	8	P 349/083	8				
			R 112/007	25	P 353/203	7				
			R 114/251	4	P 353/741	401				
			R 121/064	1	P 355/721	64				
			R 357/590	6	P 315/353	8				
			R 349/454	80	P 356/324	9				
			R 356/213	8	P 356/274	2				
			R 342/305	4	P 356/299	10				
			R 355/724	104	P 366/260	12				
			R 356/217	7	P 354/030	6				
			R 356/263	10	P 352/263	19				
			R 357/537	6	P 303/556	15				
			R 356/079	22	P 356/188	2				
			R 314/479	25	P 303/504	12				
			R 314/309	16	P 342/235	18				
			R 314/862	6	P 357/253	2				
			R 314/726	6	P 357/316	6				
			R 354/159	25	P 303/750	10				
			R 355/516	284						
			R 353/110	2						
			R 352/225	68						
			R 346/159	2						
1.20	M/0/0082	HEX. HD. SCREW M8 x 30 (CAD. PLATED)	IS: 1364, S-8.8	01	P 119/088	4	199	104	735144940115 W	
					P 119/369	13				
					P 121/059	8				
			<u>C&D. NO.</u>	<u>QTY./ C&D</u>	P 303/550	4				

CATEGORY "M" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
		<div> <div>QTY/ C&D</div> <div> <div>C&D.NO</div> <div>R 314/706</div> <div>R 310/147</div> <div>R 353/514</div> <div>R 353/557</div> <div>R 353/611</div> <div>R 349/488</div> </div> </div> <div> <div>1</div> <div>4</div> <div>6</div> <div>4</div> <div>12</div> <div>16</div> </div>	<div>P 366/158</div> <div>P 308/142</div> <div>P 308/055</div> <div>P 222/048</div> <div>P 349/401</div> <div>P 356/427</div> <div>P 119/512</div> <div>R 119/685</div> <div>R 119/082</div> <div>R 119/121</div> <div>R 123/016</div> <div>R 314/468</div>	<div>2</div> <div>16</div> <div>10</div> <div>32</div> <div>4</div> <div>38</div> <div>5</div> <div>12</div> <div>4</div> <div>13</div> <div>8</div> <div>24</div>	<div>P 303/729</div> <div>P 315/340</div> <div>P 353/459</div> <div>P 357/278</div> <div>P 353/377</div> <div>P 353/276</div> <div>P 357/136</div> <div>P 357/062</div> <div>P 354/092</div> <div>P 366/086</div> <div>P 357/176</div>	<div>2</div> <div>8</div> <div>4</div> <div>4</div> <div>8</div> <div>4</div> <div>4</div> <div>6</div> <div>20</div> <div>6</div> <div>2</div>				
1.21	M/0/0083	HEX. HD. SCREW M8 x 35 (CAD. PLATED)	<div>IS: 1364, S-8.8</div> <div> <div>C&D.NO.</div> <div>R 353/484</div> <div>R 353/244</div> <div>R 353/066</div> <div>R 354/119</div> <div>R 356/113</div> <div>R 314/514</div> <div>R 357/575</div> <div>R 110/092</div> <div>R 314/858</div> <div>R 101/256</div> <div>R 102/256</div> </div>	<div>01</div> <div> <div>QTY/ C&D</div> <div>4</div> <div>2</div> <div>4</div> <div>6</div> <div>2</div> <div>4</div> <div>3</div> <div>3</div> <div>3</div> <div>8</div> <div>8</div> </div>	<div>P 101/217</div> <div>P 102/205</div> <div>P 104/021</div> <div>P 114/551</div> <div>P 303/541</div> <div>P 342/069</div> <div>P 354/032</div> <div>P 353/458</div> <div>P 353/390</div> <div>P 353/497</div> <div>P 353/424</div> <div>P 366/047</div>	<div>8</div> <div>8</div> <div>7</div> <div>3</div> <div>39</div> <div>4</div> <div>2</div> <div>2</div> <div>6</div> <div>4</div> <div>11</div> <div>2</div>	112	63	735144820115 W	<div>P 108/276 8</div> <div>R 108/304 8</div> <div>P 111/223 8</div> <div>R 111/299 8</div>
1.22	M/0/0084	HEX. HD. SCREW M8 x 40 (CAD. PLATED)	<div>IS: 1364, S-8.8</div> <div> <div>C&D.NO.</div> <div>R 108/219</div> <div>R 103/141</div> </div>	<div>01</div> <div> <div>QTY/ C&D</div> <div>2</div> <div>20</div> </div>	<div>P 103/153</div> <div>P 118/021</div> <div>P 119/106</div> <div>P 303/581</div> <div>P 356/456</div> <div>P 356/415</div>	<div>20</div> <div>12</div> <div>8</div> <div>40</div> <div>6</div> <div>6</div>	92	110	735143660115 W	

CATEGORY “M” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
			R 108/162 R 118/021 R 119/103 R 314/466 R 342/499 R 103/201	6 12 8 28 14 20						
1.23	M/0/0085	HEX. HD. SCREW M8 x 45 (CAD. PLATED)	IS: 1364, S-8.8 C&D.NO.- R 109/050 R 314/474 R 354/193 R 356/089 R 356/212	01 QTY/ C&D 6 23 16 13 8	P 109/053 P 303/101 P 303/143 P 315/195 P 356/332 P 354/006	4 7 5 4 2 18	40	66	735147200115 W	
1.24	M/0/0086	HEX. HD. SCREW M8 x 50 (CAD. PLATED)	IS: 1364, S-8.8	01	P 119/284 P 303/709 P 321/051 P 121/040 R 349/482 R 119/167 R 314/679 R 121/042	1 4 16 15 16 1 6 15	36	38	735109560115 W	
1.25	M/0/0228	HEX. HD. SCREW M8 x 55 (CAD. PLATED)	IS: 1364, S-8.8	01	P 303/176	22	22	--	735140560115 W	
1.26	M/0/0355	HEX. HD. SCREW M8 x 65	IS: 1364, S-8.8	01	P 311/679	12	12	--	739872200115W	

CATEGORY “M” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
		(CAD. PLATED)								
1.27	M/0/0210	HEX. HD. SCREW M10 x 16 (CAD. PLATED)	IS: 1364, S-8.8	01	P 113/051 P 303/649 P 366/290 P 349/567 R 113/051 R 357/637 R 354/396 R 346/396 R 349/676	1 8 4 4 1 2 8 8 4	17	23	735144700115 W	
1.28	M/0/0087	HEX. HD. SCREW M10 x 20 (CAD. PLATED)	IS: 1364, S-8.8	01	P 104/105 P 314/028 P 315/028 P 346/087 P 366/247 P 355/356 P 356/372 P 365/043 P 366/100 P 347/167 R 314/031 R 347/170 R 357/541 R 348/571	1 3 4 8 6 38 2 4 4 16 4 16 4 10	86	34	735110550115 W	
1.29	M/0/0088	HEX. HD. SCREW M10 x 25 (CAD. PLATED)	IS: 1364, S-8.8 <u>C&D.NO.</u> R 101/164	01 <u>QTY/ C&D</u> 2	P 118/005 P 119/380 P 313/024 P 355/743 P 311/636 P 351/076	4 4 8 24 4 8	73	134	735111090115 W	

CATEGORY “M” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
			R 101/154 R 101/147 R 102/168 R 102/175 R 102/193 R 102/201 R 101/132 R 118/005 R 119/132 R 119/192 R 101/140 R 108/281	2 4 2 2 2 4 2 4 4 4 2 16	P 365/079 P 108/242 R 301/157 R 101/182 R 102/113 R 102/119 R 102/125 R 102/132 R 101/175 R 102/138 R 102/161	5 16 68 2 2 1 2 2 1 2 2				
1.30	M/0/0089	HEX. HD. SCREW M10 x 30 (CAD. PLATED)	IS: 1364, S-8.8 <u>C&D.NO.</u> R 103/094 R 109/028 R 348/282 R 101/217 R 102/219 R 310/152 R 113/078	01 <u>QTY/ C&D</u> 15 7 16 16 6 8 2	P 109/031 P 348/314 P 365/032	7 16 4	27	70	735144690115 W	
1.31	M/0/0090	HEX. HD. SCREW M10 x 35 (CAD. PLATED)	IS: 1364, S-8.8 <u>C&D.NO.</u> R 114/077 R 202/014 R 346/241 R 346/083	01 <u>QTY/ C&D</u> 48 4 20 8	P 242/068 P 348/350 P 356/127 P 242/042 P 114/671	32 8 2 16 48	106	80	735144590115 W	

CATEGORY “M” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
1.32	M/0/0091	HEX. HD. SCREW M10 x 40 (CAD. PLATED)	IS: 1364, S-8.8 <u>C&D.NO.</u> R 312/050 R 353/111 R 364/032 R 103/126 R 101/272 R 102/272 R 103/190	01 <u>QTY/</u> <u>C&D</u> 4 4 20 4 22 20 4	P 101/234 P 102/222 P 103/142 P 312/041 P 312/042 P 353/055 P 364/021	20 20 4 4 24 4 20	96	78	735111580115 W	
1.33	M/0/0092	HEX. HD. SCREW M10 x 45 (CAD. PLATED)	IS: 1364, S-8.8	01	P 315/008 P 348/327 P 114/670 R 348/269	8 8 12 8	28	8	735145610115 W	
1.34	M/0/0093	HEX. HD. SCREW M10 x 50 (CAD. PLATED)	IS: 1364, S-8.8	01	P 348/606 P 108/241 R 108/280 R 109/068	36 20 20 38	56	58	735112010115 W	
1.35	M/0/0152	HEX. HD. SCREW M12 x 20 (CAD. PLATED)	IS: 1364, S-8.8	01	P 113/022 R 123/022	14 14	14	14	735113040115 W	
1.36	M/0/0096	HEX. HD. SCREW M12 x 25 (CAD. PLATED)	IS: 1364, S-8.8 <u>C&D.NO.</u> R 205/058 R 306/152 R 346/203 R 360/016 R 103/112 R 101/251 R 102/251 R 103/179	01 <u>QTY/</u> <u>C&D</u> 48 4 4 24 8 16 16 8	P 101/212 P 102/200 P 103/131 P 205/025 P 222/067 P 302/065 P 310/034 P 360/012 P 346/181 P 342/226	16 16 8 48 32 4 64 16 4 12	220	128	735113530115 W	

CATEGORY "M" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
1.37	M/0/0097	HEX. HD. SCREW M12 x 30 (CAD. PLATED)	IS: 1364, S-8.8 <u>C&D.NO.</u> R 355/855 R 355/654 R 351/035 R 355/515 R 302/268	01 <u>QTY/ C&D</u> 12 9 12 42 32	P 109/043 P 118/008 P 351/015 P 302/163 P 119/591 R 109/040 R 118/008 R 200/004	2 2 16 32 2 2 2 16	54	127	735104760115 W	
1.38	M/0/0098	HEX. HD. SCREW M12 x 35 (CAD. PLATED)	IS: 1364, S-8.8 <u>C&D.NO.</u> R 113/072 R 123/023 R 360/124 R 119/086	01 <u>QTY/ C&D</u> 6 6 24 20	P 109/026 P 113/023 P 119/092 P 242/010 P 311/516 P 314/038 P 303/038	10 6 20 32 8 4 4	84	56	735148580115 W	
1.39	M/0/0099	HEX. HD. SCREW M12 x 40 (CAD. PLATED)	IS: 1364, S-8.8 <u>C&D. NO.</u> R 117/028 R 314/653 R 356/128 R 356/225	01 <u>QTY/ C&D</u> 1 4 2 2	P 117/028 P 315/030 P 353/167 P 242/049 P 357/082 P 356/368 P 242/071 P 101/228	1 4 2 16 4 2 32 8	69	9	735114560115 W	
1.40	M/0/0100	HEX. HD. SCREW M12 x 45 (CAD. PLATED)	IS: 1364, S-8.8	01	P 315/349 P 364/047 P 363/457 R 364/085 R 351/084 R 109/023 R 353/556	8 23 6 23 16 27 6	37	72	735115000115 W	

CATEGORY “M” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
1.41	M/0/0101	HEX. HD. SCREW M12 x50 (CAD. PLATED)	IS: 1364, S-8.8 <u>C&D. NO.</u> R 109/044 R 114/233 R 317/227 R 355/018 R 114/415 R 103/108 R 101/267 R 102/267 R 103/175	01 <u>QTY/ C&D</u> 2 2 4 4 2 4 8 8 8	P 109/047 P 114/369 P 355/395 P 101/229 P 102/217 P 103/127	2 10 4 8 8 8	40	42	735115590115 W	
1.42	M/0/0103	HEX. HD. SCREW M12 x 60 (CAD. PLATED)	IS: 1364, S-8.8 <u>C&D. NO.</u> R 114/147 R 353/555 R 101/255 R 102/255	01 <u>QTY/ C&D</u> 8 2 12 12	P 101/216 P 102/204 P 114/239 P 353/456	12 8 8 2	30	34	730458100115 W	
1.43	M/0/0104	HEX. HD. SCREW M12 x 65 (CAD. PLATED)	IS: 1364, S-8.8	01	R 317/231	2	--	2	730410400115 W	
1.44	M/0/0266	HEX. HD. SCREW M12 x 70 (CAD. PLATED)	IS: 1364, S-8.8	01	P 311/643 P 353/455 R 353/554	8 2 2	10	2	253360460115 W	
1.45	M/99/0021	HEX. HD. SCREW M14 x 25 (CAD. PLATED)	IS: 1364, S-8.8	01	R109/013	12	--	12	735147060115 K	

CATEGORY “M” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
1.46	M/0/0107	HEX. HD. SCREW M14 x 35 (CAD. PLATED)	IS: 1364, S-8.8	01	P 311/213 P 348/321 P 353/088 R 311/196 R 348/262 R 354/167	28 32 16 4 32 16	76	52	735144100115 B	
1.47	M/0/0108	HEX. HD. SCREW M14 x 40 (CAD. PLATED)	IS: 1364, S-8.8 <u>C&D. NO</u> R 101/227 R 114/420 R 102/227	01 <u>QTY/ C&D</u> 2 12 2	P 311/243 P 353/454 R 114/229 R 311/243 R 353/553 R 109/087	16 4 12 16 4 24	20	72	735144080115 W	
1.48	M/99/0179	HEX. HD. SCREW M14 x 45 (CAD PLATED)	IS: 1364, S-8.8	01	R316/040	8	--	8	735139080115 W	
1.49	M/0/0110	HEX. HD. SCREW M14 x 50 (CAD. PLATED)	IS: 1364, S-8.8	01	P 311/438 P 358/296 R 174/346 R 356/069 R 162/369	12 4 3 4 3	16	10	735148340115 W	
1.50	M/0/0111	HEX. HD. SCREW M14 x 60 (CAD. PLATED)	IS: 1364, S-8.8	01	P 348/324 R 311/059 R 114/228	6 24 8	6	32	735147430115 W	
1.51	M/0/0112	HEX. HD. SCREW M14 x 65 (CAD. PLATED)	IS: 1364, S-8.8	01	P 311/584 P 311/589 P 311/620 P 316/024	4 4 4 8	20	--	730412100115 W	
1.52	M/0/0267	HEX. HD. SCREW M14 x 75 (CAD. PLATED)	IS: 1364, S-8.8	01	R 114/227 R 357/533	16 8	--	24	735140070115 W	
1.53	M/99/0037	HEX. HD. SCREW M14 x 80	IS: 1364, S-8.8	01	P 114/358	6	6	--	739868230115 W	

CATEGORY "M" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
		(CAD. PLATED)								
1.54	M/0/0153	HEX. HD. SCREW M14 x 90 (CAD. PLATED)	IS: 1364, S-8.8	01	P 101/272 P 102/260 R 101/296 R 102/296 R 114/413	2 2 2 2 8	4	12	735149010115 W	
1.55	M/0/0115	HEX. HD. SCREW M16 x 30 (CAD. PLATED)	IS: 1364, S-8.8	01	P 357/187 P 357/266	2 2	4	--	735143800115 W	
1.56	M/0/0116	HEX. HD. SCREW M16 x 35 (CAD. PLATED)	IS: 1364, S-8.8	01	P 233/012 P 353/393 P 353/513 P 364/033 R 233/015 R 353/487 R 353/518 R 364/029	3 4 6 6 3 4 6 6	19	19	735147180115 W	
1.57	M/0/0117	HEX. HD. SCREW M16 x 40 (CAD. PLATED)	IS: 1364, S-8.8	01	P356/306 R 311/239 R 315/297	10 4 16	10	20	735137260115 W	
1.58	M/0/0118	HEX. HD. SCREW M16 x 45 (CAD. PLATED.)	IS: 1364, S-8.8	01	P 311/514 R 314/906 R 311/356	10 2 4	10	6	735119000115 W	
1.59	M/0/0199	HEX. HD. SCREW M16 x 50 (CAD. PLATED)	IS: 1364, S-8.8 C&D. NO. R 311/280 R 354/360	01 <u>QTY/ C&D</u> 20 4	P 303/596 P 311/480 P 348/607 P 357/032 P 357/172 P 354/258	4 20 8 4 6 4	46	24	730456030115 W	
1.60	M/0/0012	HEX. HD. SCREW	IS: 1364,	01	P 211/060	48	130	4	730413850115 W	

CATEGORY “M” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
		M16 x 60 (CAD. PLATED)	S-8.8 <u>C&D. NO</u> P 117/015 R 314/685	<u>QTY/ C&D</u> 2 4	P 303/679 P 306/030 P 311/212 P 311/479	8 32 8 32				
1.61	M/0/0203	HEX. HD. SCREW M16 x 65 (CAD. PLATED)	IS: 1364, S-8.8	01	P 311/586 P 311/622 R 109/055 R 314/322	8 8 4 4	16	8	71531060115 W	
1.62	M/0/0192	HEX. HD. SCREW M16 x 90 (CAD. PLATED)	IS: 1364, S-8.8	01	P 114/375	2	2	--	735143780115 W	
1.63	M/90/0051	HEX. HD. SCREW M20 x 35 (CAD. PLATED)	IS: 1364, S-8.8	01	P 222/151	16	16	--	739872930115W	
1.64	M/90/0046	HEX. HD. SCREW M20 x 40 (CAD. PLATED)	IS: 1364, S-8.8	01	P 353/539 P 222/146	2 16	18	--	739871160115W	
1.65	M/0/0121	HEX. HD. SCREW M20 x 50 (CAD. PLATED)	IS: 1364, S-8.8	01	P 311/436 P 311/207	8 16	24	--	735145500115 W	
1.66	M/0/0162	HEX. HD. SCREW M20 x 55 (CAD. PLATED)	IS: 1364, S-8.8	01	P 211/058	72	72	--	730417620115 W	
1.67	M/99/0038	HEX. HD. SCREW M20 x 60 (CAD. PLATED)	IS: 1364, S-8.8	01	R 311/051	8	--	8	735139210115 K	
1.68	M/90/0032	HEX. HD. SCREW M20 x 65 (CAD. PLATED)	IS: 1364, S-8.8	01	P 311/459	16	16	--	735122050115 W	
1.69	M/99/0039	HEX. HD. SCREW	IS: 1364,	01	R 311/061	16	--	16	735122540115 K	

CATEGORY “M” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
		M20 x 70 (CAD. PLATED)	S-8.8							
1.70	M/0/0123	HEX. HD. SCREW M24 x 60 (CAD. PLATED)	IS: 1364, S-8.8	01	P 316/005 R 316/004	12 12	12	12	735148100115 W	
1.71	M/0/0124	HEX. HD. SCREW M24 x 65 (CAD. PLATED)	IS: 1364, S-8.8	01	P 311/457 R 311/063	10 14	10	14	730422490115 W	
1.72	M/90/0040	HEX. HD. SCREW M24 x 70 (CAD. PLATED)	06/4/15/76, Alt-Nil	01	P 222/089	8	8	--	739856000115 W	
1.74	M/0/0352	HEX. HD. SCREW ½” UNC x 1½” Lg. (CAD PLATED)	BS: 1768, GR-S	01	P 303/736 R 314/712	6 6	6	6	739868790115 W	
1.75	M/0/0356	Hex. Hd. Screw M6 x 50/50 (Cad. Pl)	IS: 1364 S-8.8	01	R 101/263	8	--	8		
1.76	M/0/0153	Hex. Hd. Screw M14 x 70 (Cad. Pl)	IS: 1364 S-8.8	01	P 114/762 R 114/414	16 16	16	16		
2	M/S/0002	SET OF HEX. HEAD BOLT	CLW/TS/M/ 0002, ALT-2	03	----	----	1 L/Set	1 L/Set		
2.1	M/99/0248	HEX. HD. BOLT M8 x 20 (CAD. PLATED)	IS: 1364, S-8.8	01	R 346/243 R 349/523	28 20	--	48	739873230115W	
2.2	M/99/0246	HEX. HD. BOLT M8 x 25 (CAD. PLATED)	IS: 1364, S-8.8	01	P 342/169	12	12	--	730405870115W	
2.3	M/90/0044	HEX. HD. BOLT M8 x 30 (CAD. PLATED)	IS: 1364, S-8.8	01	P 321/056	16	16	--	739869870115W	

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
2.4	M/0/0003	HEX. HD. BOLT M8 x 70 (CAD. PLATED)	IS: 1364, S-8.8	01	P 303/249 P 313/031 P 366/234 P 303/567 P 353/514 R 353/024	2 24 1 4 2 2	33	2	730407010115 W	
2.5	M/0/0004	HEX. HD. BOLT M10 x 35 (CAD. PLATED)	IS: 1364, S-8.8	01	P 114/386	8	8	--	735144570115 W	
2.6	M/99/0247	HEX. HD. BOLT M10 x 40/25 Thd. (CAD. PLATED)	IS: 1364, S-8.8	01	R 312/073	24	--	24	739869990115W	
2.7	M/0/0211	HEX. HD. BOLT M10 x 65 (CAD.PLATED)	IS: 1364, S-8.8	01	R 123/005	8	--	8	735162350115 W	
2.8	M/0/0214	HEX. HD. BOLT M10 x 75 (CAD. PLATED)	IS: 1364, S-8.8	01	P 114/407	6	6	--	730408970115 W	
2.9	M/90/0054	HEX. HD. BOLT M10 x 80 (CAD. PLATED)	IS: 1364, S-8.8	01	P 104/118	8	8	--	738183920115 K	
2.10	M/0/0235	HEX. HD. BOLT M10 x 85 (CAD. PLATED)	IS: 1364, S-8.8	01	P 114/392	8	8	--	739852110115 W	
2.11	M/90/0035	HEX. HD. BOLT M10 x 115/30 (CAD. PLATED)	IS: 1364, S-8.8	01	P 315/012	16	16	--	739867700115 W	
2.12	M/99/0058	HEX. HD. BOLT M14 x 55 (CAD. PLATED)	IS: 1364, S-8.8	01	P 348/277	6	--	6	730456390115 W	

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
2.13	M/90/0031	HEX. HD. BOLT M16 x 50/35 (CAD. PLATED)	IS: 1364, S-8.8	01	R 348/265	44	--	44	739867680115 W	
2.14	M/99/0245	HEX. HD. BOLT M16 x 60 (CAD. PLATED)	IS: 1364, S-8.8	01	P 117/015 P 311/479 R 311/247 R 117/015	2 32 32 2	34	34	730414030115 W	
2.15	M/90/0014	HEX. HD. BOLT M16 x 65 CAD. PLATED)	IS: 1364, S-8.8	01	P 109/058	4	4	--	730468510115 W	
2.16	M/0/0013	HEX. HD. BOLT M16 x 70/45 (CAD. PLATED)	IS: 1364, S-8.8	01	R 317/239	4	--	4	730468510115 W	
2.17	M/0/0014	HEX. HD. BOLT M16 x 75 (CAD. PLATED)	IS: 1364, S-8.8	01	P 355/426	8	8	--	730456150115 W	
2.18	M/0/0353	HEX. HD. BOLT M16 x 90/45 (CAD. PLATED)	IS: 1364, S-8.8	01	R 312/115 P 312/066	8 8	8	8	730414520115 W	
2.19	M/0/0016	HEX. HD. BOLT M16 x 110/42 (CAD. PLATED)	IS: 1364, S-8.8	01	R 317/230	8	--	8	730414500115 W	
2.20	M/90/0030	HEX. HD. BOLT M18 x 70 (CAD. PLATED)	IS: 1364, S-8.8	01	P 222/107	32	32	--	739851560115 W	
2.21	M/90/0049	HEX. HD. BOLT M20 x 60 (CAD. PLATED)	IS: 1364, S-8.8	01	P 222/152	32	32	--	739873110115W	
2.22	M/99/0200	HEX. HD. BOLT M20 x 75/45 (CAD. PLATED)	IS: 1364, S-8.8	01	P 317/081 R 317/236	24 36	24	36	739802620115 W	

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
2.23	M/90/0048	HEX. HD. BOLT M22 x 115 (CAD. PLATED)	IS: 1364, S-8.8	01	P 222/148	8	8	--	739874140115 W	
2.24	M/0/0020	HEX. HD. BOLT M24 x 75 (CAD. PLATED)	IS: 1364, S-8.8	01	P 316/030 R 316/026	12 20	12	20	730422620115 W	
2.25	M/90/0012	HEX. HD. BOLT M24 x 150/60 (CAD. PLATED)	IS: 1364, S-8.8	01	P 222/045	24	24	--	739800310115 W	
2.26	M/90/0047	HEX. HD. BOLT M24 x 155 (CAD. PLATED)	IS: 1364, S-8.8	01	P 222/143	24	24	--	739873000115 W	
2.27	M/90/0050	HEX. HD. BOLT (CAD. PLATED) M22 x 120 x 40	06/4/15/72, Alt-Nil	01	P 222/154	16	16	--	259868790115 W	
2.28	M/90/0055	HEX. HD. BOLT M24 x 90 (CAD. PLATED)	IS: 1364, S-8.8	01	P316/047	8	8	--		
3	M/S/0003	SET OF HEX. NUT	CLW/TS/M/ 0003, ALT-2	03	----	----	1 L/Set	1 L/Set		
3.1	M/0/0046	HEX. NUT M4 (CAD. PLATED)	IS: 1364, S-8 <u>C&D.NO.</u> R 108/291 R 111/208 R 108/171 R 118/028 R 119/160	01 <u>QTY/ C&D</u> 8 32 8 28 26	P 110/059 P 118/028 P 119/098 P 119/277 P 122/956 P 342/135 P 101/233 P 101/254 P 102/221 P 102/242	1 28 35 26 4 2 8 8 8 8 12	375	327	731159520115 W R 103/240 4 R 119/710 54 R 101/331 8 R 119/898 76 R 111/269 48	

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWINIG/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
			R 119/092 R 118/059 R 342/147 R 101/271 R 102/271	35 4 4 8 8	P 103/165 P 108/252 P 111/128 P 119/676 P 119/630	4 16 56 84 69				
3.2	M/0/0047	HEX. NUT M5 (CAD.PLATED)	IS: 1364, S-8 <u>C&D.NO.</u> R 119/335 R 113/047 R 358/065 R 342/105 R 346/077 R 346/163 R 355/263 R 342/105 R 354/163 R 103/131 R 355/778 R 355/825 R 355/846 R 104/043 R 109/035 R 119/155 R 119/079 R 117/038 R 111/207	01 <u>QTY/</u> <u>C&D</u> 8 8 2 4 4 6 4 8 40 4 8 4 4 8 8 12 98 4 36	P 113/047 P 114/368 P 119/272 P 119/345 P 119/085 P 109/038 P 111/127 P 117/036 P 342/231 P 354/036 P 353/135 P 313/021 P 342/231 P 346/055 P 346/035 P 353/059 P 353/121 P 353/153 P 355/572 P 355/731 P 118/129	8 6 12 4 92 4 36 4 4 4 4 12 4 6 4 2 4 12 6 6	328	288	731159400115 W P 119/617 92 R 119/697 16 R 101/321 2 R 111/268 36	
3.3	M/0/0048	HEX. NUT M6 (CAD. PLATED)	IS: 1364, S-8 <u>C&D.NO.</u>	01 <u>QTY/</u> <u>C&D</u>	P 101/227 P 102/215 P 103/137	12 12 8	461	472	731159390115 W C&D No.	Qty/ C&D.

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
		C&D.NO C&D.	P 357/148	2	P 108/251	24			P 353/281	6
		R 353/566 3	P 342/623	36	P 111/126	24			P 355/401	1
		R 353/576 1	P 364/053	48	P 110/088	4			P 355/414	4
		R 353/454 6	R 108/045	20	P 113/040	4			P 355/434	4
		R 356/193 14	R 108/159	6	P 114/555	4			P 356/270	4
		R 314/680 3	R 104/056	2	P 118/032	32			P 353/478	11
		R 354/310 4	R 111/036	32	P 119/075	70			P 119/607	102
		R 359/061 4	R 118/032	28	P 119/281	3				
		R 103/120 12	R 110/031	4	P 117/047	2				
		R 114/423 12	R 119/164	3	P 359/033	4				
		R 110/096 4	R 119/069	70	P 347/371	4				
		R 342/504 12	R 119/205	2	P 357/074	8				
		R 355/037 4	R 114/238	6	P 357/087	4				
		R 354/253 56	R 117/047	8	P 356/243	7				
		R 364/088 48	R 113/040	4	P 253/010	1				
		R 108/290 24	R 344/089	4	P 356/343	4				
		R 111/267 24	R 356/094	7	P 303/668	2				
		R 101/266 14	R 355/568	4	P 311/542	6				
		R 102/266 12	R 233/013	8	P 326/036	6				
		R 103/185 6	R 314/651	2	P 311/456	6				
			R 355/024	2	P 353/472	6				
3.4	M/0/0049	HEX. NUT M8 (CAD. PLATED)	IS: 1364, S-8	01	P 104/018	7	782	961	731199270115 W	
			<u>C&D.NO.</u>	<u>QTY/ C&D</u>	P 112/009	12				
					P 113/019	2				
		<u>C&D.NO</u> <u>QTY/ C&D</u>	P 315/344	14	P 114/327	72				
		P 303/730 2	P 356/275	2	P 114/554	3				
		P 346/032 2	P 313/034	24	P 104/111	1				
		P 357/177 2	P 354/007	18	P 118/024	12				
		P 356/196 10	P 353/281	1	P 118/074	4				
		P 357/060 28	P 342/531	14	P 119/078	34				
			P 353/464		P 119/109	8				
			P 353/278	8	P 119/285	3			R 353/515	6
			P 346/170	5	P 121/058	8			R 353/245	8
				4	P 109/054	4				

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
	M/0/0049	HEX. NUT M8 (CAD. PLATED)	P 346/121	16	P 119/371	13			R 101/222	27
			P 348/332	4	P 357/137	6			R 102/224	27
			P 353/394	6	P 303/505	12			R 348/562	4
		P 357/093 20	P 353/334	2	P 303/549	29			R 356/303	1
		P 366/124 13	P 353/375	8	P 306/230	2			R 353/448	2
		P 354/033 22	P 353/391	6	P 306/296	2			R 108/163	6
		P 303/040 11	P 356/189	4	P 308/057	10			R 103/142	20
		P 342/149 4	P 366/087	6	P 315/341	12			R 356/318	1
		P 342/234 9	P 355/153	1	P 315/355	2			R 113/089	1
		P 353/579 2	P 356/300	16	P 101/220	8			R 101/259	8
		P 321/057 16	P 355/837	2	P 102/208	8			R 102/259	8
		P 342/626 8	P 356/325	50	P 103/154	20			R 103/202	20
		P 349/524 20	P 353/307	8	P 111/125	24			R 313/077	104
			P 357/279	7	R 108/033	8			R 357/591	4
		R 349/489 16	P 357/137	6	R 108/163	4			R 357/190	7
		R 357/642 1	P 366/048	14	R 111/027	28			R 356/075	54
		R 103/163 2	P 357/009	14	R 109/051	6			R 360/024	22
		R 353/612 12	P 355/345	3	R 118/024	12			R 352/226	68
		R 110/095 3	R 355/319	2	R 108/187	4			R 353/108	8
		R 342/501 18	R 356/027	2	R 112/008	21			R 353/027	2
		R 314/859 3	R 356/264	10	R 119/168	3			R 354/160	48
		R 346/219 16	R 314/022	10	R 119/072	34				
		R 110/111 30	R 314/469	17	R 119/106	8				
		R 111/205 24	R 314/480	16	R 110/048	21				
		P 111/227 8	R 346/160	2	R 120/015	8				
		P 108/279 8	R 348/273	4	R 123/019	2				
		R 108/307 8	R 314/705	1	R 114/252	4				
		R 111/266 24	R 310/149	4	R 314/727	1				
		R 111/302 8	R 353/424	8	R 356/214	44				
		R 119/690 72	R 353/485	4	R 342/107	9				
3.5	M/0/0051	HEX. NUT M10 (CAD. PLATED)	IS: 1364, S-8	01	P 104/087	2	913	1327	731159150115 W	
				<u>QTY/</u>	P 108/152	20			R 346/041	8
					P 108/161	16			R 312/074	24

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
		C&D No. Qty/C&D	C&D. NO	C&D	P 109/032	6			R 346/084	8
		R 114/255 6	P 303/046	4	P 113/048	3			R 348/270	8
		R 101/135 2	P 303/229	2	P 114/048	170			R 354/109	2
		R 101/143 2	P 306/015	8	P 117/011	18			R 301/158	58
		R 101/150 4	P 312/043	24	P 104/108	1			R 347/171	16
		R 101/157 2	P 313/026	8	P 114/216	8			R 353/113	2
		R 101/167 1	P 315/009	8	P 114/338	8			R 314/848	6
		R 101/178 2	P 348/328	8	P 114/357	10			R 346/041	8
		R 101/185 2	P 242/025	16	P 114/428	6			R 101/218	16
		R 102/116 2	P 353/264	4	P 114/408	6			R 102/220	24
		R 102/122 2	P 242/043	16	P 104/092	4			R 302/311	14
		R 102/128 2	P 242/050	32	P 114/466	130			R 364/023	21
		R 102/135 2	P 356/373	2	P 315/053	8			R 315/359	4
		R 114/392 290	P 356/022	20	P 357/227	8			R 103/127	4
			P 365/031	4	P 357/175	6			R 113/086	2
			P 365/044	4	P 365/080	5			R 346/242	20
			P 364/022	21	P 242/009	32			R 108/272	82
			P 302/205	14	P 101/237	20			R 101/275	22
			P 347/180	6	P 102/225	20			R 102/275	20
			P 347/165	16	P 103/143	4			R 103/191	4
			P 120/520	13	P 108/233	90			R 108/023	52
			P 119/527	8	R 102/141	2			R 119/135	8
			P 114/608	22	R 102/164	2			R 114/059	8
			P 120/496	18	R 102/171	2			R 114/078	48
			P 104/117	8	R 102/178	2			R 114/124	8
			P 114/628	250	R 102/186	2			R 114/168	6
			P 114/672	60	R 102/196	2			R 114/199	402
			P 315/387	4	R 102/204	4			R 117/011	18
					R 103/095	15			R 113/048	3
					R 109/029	45				
3.6	M/0/0054	HEX. NUT M12 (CAD. PLATED)	IS: 1364, S-8	01	P 109/027	6	484	433	731105040115 W	
				<u>QTY/</u>	P 109/044	2			P 364/049	23
					P 109/050	2				

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWINIG/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
		<div><div>C&D. NO.</div><div>QTY/ C&D</div></div> <div>R 317/2284</div> <div>R 317/2332</div> <div>R 364/08723</div> <div>R 351/08516</div> <div>R 205/05748</div> <div>R 302/26932</div> <div>R 101/25236</div> <div>R 102/25236</div> <div>R 103/17816</div> <div>R 355/0194</div> <div>R 356/0602</div> <div>R 356/1292</div> <div>R 315/1768</div> <div>R 314/0394</div> <div>R 353/25710</div>	<div>C&D. NO.</div> <div>P 302/164</div> <div>P 342/228</div> <div></div> <div>R 109/024</div> <div>R 109/041</div> <div>R 109/047</div> <div>R 119/077</div> <div>R 114/087</div> <div>R 114/148</div> <div>R 114/234</div> <div>R 117/031</div> <div>R 123/003</div> <div>R 113/041</div> <div>R 310/051</div> <div>R 314/025</div> <div>R 114/348</div>	<div>C&D</div> <div>32</div> <div>12</div> <div></div> <div>27</div> <div>2</div> <div>2</div> <div>17</div> <div>74</div> <div>38</div> <div>2</div> <div>1</div> <div>8</div> <div>7</div> <div>4</div> <div>6</div> <div>2</div>	<div>P 119/083</div> <div>17</div> <div>P 101/213</div> <div>36</div> <div>P 102/201</div> <div>36</div> <div>P 103/130</div> <div>16</div> <div>P 113/041</div> <div>7</div> <div>P 114/372</div> <div>10</div> <div>P 114/385</div> <div>8</div> <div>P 311/644</div> <div>8</div> <div>P 117/031</div> <div>1</div> <div>P 114/240</div> <div>32</div> <div>P 205/024</div> <div>48</div> <div>P 312/071</div> <div>48</div> <div>P 314/016</div> <div>2</div> <div>P 315/350</div> <div>8</div> <div>P 303/039</div> <div>4</div> <div>P 353/375</div> <div>6</div> <div>P 353/396</div> <div>4</div>			<div>P 242/050</div> <div>16</div> <div>P 357/089</div> <div>4</div> <div>P 353/463</div> <div>10</div> <div>P 242/072</div> <div>32</div> <div>P 242/011</div> <div>32</div> <div>P 317/043</div> <div>6</div> <div>P 356/369</div> <div>2</div> <div>P 114/646</div> <div>12</div> <div>P 114/663</div> <div>12</div>		
3.7	M/0/0055	<div>HEX. NUT M14 (CAD. PLATED)</div> <div><div>C&D. NO.</div><div>QTY/ C&D.</div></div> <div>R 101/29068</div> <div>R 102/29174</div> <div>R 103/21224</div>	<div>IS: 1364, S-8</div> <div>C&D. NO.</div> <div>R 102/228</div> <div>2</div> <div>R 114/344</div> <div>36</div> <div>R 114/230</div> <div>36</div> <div>R 348/278</div> <div>6</div> <div>R 354/168</div> <div>16</div> <div>R 356/070</div> <div>4</div> <div>R 316/065</div> <div>8</div> <div>R 353/560</div> <div>4</div> <div>R 101/228</div> <div>2</div> <div>R 302/324</div> <div>16</div> <div>R 109/088</div> <div>24</div>	<div>01</div> <div>QTY/ C&D</div> <div>2</div> <div>36</div> <div>36</div> <div>6</div> <div>16</div> <div>4</div> <div>8</div> <div>4</div> <div>2</div> <div>16</div> <div>24</div>	<div>P 101/266</div> <div>68</div> <div>P 102/255</div> <div>74</div> <div>P 103/182</div> <div>24</div> <div>P 114/361</div> <div>6</div> <div>P 316/063</div> <div>12</div> <div>P 315/211</div> <div>12</div> <div>P 316/023</div> <div>12</div> <div>P 348/325</div> <div>6</div> <div>P 356/297</div> <div>4</div> <div>P 353/462</div> <div>4</div> <div>P 242/063</div> <div>32</div> <div>P 242/076</div> <div>64</div> <div>P 366/154</div> <div>4</div> <div>P 302/218</div> <div>16</div>	338	320	731159050115 W		
3.8	M/0/0056	<div>HEX. NUT M16 (CAD. PLATED)</div>	<div>IS: 1364, S-8</div>	<div>01</div>	<div>P 104/055</div> <div>4</div> <div>P 114/378</div> <div>2</div> <div>P 222/072</div> <div>32</div>	225	117	731105530115 W		

CATEGORY “M” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
			C&D. NO. P 117/016 P 354/261 R 364/037 R 104/035 R 117/016 R 314/323 R 233/016 R 348/266 R 355/050 R 315/298 R 314/686 R 317/240 R 354/363 R 353/488 R 314/907	QTY/ C&D 2 4 6 4 2 8 3 44 8 4 12 4 4 2	P 303/680 P 303/597 P 353/394 P 311/515 P 353/514 P 233/013 P 314/008 P 348/318 P 364/034 P 312/067 P 242/014 P 357/263 P 357/173 P 355/427	8 4 4 6 6 3 8 44 6 8 64 6 6 8				
3.9	M/0/0314	HEX. NUT M18 (CAD. PLATED)	IS: 1364, S-8	01	P 222/108 P 316/007	32 32	64	---	731158970115 W	
3.10	M/99/0040	HEX. NUT M20 (CAD. PLATED)	IS: 1364, S-8	01	P 353/540 P 222/153 R 317/179	2 32 52	34	52	731158480115 K	
3.11	M/90/0052	LOCK NUT BM22 (CAD. PLATED)	IS: 7002-10	01	P 222/150	8	8	---	M/90/0052015 W	
3.12	M/90/0053	LOCK NUT BM24 (CAD. PLATED)	IS: 7002-10	01	P 222/145	24	24	---	M/90/0053015 W	
4	M/S/0004	SET OF HEX. HEAD SCREW	CLW/TS/L/ 0015, Alt-1	03	----	----	1 L/Set	1 L/Set		
4.1	M/0/0358	HEX. HD. SCREW	IS: 1364,	01	P 119/074	28	82	50		

CATEGORY “M” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
		M4 x 30 (CAD. PLATED)	S-8.8		P 119/473 P 108/245 R 108/284 P 119/588 R 119/668	12 8 16 34 34				
4.2	M/0/0359	HEX. HD. SCREW M8 x 60 (CAD. PL)	IS: 1364, S-8.8	01	P 119/284 R 119/167	1 1	1	1		
4.3	M/0/0360	HEX. HD. SCREW M12 x 22 (CAD. PLATED)	IS: 1364, S-8.8	01	P 119/051 R 109/048	2 2	2	2		
4.4	M/0/0361	HEX. HD. SCREW M12 x 80 (CAD. PLATED)	IS: 1364, S-8.8	01	P 114/562 P 114/599 R 114/151	12 6 18	18	18		
4.5	M/90/0056	HEX. HD. SCREW M12 x 170 (CAD. PLATED)	IS: 1364, S-8.8	01	P 114/662	12	12	--		
4.6	M/99/0249	HEX. HD. SCREW M12 x 200 (CAD. PLATED)	IS: 1364, S-8.8	01	R 114/090	4	--	4		
4.7	M/99/0250	HEX. HD. SCREW M12 x 225 (CAD. PLATED)	IS: 1364, S-8.8	01	R 114/091	4	--	4		
4.8	M/0/0362	HEX. HD. SCREW M14 x 18 (CAD. PLATED)	IS: 1364, S-8.8	01	P 109/013 P 113/033 R 113/033	20 10 10	30	10		
4.9	M/0/0363	HEX. HD. SCREW M14 x 120 (CAD. PLATED)	IS: 1364, S-8.8	01	P 101/265 P 102/254 P 103/181 R 101/289 R 102/290 R 103/211	32 35 12 32 35 12	79	79		

CATEGORY “M” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
4.10	M/90/0057	HEX. HD. SCREW M16 x 30 (CAD. PLATED)	IS: 1364, S-8.8	01	P 222/048	32	32	--		
4.11	M/90/0058	HEX. HD. SCREW M18 x 65 (CAD. PLATED)	IS: 1364, S-8.8	01	P 311/329 P 311/447	4 12	16	--		
4.12	M/0/0364	HEX. HD. SCREW ½” UNC Thd.x 1”Lg. (CAD. PLATED)	BS: 1768, GR.-S	01	P 353/461 R 353/559	2 2	2	2		
5	M/S/0005	SET OF HEX. HEAD BOLT	CLW/TS/L/ 0016	03	----	----	1 L/Set	1 L/Set		
5.1	M/0/0365	HEX. HD. BOLT M5 x 100/25 (CAD. PLATED)	IS: 1364, S-8.8	01	P 119/271 R 119/154	2 2	2	2		
5.2	M/0/0366	HEX. HD. BOLT M12 x 200/70 (CAD. PLATED)	IS: 1364, S-8.8	01	P 114/384 R 123/002	8 8	8	8		
5.3	M/99/0251	HEX. HD. BOLT M12 x 240/40(CAD. PL)	IS: 1364, S-8.8	01	R 310/060	4	--	4		
5.4	M/90/0059	HEX. HD. BOLT M22 x 110/35(CAD. PL)	06/4/15/75, Alt- Nil	01	P 222/052	8	8	--		
5.5	M/0/0367	HEX. HD. BOLT M24 x 130/90 WITH CASTLE NUT (CAD. PL)	IS: 1364, S-8.8	01	P 222/070 T 302/341	16 8+8	16 8 (WAG- 9)	-- 8 (WAP- 7)		
5.6	M/0/0368	HEX. HD. BOLT M27x110/50x3P	IS:1364 S-10.9	01	P 316/043 R 316/070	16 16	16	16		

CATEGORY “O” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/SPECN. NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
1.	O/90/0001	GEAR WHEEL (65 TEETH) T.M.	RDSO'S DRG.NO. SK.DL-4372, Alt-4, SPECN. NO.- MP-O-2800.09 (REV-02), JUNE-'05	01	P 202/022	6	6	--	254201000115H	
2.	O/90/0002	PINION (16 TEETH) T.M.	RDSO'S DRG.NO. SK.DL-4373, Alt-D, SPECN. NO.- MP-O-2800.09 (REV-02), JUNE-'05	01	P 202/023	6	6	--	254201500115T	
3.	O/99/0007	GEAR WHEEL (58 TEETH) FOR HS:15250A.T.M. (HITACHI)	03/1/11/45, ALT-5 SPECN. NO.- MP-O-2800.09 (REV-02), JUNE-'05	01	R202/073	6	--	6	254200100115H	COMMON TO FM-IV BOGIE
4.	O/99/0008	PINION (23 TEETH) FOR HS:15250A.T.M. (HITACHI)	03/1/11/46, ALT-3 SPECN. NO.- MP-O-2800.09 (REV-02), JUNE-'05	01	R 202/074	6	--	6	254202030115H	--- DO ---

CATEGORY “Q” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
1.	Q/90/0004	BALLAST WEIGHT ASSLY.	06/4/31/112, ALT.-1	01	P 301/225	20	20	--		
2.	Q/99/0002	CENTRE PIVOT CASTING.	CAST STEEL IRS-M2, CI-C, GR-II, 03/4/31/49, ALT.-7	01	R 301/057	2	--	2		
3.	Q/99/0013	BOGIE FRAME	CAST STEEL RDSO Specn.No-MP.0.4900.04 & CLW Drg.Nos.- 03/1/12/38, ALT.-3 & 03/1/12/39, ALT.-1	01	R 211/002	2	--	2		

CATEGORY “R” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
1.	R/0/0005	BONDED SANDWICH MOUNTING	IRS:R-49-75 Amendment No. 1&2 Drg. No. SK.DL-2126 Alt.3 and SK.EL-4401 with RDSO SMI No. 186 Amendment No. 1& 2. Spec. No.RDSO/2014/EL/SPEC/0115 Rev. '0'.	01	P 205/002 R 205/002	6 6	6	6	251021260115 T	
2(a).	R/0/0227	HIGH TENSILE TRANSITION C.B. COUPLER WITHOUT DRAFT GEAR AS PER RDSO DRG.NO.- SK-DL-3430, ALT.-8 or latest except item nos. 18 to 20,24 to 47 along with part drg. Nos. SK-62724 alt-23 or latest, SKDL-2496 alt-6 or latest, SK-69508 alt-4 or latest, SKDL-2494 alt-17 or latest and SKDL-2495 alt-12 or latest.	RDSO'S SPECN.NO.- 56-BD-07 M.A 1 or latest.	01	P 316/048 R 316/077	2 2	2	2	25130249015 N	
2(b)	R/0/0228	HIGH CAPACITY DRAFT GEAR (Fitment suitable as per General Arrgt. Drg. No. SK-DL-3430)	PDSO's Specn No. 49-BD-08	01	P 316/046 R 316/076	2 2	2	2	251302500115N	
2(c)	R/0/0099	MODIFIED STRIKER CASTING	05/3/57/31 Alt-4	01	P 316/036 R 316/050	2 2	2	2	251305110115N	
3.	R/0/0011	CHAIN ASSEMBLY	05/4/38/20, ALT-4	01	P 346/050 R 346/069	2 1	2	1	251723590115 A	

CATEGORY "R" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
4.	R/0/0013	CHAIN ASSEMBLY	05/4/38/22, ALT-3	01	P 346/053 R 346/075	1 1	1	1	251010550115 A	
5.	R/0/0016	DOOR HINGE NO.4 (RH)	CLW/AC/114,ALT-5	01	P 349/398 P 342/200	4 2	6	--	251717560115 A	
6.	R/90/0256	HINGE NO.4 (LH)	CLW/AC/114 ALT-5	01	P 233/080	3	3	--		
7.	R/0/0015	CLAMP ASSEMBLY	07/4/36/81, ALT.-5	01	P 342/629 P 342/630 P 347/068 R 342/516 R 347/081 R 347/159	3 3 4 6 4 6	10	16	252111220115 A	
8.	R/0/0021	DOOR HANDLE	02/3/40/47,LT.-2.	01	P 342/059 P 342/196	1 1	2	--	251712520115 S	
9.	R/0/0022	DOOR LOCK ASSLY. FOR CORRIDOR DOOR WITH HANDLE SPINDLE (REF.9) 112mm LONG(L.H.)	01/1/42/45, ALT.-9. 01/2/42/53, ALT.-1	01	P 326/011 R 344/114	2 2	2	2	251704780115 K	
10.	R/0/0023	DOOR LOCK ASSLY. FOR CORRIDOR DOOR WITH HANDLE SPINDLE (REF.9) 112mm LONG (R.H.)	01/1/42/45, ALT-9 01/2/42/53, ALT-1	01	P 326/012 R 344/114	2 2	2	2	251704660115 K	
11.	R/0/0024	BODY FILTER FIXING ARRGT.	03/1/45/14, ALT-13 03/2/45/31, ALT-6 03/4/45/15, ALT-3 03/4/45/19, ALT-1 SPECN.NO.- M/EL/20/TS-6	01	P 350/017 R 350/001	24 22	24	22	251730050115 K	

CATEGORY "R" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
12.	R/0/0028	GLASS PANE	05/4/43/9, ALT-4	01	P 326/014 R 344/116	4 4	4	4	251742040115 G	
13.	R/0/0029	HINGE NO.6 WITH WASHER (R.H.)	CLW/AC/114, ALT.-5	01	P 326/010 P 347/093 P 347/156 P 321/041 R 347/067 R 344/113 R 349/520	6 4 4 6 4 6 4	20	14	251714580115 A	
14.	R/0/0031	HOOD FOR SMOOTHING REACTOR TYPE: SL-42	05/1/50/440, ALT-8 05/1/50/441, ALT-6 (REF-1 TO 27, 43, 44 & 46 TO 52) 05/3/50/292, ALT-4 SPECN.NO.- M/EL/20/TS-1	03	P 306/018 R 306/090	2sets 2sets	2sets	2sets	254007570315 G	
15.	R/0/0035	HINGE NO.5 (L.H.)	CLW/AC/114, ALT-5	01	P 355/164 P 355/175 P 306/105 R 355/260 R 306/151 R 355/775 R 355/816 R 355/851	6 6 3 6 3 6 2 2	15	19	254009520115A	
16.	R/0/0037	HINGE NO.6 WITH WASHER (L.H.)	CLW/AC/114, ALT.-5.	01	P 326/009 P 347/075 P 347/157 R 347/066 R 347/158 R 344/113	6 4 4 4 4 6	14	14	251745260115 A	

CATEGORY "R" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
17.	R/0/0040	HAND BRAKE ASSLY.	01/0/59/1, ALT-9 Along with 54 nos. part drawings. Specn No. A4/TES/799-002, ALT.3. & A4/TES/799-003, ALT.-2.	01	P 233/001 R 233/002	1 1	1	1	251400500115 K	Clubbed with 3Ph Category No. R/11/0001. MPS will be generated by Conventional Loco Wing.
18.	R/0/0042	INTER LOCK COMPLETE (L.H.)	CLW/AC/80, ALT-17	01	P 346/049 P 355/163 P 355/174 R 346/074 R 355/259 R 355/774 R 355/820 R 355/850	1 2 1 1 2 2 1 1	4	7	251722560115 K	
19.	R/0/0052	PROTECTION COVER FOR HOM SWITCH	05/1/56/2, ALT-8	01	P 355/001 R 355/064	1 1	1	1	254006540115 G	
20.	R/0/0054	ROOF LADDER	1209.10.240.030 Alt.2	01	P 346/043 R 346/065	1 1	1	1	251746290115 K	
21.	R/0/0078	SPRING ASSLY.	05/4/33/6, ALT-3 REF.1 to 4	01	P 313/009	6	6	0	254010510115 A	
22.	R/0/0084	MODIFIED SUNVISOR ARRGT. & DETAILS (RH & LH)	05/1/35/149, ALT-7	01	P 321/021 R 349/238	4 4	4 (2RH & 2LH)	4 (2RH & 2LH)	251742160115 H	
23.	R/0/0107	SAFETY GLASS PANE (FOR SIDE WALL)	03/4/44/4, ALT-5	01	P 344/038 R 344/041	12 12	12	12	254015310115 G	
24.	R/0/0137	LATERAL HYDRAULIC DAMPER	SK-VL-295, Ref.-2	01	P 222/141	4	4	--	251031430115 W	

CATEGORY "R" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
25.	R/90/0006	HYDRAULIC DAMPER (Vertical)	SK-VL-295, Ref.-1	01	P 222/142	8	8	--	251031550115 W	
26.	R/0/0141	HITACHI GEAR CASE ASSLY.	05/1/13/166, ALT-15 05/1/13/167, ALT-5 05/1/13/169, ALT-8 05/1/13/203, ALT-1	01	P 212/001 R 212/159	6 6	6	6	251003480115 T	
27.	R/0/0193	DRY CHEMICAL POWDER FIRE EXTINGUISHER ALONGH WITH MOUNTING ARRGT.	06/2/38/3, ALT-4 REF-1 to 3, 8 & 11 (For WAG-7) REF-1 to 3, 8 & 10 to 13 (For WAP-4)	01	P 346/174 R 346/193	4 4	4	4	234076080115 K	
28.	R/0/0208	SEVEN PLEATES LEATHER BELLOW	SK-EL-4583, ALT-2 SPECN.NO. E-7/06 (REV.2)	01	P 205/027 R 205/083	6 6	6	6	251006580115 G	
29.	R/90/S/0259	SET OF SPRING FOR WAG-7 LOCO	---	03	---	1L/Set t	1L/Set	--		
(I)	R/90/0004	PRIMARY SPRING (OUTER)	SK.VL-039, ALT.-5 & Tech.SPECN No.-MP.0.4900.12 (Rev.1) July 2008	01	P 222/127	16	16	--	259811220115 T	
(II)	R/90/0005	PRIMARY SPRING (INNER)	SK.VL-037, ALT.-5 & Tech.SPECN No.-MP.0.4900.12 (Rev.1) July 2008	01	P 222/128	16	16	--	259811100115 T	
30.	R/90/0095	LIFTING ARRGT.	06/3/10/3, ALT.-5. 06/3/10/4, ALT.-3. CLW/AC/112, ALT-3	01	P 200/003	8	8	--	251008040115 S	
31.	R/90/0078	CAB INSULATION	05/1/35/90, ALT-7, REF.-1 & 2, SPECN. NO.- DC/TES/862/1/A, ALT-2, (SHEET.-3)	01	P 349/320	1	1	--	251721530315 A	

CATEGORY "R" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
32.	R/90/0112	RUBBER BUSH ASSEMBLY	06/2/15/49, ALT-1 Ref. 1 & 2	01	P 222/164	2	2	--	251032100115 T	
33.	R/90/0247	BUSH (STEEL)	06/2/15/49 Alt-Nil Ref.3	01	P 222/166	2	2	---	253740470115T	
34.	R/90/0159	PACKING WASHER 200 O/D x 130 I/D x 1Thk.	IS:5986, Fe-410	01	P 222/093	2	2	--	739867930115 A	
35.	R/90/0207	HANDLE ASSLY.	05/4/39/85, ALT-2	01	P 342/117 R 342/440	1 3	1	3	251712640115 S	
36.	R/0/0187	Mn. STEEL LINERS	05/3/12/190, ALT.-5, REF.-2.	01	P 222/073 R 211/756	8 32	8	32	259830150115 S	Mn. Liners (Cat. Nos.-R/0/0187&0188) to C&D Nos.-P201/014 @24 Nos. /loco and P201/015 @48 Nos
37.	R/0/0188	Mn. STEEL LINERS	05/3/12/190, ALT.-5. REF.-1.	01	P 311/145 R 211/755	28 24	28	24	259830270115 S	/loco(WAG-7),C&D Nos.-R201/012 @ 48 loco and R201/013 @24 Nos./loco (WAP-4) as per Assly. Drg. No-6/1/11/6P & 03/1/11/7 will be fitted on Shop Mfgd. Axle Box Housing. Hence, procurement action will be taken according to requisition placed on Steel Foundry for Shop made Axle Box Housing in order to avoid excess stock. For trade-purchased Axle Box Housing,these items are coming along with Assembled Axle Box Housing. Similarly, procurement action against other C&D Nos. will be taken as usual since the same are not components of Axle Box Housing.

CATEGORY “R” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
38.	R/90/0020	1) AXLE BOX ASSLY. Complete with Roller Bearing & Other Fittings.	M/EL/30/8, ALT.-3	03	P 201/000	12 Sets	12Sets	--	250106820315 T	
39.	R/90/0208	BUSH	06/2/31/106, REF-2, ALT-1	01	P 301/238	2	2	--	259857840115 T	
40.	R/90/0119	CENTRE PIVOT ASSLY.	06/2/31/106, ALT-1	01	P 301/222	2	2	--	251005660115 T	
41.	R/90/0156	SIDE STOPPER	06/3/15/47, ALT-2	01	P 222/106	4	4	--	251050850115 G	
42.	R/90/0162	CENTRE BLOCK ASSEMBLY	06/2/15/59, ALT-NIL	03	P 222/109	2 Sets	2 Sets	--	251050970315 T	

CATEGORY “R” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
43.	R/90/0158	SIDE BEARER	SKVL-127 Spec. No.VL-03 for imported & SKVL-133 STR No.VL-02 for indigenous	01	P 222/158	8	8	--	251032220115 T	Max. 15% Indigenous may be procured of total procurement as per RDSO Letter No.EL/3.2.13/6 dtd.06.01.2011 against Drg. No.SKVL-133, STR No.VL-02 with immediate effect. Drg. No. for Indigenous to be added. SKVL-127 Spec. No.VL-03 for imported & SKVL-133 STR No.VL-02 for indigenous
44.	R/90/0155	HOLDING BKT. ASSLY. (FOR SIDE BUFFER)	06/2/15/46, ALT.-2	01	P 222/105	4	4	--	251306400115 B	
45.	R/90/0084	EQUALISER SPRING SEAT ASSLY.	06/3/15/63, ALT-Nil	01	P 222/120	8	8	--	251001660115 N	
46.	R/90/0114	STOPPER BOTTOM	06/3/15/51, ALT-2	01	P 222/087	2	2	--	251007860115 B	

CATEGORY "R" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
47.	R/99/0001	BOLSTER FRICTION DEVICE (PISTON ASSLY.)	GMC'S USA Pt. No.- 8232135 & CLW DRG.NO.- 03/2/16/2, ALT.-8	01	R223/002	4	--	4	251002690115 T	
48.	R/99/0002	SPRING BOLSTER FRICTION DEVICE	03/4/16/3, ALT.-6	01	R 223/003	4	--	4	250400800115 T	
49.	R/99/S/0218	SET OF SPRING FOR WAP-4 LOCO	---	03	---	1L/Set	--	1L/Set		
(I)	R/99/0003	PRIMARY SPRING	SK-DL-3472, ALT-6 & Tech.SPECN No.- MP.0.4900.12 (Rev.1) July 2008	01	R 222/020	24	--	24	250400660115 T	
(II)	R/99/0004	SECONDARY SPRING	SK-DL-3473, ALT-7 & Tech.SPECN No.- MP.0.4900.12 (Rev.1) July 2008	01	R 223/001	16	--	16	250400780115 T	
50.	R/99/0007	PIVOT LINER VERTICAL (HALF RING)	GMC-USA, Pt. No.- 9330489 & CLW DRG. NO.- 03/4/12/2, ALT.-4	01	R 211/019	4	--	4	251001800115 T	
51.	R/99/0008	PIVOT LINER HORIZONTAL (WEAR PLATE)	GMC-USA, Pt. No.- 8253870 & CLW DRG. NO.- 03/4/12/1, ALT-4	01	R 211/020	2	--	2	251001910115 T	
52.	R/0/0215	OIL HOLE PLUG (For Wheel)	06/4/11/7, ALT-3	01	P 202/009 R 202/095	12 12	12	12	250609340115 N	
53.	R/90/0211	NOSE BRACKET LINER	06/4/12/18, ALT-3	01	P 211/032	24	24	--	259856440115 S	

CATEGORY "R" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
54.	R/99/0009	AXLE BOX COMPLETE WITH BEARING AND FITTINGS.	CLW'S DRG. NO.- 03/1/11/7, ALT-7, SPECN. NO.- M/EL/30/9, ALT-2	03	R 201/004	12 Sets	--	12 Sets	250102700315 T	
55.	R/99/0168	PIPE HFS-310 101.6 O/D x 5Thk. X 70 Lg.	03/1/12/38, Ref-6, Alt-NIL 03/1/15/47, Ref-6, Alt-Nil	01	R 211/985 R 222/122	24 24	--	48	252365190115 N	
56.	R/99/0169	PIPE HFS-310 127 O/D x 5.4Thk. x 70 Lg.	03/1/12/38, Ref.7, Alt.-NIL 03/1/12/40, Ref.8, Alt.-NIL	01	R 211/086 R 211/993	16 16	--	32	252365200115 N	
57.	R/90/0128	SHEAVE FOR HAND BRAKE	01/4/59/71, ALT-8	01	P 233/031 R 233/042	3 3	3	3	251421610115 N	Clubbed with 3Ph Category No. R/11/0003. MPS will be generated by Conventional Loco Wing.
58.	R/99/0017	DUST GUARD	03/4/31/50, ALT-2	01	R 301/058	2	--	2	251200130115 K	
59.	R/99/0047	CAB INSULATION	03/1/35/119, ALT-1 (REF-1&2) SPECN.NO.- DC/TES/862-1/A, ALT-2 (SHEET-3)	01	R 349/234	1	--	1	251747820115 T	
60.	R/0/0183	DAMPING NET WORK FRAME	03/2/50/50P, ALT-5	01	P 306/004	1	1	--	251746420115 T	
61.	R/99/0159	WIND SCREEN ASSLY.	CLW/MS/3/027 Alt.6 1209-08.130.263 Alt.3	01	P 349/442 R 349/483	4 4	4	4	261702920315 G	Procurement will be done by three phase loco wing clubbing the requirements of this Category to their Cat. No.-R/9/0027.

CATEGORY “R” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
62.	R/99/0195	DRIVERS' SEAT & PEDESTAL ASSLY.	1209-08-131-010, Alt-6	01	P 346/186 R 346/246	4 4	4	4	261700480115 Q	Procurement will be done by three phase loco wing clubbing the requirements of this Category to their Cat. No.-R/9/0024.
63.	R/0/0174	MAIN RESERVOIR (203 LTRS.)	0/3/65/234, ALT-11	01	P 315/267 R 315/309	4 1	4	1	251646480115 T	Manufacturing Spares need not to be considered.
64.	R/99/0098	RESERVOIR ASSLY. Capacity 150 ltrs.	0/3/65/136P ALT-9, REF-9	01	R 315/304	4	--	4	251646500115 T	--Do--
65.	R/0/0175	CONTROL RESERVOIR ASSLY (53 LTRS)	0/3/65/136 P, ALT-9, REF-1.	01	P 315/328 R 315/313	1 1	1	1	251646240115 H	--Do—
66.	R/99/0158	624 CU. MM RESERVOIR (10 LTRS.)	03/3/65/83P, ALT-3	01	R 315/344 P 315/376	1 1	1	1	251647030115 S	--Do--
67.	R/0/0200	FLANGE FOR BELLOW HOLDING PLATE	03/4/25/4, ALT-8	01	P 205/022 R 205/011	12 12	12	12	251050500115 H	
68.	R/0/0201	AXLE COLLAR	05/4/11/107, ALT-6	01	P 202/004 R 202/078	6 6	6	6	250620620115 N	
69.	R/0/0202	BILINGUISTICAL MAKER'S NAME PLATE	05/2/65/131, ALT-5	01	P 361/002 R 361/055	2 2	2	2	256752800115 N	
70.	R/90/0105	AIR INLET GUARD ASSLY.	06/2/52/3, ALT-3	01	P 365/062	1	1	--	254018280115 N	
71.	R/90/0106	FOOT STEP POCKET ON UNDER FRAME	06/3/65/30 P, ALT-2	01	P 308/026	4	4	--	251201770115 N	
72.	R/90/0109	STOPPER FOR LADDER	03/4/38/68, ALT-1	01	P 346/048 R 346/079	4 2	4	2	251007980115 B	

CATEGORY "R" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
73.	R/90/0117	FOOT STEP ARRANGEMENT	06/1/65/49, ALT-3	01	P 351/068	4	4	--	251201890115 N	
74.	R/90/0125	COMPLETE BRAKE GEAR ARRGT. (WAG-7)	06/1/19/108, ALT-4(Sheet-1) & 06/2/19/108, ALT-NIL (Sheet-2)	03	P 232/325	2 Sets	2 Sets	--	251401030315 H	
75.	R/99/0122	COMPLETE BRAKE GEAR ARRGT. (WAP-4)	03/1/19/36, ALT-16 03/1/19/37, ALT-5, 03/1/19/38, ALT-6 03/3/19/118, ALT-1	03	R 232/001	2 Sets	--	2 Sets	251401150315 H	
76.	R/90/0127	ARRGT. OF CORRIDOOR DOOR (L.H. & R.H.) Except GLASS PANE & RUBBER PROFILE	05/1/43/10, Alt.-8	03	P 326/000	2 (L.H.) 2 (R.H.)	2 Sets	--	251747570115 T	
77.	R/90/0083	SAND BOX ASSLY. (WAG-7)	06/1/60/32, Alt- 6	01	P 310/060	4 (L.H.) 4 (R.H.)	4 (L.H.) 4 (R.H.)	--	250712700115 N	
78.	R/99/0161	SAND BOX ASSLY. (WAP-4)	03/1/60/33, Alt.- 2	01	R 310/067 R 310/068	2 (L.H.) 2 (R.H.)	--	2 (L.H.) 2 (R.H.)	250712690315 N	
79.	R/0/0189	BATTERY BOX WITH MOUNTING ARRGT. (WAG-7)	06/1/53/12, Alt-7 06/1/53/13, Alt-5 05/1/53/118, Alt-7 (Ref-1,2,5 to10 & 12) Specn No. CLW/MS/3/154	03	P 302/166	1 Set	1 Set (2Large & 2Small)	---	256802130315 N	
80.	R/99/0171	Single Battery Box for WAP-4 Loco	03/1/53/51	01	R 302/335	2	---	2		

CATEGORY "R" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
81.	R/0/0197	CATTLE GUARD ASSLY. (WAG-7)	05/1/62/44, Alt-12 Specn No. CLW/MS/3/154	01	P 317/052	2	2	--	251200500115 N	
82.	R/0/0198	MODIFIED COW CATCHER ASSLY. (WAP-4)	03/1/62/83, Alt-6 03/1/62/84, Alt-7 Specn No. CLW/MS/3/154	01	R 317/197	2	--	2	251201040115 N	
83.	R/90/0210	FLOOR ASSLY. (WAG-7)	06/2/55/60, Alt-1	01	P 352/300	1	1	--	251747210115 N	
84.	R/99/0191	GENERAL ARRGT. OF SECURITY PANEL FOR CREW FRIENDLY LOCO. (WAP-4)	03/1/56/1, Alt-21 03/1/56/2, Alt-19 03/1/56/3, Alt-12 03/1/56/141, Alt-2 03/1/56/186, Alt-1 Specn No. CLW/MS/3/154	01	R 355/065 R 355/798 R 355/889	1	--	1	251748610115H	
85.	R/90/0236	GENERAL ARRGT. OF SECURITY PANEL FOR CREW FRIENDLY LOCO. (WAG-7)	06/1/56/154, Alt-3 06/1/56/155, Alt-1 06/1/56/156, Alt-Nil Specn No. CLW/MS/3/154	01	P 355/838	1	1	--	251748500115 H	
86.	R/99/0097	GRILL ASSLY (PROTECTION GRILL FOR WIND SCREEN)	03/1/38/99, Alt- 1	01	P 346/190 R 346/228	2LH 2RH 2LH 2RH	2LH 2RH	2LH 2RH	251746540115 H	
87.	R/0/0179	RPS COWL	05/1/63/38, Alt- 9 Specn No. CLW/MS/3/154	01	P 364/001 R 364/050	1 1	1	1	254702550115 T	
88.	R/99/0162	FLOORING ARRGT. OVER SMOOTHING REACTOR (WAP-4)	03/2/55/122, Alt.-5	01	R 352/292	1	--	1	251747330115 N	

CATEGORY "R" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
89.	R/ 0 /0216	BRACKET ASSLY. FOR SMOOTHING REACTOR	05/1/50/440, Alt-8, 05/1/50/441, Alt-7 REF.- 53	01	P 306/034 R 306/276	4 4	4	4	259200500115 N	
90.	R/99/0172	FRAME WORK FOR AC-2 CABINET with CABLE STIFFENER (WAP-4)	03/1/39/161, Alt-5 03/1/39/164, Alt-3 Specn No. CLW/MS/3/154	01	R 342/519 R 342/520	1	----	1	251746660115 H	
91.	R/90/0237	FRAME WORK FOR AC-2 CABINET Mounted with CPU. & CABLE STIFFENER (WAG-7)	06/1/39/140, Alt-7 06/1/39/142, Alt-3 Specn No. CLW/MS/3/154	01	P 342/643	1	1	----	251746290115 H	
92.	R/99/0170	BA-1, BA-2, BA-3 PANELS FRAME ASSLY with CABLE STIFFENER ARRGT. (CREW FRIENDLY LOCO)	03/1/50/122, Alt-7 03/1/50/123, Alt-6 03/1/50/126, Alt-1 03/1/50/124, Alt-5 03/1/50/125, Alt-5 03/1/50/127, Alt-2 03/1/50/179, Alt-5 03/1/50/196, Alt-4 Specn No. CLW/MS/3/154	03	P 306/392 P 306/393 P 306/394 P 306/395 P 306/396 P 306/397 R 306/413 R 306/470 R 306/491 R 306/548 R 306/374 R 306/364	1 Set 1 Set	1 Set	1 Set	254017500315 T	
93.	R/99/0174	CORRIDOR DOOR ASSLY. (WAP-4)	03/1/44/132, Alt-3	03	R 344/265 R 344/266	2 LH. 2 RH.	----	2 LH. 2 RH.	251747700115 T	
94.	R/99/0178	MOUNTING BRACKET & DETAILS OF SAFETY VALVE	03/1/34/68, Alt-2 03/2/34/63, Alt-1 03/2/34/69, Alt-4	01	R 314/824 R 314/846	1 1 1	----	1 1 1	251201650015 H	
95.	R/90/0214	MOUNTING BRACKET FOR BRAKE EQUIPT. (Below Under Frame)	06/1/ 34/20, Alt-5	01	P 315/331	1	1	----	251845700115 H	
96.	R/0/0217	STOOL ASSLY FOR T. M. BLOWER (MVMT)	05/2/54/86P, Alt.-6	01	P 312/057 R 312/099	2 2	2	2	251748120115 T	

CATEGORY “R” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
97.	R/99/0176	MOUNTING STRUCT. FOR AUX. PANEL-I	03/2/41/28,Alt-Nil	01	R 353/620	1	----	1	254801210115 T	
98.	R/99/0200	MOUNTING ARRGT. OF AUX. PANEL-2 (WAP-4)	03/3/41/33, Alt-2	01	R 353/625	1	---	1	254801100115 T	
99.	R/90/0215	MOUNTING STUCT. FOR AUX. PANEL-I	06/3/41/20, Alt-Nil	01	P 353/584	1	1	----	254017740115 T	
100.	R/90/0216	MOUNTING FRAME FOR AUX. PANEL-II	06/3/41/10, Alt-2	01	P 353/346	1	1	----	254017860115 T	
101.	R/90/0217	OIL TRAY FOR AUX. COMPRESSOR	06/3/41/16P, Alt-Nil	01	P 353/571	1	1	----	255129970115 N	
102.	R/99/0179	OIL TRAY FOR AUX. COMPRESSOR	03/3/41/1, Alt-1	01	R 353/020	1	----	1	255129850115 N	
103.	R/90/0218	OIL TRAY ASSLY (Small)	03/2/49/60, Alt-1 06/2/49/16, Alt-3	01	P 357/327 P 366/280	2 1	2 1	----	259845000115 N	
104.	R/99/0180	OIL TRAY ASSLY. (Small)	03/2/49/59, Alt-Nil 03/2/49/60, Alt-1	01	R 357/644 R 357/643	1 1	----	1 1	252701020115 N	
105.	R/90/0219	FLOORING ARRGT.	06/1/55/15, Alt.-6	03	P 352/161	1 Set	1 Set	----	254017250315 N	
106.	R/0/0219	PROTECTION COVER ASSLY. FOR T. M.	03/3/25/8, Alt.-8	01	P 205/013 R 205/022	6 6	6	6	254018300115 N	
107.	R/99/0192	CAB DOOR (LH. & RH.) FOR CREW FRIENDLY LOCO	1209-09-133-003 Alt.9 1209-09-133-004 Alt.9 Specn. No. CLW/MS/3/0013 Rev.1 Alt.3	01	P 349/432 P 349/433 R 349/630 R 349/631	2 LH. 2 RH. 2 LH. 2 RH.	2 LH. 2 RH.	2 LH. 2 RH.		Procurement will be done by three phase loco wing clubbing the requirements of this Category to their Cat. No.- R/9/0015.

CATEGORY “R” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
108.	R/99/0193	CAB WINDOW (LH. & RH.) FOR CREW FRIENDLY LOCO	1209-09-133-005 Alt.5 1209-09-133-006 Alt.5 Specn. No. CLW/MS/3/0014 Alt.5	01	P 349/434 P 349/435 R 349/632 R 349/633	2 LH. 2 RH. 2 LH. 2 RH.	2 LH. 2 RH.	2 LH. 2 RH.	261702800315 G	Procurement will be done by three phase loco wing clubbing the requirements of this Category to their Cat. No.- R/9/0017.
109.	R/99/0196	INTERLOCK ASSLY. FOR CAB SIDE DOOR	1209-09-133-021	01	P 349/437 R 349/643	4 4	4	4		Clubbed with 3Ph Cat. No. R/9/0077 for procurement
110.	R/99/0197	DOOR LATCH ASSLY. FOR CAB SIDE DOOR	1209-09-233-018	01	P 349/438 R 349/644	4 4	4	4	261700850315 P	Clubbed with 3Ph Cat. No. S/9/0022 m,, for procurement. Drawing alteration is added in Drg./Spec. and this will be followed with immediate effect.
111.	R/99/0198	STRIKING PLATE FOR CAB SIDE DOOR	1209-09-433-063 Alt.3	01	P 349/439 R 349/645	4 4	4	4	251007740115 A	
112.	R/99/0184	DRIVER'S DESK STRUCTURE (WAG-7 & WAP-4)	03/1/36/145, Alt-5 Specn No. CLW/MS/3/154	01	R 347/313 P 347/219	2 2	2	2	251746910115 T	
113.	R/90/0240	LOCKING PLATE	06/4/12/86, Alt-Nil	01	P 211/168	24	24	---	259840320115 A	
114.	R/0/0221	STD. TAPPING PAD (WAP-4)	03/4/35/380, Alt-Nil	01	P 349/443 R 349/678	4 4	4	4	252130270115 A	

CATEGORY "R" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
115.	R/99/0183	MODIFIED SPACIOUS CAB (A.C) STRUCTURE ASSLY (WAP-4)	03/1/35/311(A/C), Alt-2 03/1/35/341(A/C), Alt-2 (Except Ref-43 to 48) 03/1/35/351(A/C), Alt-1 Specn No. CLW/MS/3/154	03	R 349/681 R 349/682 R 349/683	2 Sets	----	2 Sets	251719510115 H	Offloaded @100% for 2014-15 and onwards.
116.	R/90/0234	MODIFIED SPACIOUS CAB (A.C) STRUCTURE ASSLY (WAG-7)	03/1/35/311(A/C), Alt-2 03/1/35/341(A/C), Alt-2 03/1/35/351(A/C), Alt-1 Specn No. CLW/MS/3/154	03	P 349/656 P 349/657 P 349/658	2 Sets	2 Sets	----	254016220315 H	Offloaded @100% for 2014-15 and onwards.
117.	R/90/0231	SIDE WALL ASSEMBLY (WAG-7)	06/1/44/15, Alt.-6 06/1/44/30, Alt.-5 Specn No. CLW/MS/3/154	03	P 344/115 P 344/170	2 Sets	2 Sets	----	251748240315 N	Offloaded @100% for 2014-15 and onwards.
118.	R/99/0203	SIDE WALL ASSEMBLY (WAP-4)	03/1/44/156, Alt.-10 Specn No. CLW/MS/3/154	03	R 344/318	2 Sets	----	2 Sets	251748360315 N	Offloaded @100% for 2014-15 and onwards.
119.	R/99/0182	ROOF ASSEMBLY COMPLETE (for Roof Mounted DBR) (WAP-4)	03/1/47/270, Alt-5 03/1/47/183, Alt-13 03/2/47/253, Alt-1 03/2/47/254, Alt-1 03/2/47/257,Alt- 1 03/1/44/111, Alt-1 03/1/44/112, Alt-2 Specn No. CLW/MS/3/154	03	R 348/536 R 348/416 R 348/495 R 348/501 R 348/508 R 344/234 R 344/231	1 Set	----	1 Set	254015920315 H	Offloaded @100% for 2014-15 and onwards.

CATEGORY “R” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
120.	R/90/0222	ROOF ASSEMBLY COMPLETE (WAG-7)	06/1/47/35, Alt-6 06/1/47/37, Alt-9 06/1/47/38, Alt-9 06/1/47/39, Alt-9 08/1/47/234, Alt-Nil 08/1/47/237, Alt-1 06/2/47/65, Alt-1 06/2/47/59, Alt-1 Specn No. CLW/MS/3/154	03	P 348/454 P 348/379 P 348/479 P 348/427 P 348/354 P 348/357 P 348/388 P 348/512	1 Set	1 Set	----	254015800315 H	Offloaded @100% for 2014-15 and onwards.
121.	R/90/0233	END STRUCTURE ASSLY. (WAG-7)	06/1/31/135, Alt-3 Specn No. CLW/MS/3/154	01	P 301/240	2	2	---	254016090115 H	Shop Capacity=48 Loco Sets and balance required quantity will be procured from trade for the year 2014-15 & onwards.
122.	R/99/0205	END STRUCTURE ASSLY. (WAP-4)	03/1/31/133, Alt.-7 Specn No. CLW/MS/3/154	01	R 301/253	2	---	2	254016100115 H	Shop Capacity=24 Loco Sets and balance required quantity will be procured from trade for the year 2014-15 & onwards.

CATEGORY “R” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
123.	R/90/0220	BOGIE FRAME ASSEMBLY. (WAG-7)	06/1/12/78, Alt-9 06/1/12/79, Alt-2 06/1/12/49, Alt-11 With VL-SPEC-6 (Rev.-02) April 2011 & STR No. MP.STR.VL-02.02.11 (Rev.00) April 2011	03	P 211/160 P 211/080	2 Sets	2 Sets	---	251050120315 H	
124.	R/99/0211	MACHINED BOGIE FRAME ASSLY. WITH HORN ADAPTER & PEDESTAL CAP ARRGT. (WAP-4)	03/1/12/38, ALT-3 03/1/12/39, ALT-1 03/1/12/18, ALT-10 & Spec. No:- MP.0.4900.04	01	R 211/979 R 211/013 R 211/027	2	---	2	259865450115 H	20L/Set outsourced in addition to In House Production for 2012-13 and onwards.
125.	R/99/0213	BOLSTER ARRANGEMENT (Fabricated) (WAP-4)	SK.VL-207 Alt-1 SK.VL-208 Alt-1 SK.VL-209 Alt-1 SK.VL-210 Alt-1 With VL-SPEC-6 (Rev.-02) April 2011 & STR No. MP.STR.VL-02.02.11 (Rev.00) April 2011	01	R 211/880	2	---	2	251031670115 N	
126.	R/99/0208	SPRING PAD (Primary)	SK – VL – 282	01	R 222/119	48	----	48	250406860115 S	
127.	R/99/0209	SPRING PAD (Secondary)	SK – VL – 283	01	R 222/120	32	----	32	250406980115 N	
128.	R/99/0210	PRIMARY SPRING SEAT	03/4/15/48, Alt-1	01	R 222/121	12	----	12	259867390115 B	
129.	R/0/0222	AIR DIFFUSER	1209-08.430-181, Alt- Nil	01	P 349/444 R 349/648	8 8	8	8		
130.	R/90/0241	EQUILISER (Modified)	06/2/15/62, Alt- Nil	01	P 222/119	8	8	----		In House manufacture

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
131.	R/90/0242	COMPENSATING BEAM	06/2/15/68, Alt- Nil	01	P 222/125	4	4	----		@100%. MPS not to be generated.
132.	R/90/0243	LINK	06/4/15/69, Alt- Nil	01	P 222/126	8	8	----		
133.	R/90/0244	LOUVERED PANEL FOR WAG-7 C.F LOCO (Mild Steel)	06/4/56/154 06/4/56/155 06/4/56/156 06/4/56/157 06/4/56/160	01	P 355/839 P 355/840 P 355/841 P 355/842 P 355/845	2 1 2 5 2	1 Set	----	254017620315T	Item deleted as per approval of Dy.CEE/Proj./Con. through note in file no. ELDD/3611/Super structure.
134.	R/90/0245	LOUVERED PANEL FOR WAG-7 Non C.F LOCO (Mild Steel)	06/4/56/156 06/4/56/157 06/4/56/158 06/4/56/159 06/4/56/160	01	P 355/841 P 355/842 P 355/843 P 355/844 P 355/845	2 5 1 1 3	1 Set	----		
135.	R/90/S /0223	SET OF FABRI – CATED ITEMS (WAG-7) TYPE-1 For SHOP-16	CLW/TS/R/90/ 0001, ALT-3	03	----	----	1 L/Set	----	259861700315 B	
I	---	UNLOADER VALVE BRACKET	06/3/49/13, Alt.-3	01	P 357/317	1	---	---		
II	---	AIR DRIER BRACKET	06/1/53/7 & 8, Alt.-14, Ref.-55	01	P 356/367	2	---	---		
III	---	RIB	06/1/53/7 & 8, Alt.-14, Ref.-56	01	P 356/366	2	---	---		
IV	---	PROTECTION BKT. BP. ANGLE COCK	03/2/37/43, Alt.-4	01	P 354/254	2	---	---		
V	---	DIFFERENT TYPE OF PATCH PLATE	06/1/65/19, Alt.-10	03	P 308/019, 021 to 025 & P 308/051	1 Set	---	---		

CATEGORY "R" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
136.	R/90/S /0224	SET OF FABRI – CATED ITEMS (WAG-7) TYPE-2 For SHOP-16	CLW/TS/R/90/ 0002, ALT-4	03	----	----	1 L/Set	----	254016340315 H	
I	---	DBR CHANNEL:- i) Portal Receptacle	05/4/47/524, Alt.-1	01	P 348/077	2	---	---		
II	---	ii) Portal Receptacle	05/4/47/525, Alt.-1	01	P 348/078	2	---	---		
III	---	RPS CHANNEL:- i) Channel	05/4/47/280, Alt.-1	01	P 348/103	2	---			
IV	---	ii) Channel	05/4/47/281, Alt.-1	01	P 348/104	2	---	---		
V	---	Deflector Plate	05/4/47/278, Alt.-1, Ref.-1	01	P 348/100	2	---	---		These Items are Pertaining to Shop- 12.
VI	---	Stiffening Plate	05/4/47/278, Alt.-1, Ref.-2	01	P 348/101	2	---	---		
VII	---	Rib	05/4/47/279, Alt.-1	01	P 348/102	4	---	---		
VIII	---	HORN BKT. ASSLY. (HIGH TONE)	05/4/37/20, Alt.-6	01	P 354/143	2	---	---		
IX	---	HORN BKT. ASSLY. (LOW TONE)	05/4/37/21, Alt.-7	01	P 354/142	2	---	---		
X	---	BRACKET ASSLY.	05/3/59/8, Alt-1	01	P 233/021	1	---	---		
XI	---	BRACKET ASSLY.	06/4/59/2, Alt-Nil	01	P 233/025	2	---	---		
XII	---	ROOF CENTERING DEVICE	06/2/47/59, Alt-2	01	P 348/512	10	---	---		
XIII	---	DOOR STOPPER (Large)	05/1/43/10, Alt-7, Ref.-9	01	P 346/039	8	---	---		
XIV	---	ANGLE FOR JOINT	70 x 25 x 3.15 thk x 1368 Lg. To IRS: M41	01	P 311/116	2	---	---		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
XV	---	ANGLE FOR JOINT	35 x 20 x 3.15 thk x 2120 Lg. To IRS: M41	01	P 311/117	2	---	---		
137.	R/90/S/ 0225	SET OF MOUNTING ITEMS ON U/F (WAG-7) TYPE-1 For SHOP-26	CLW/TS/R/90/ 0003, ALT-1	03	----	----	1 L/Set	----	254016460315 H	
I	---	SUPPORT ANGLE	06/4/32/43, Alt.-5	01	P 311/376	2	---	---		
II	---	RIB	06/4/32/44, Alt.-4	01	P 311/377	12	---	---		
III	---	MOUNTING STOOL FOR COMP. NO. 1	06/2/32/75, Alt.-5	01	P 311/570	1	---	---		
IV	---	MOUNTING STOOL FOR COMP. NO. 2	06/2/32/77, Alt.-4	01	P 311/391	1	---	---		
V	---	MOUNTING STOOL FOR COMP. NO. 3	06/2/32/76, Alt.-5	01	P 311/587	1	---	---		
VI	---	SUPPORT PLATE	06/4/32/45, Alt.-3	01	P 311/414	1	---	---		
VII	---	MOUNTING BASE FOR T.M. BLOWER PEDESTAL	05/3/32/325, Alt.-5	01	P 311/062	2	---	---		
VIII	---	BASE	325 x 105 x 10Thk. (Matl.-Steel to IS:2062 Fe410WC)	01	P 311/415	4	---	---		
138.	R/90/S/ 0226	SET OF MOUNTING ITEMS ON U/F (WAG-7) TYPE-2 For SHOP-26	CLW/TS/R/90/ 0004, ALT-4	03	----	----	1 L/Set	----	254017370315 N	
I	---	SUPPORT ASSLY.	06/4/32/103, Alt.-1	01	P 311/648	7	---	---		
II	---	SUPPORT PLATE	770 x 190 x 12Thk. (Matl.-Steel to IS:2062 Fe 410WC)	01	P 311/417	1	---	---		

CATEGORY “R” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
III	---	SUPPORT ASSLY.	06/4/32/102, Alt-1	01	P 311/645	7	---	---		
IV	---	PAD	60 x 60 x 50Thk. (Matl.-Steel to IS:2062 Fe 410WC)	01	P 311/602	2	---	---		
V	---	ARRGT. OF MOUNTING STOOL FOR INDUCTIVE SHUNT (SJ)	06/3/32/79, Alt.-5	01	P 311/564	3	---	---		
VI	---	SUPPORT ASSLY.	06/4/32/119, Alt.-Nil	01	P 311/682	8	---	---		
VII	---	STOOL FOR DAMPING NETWORK	06/3/32/80, Alt.-3	01	P 311/568	1	---	---		
139.	R/90/S/ 0227	SET OF MOUNTING ITEMS ON U/F (WAG-7) TYPE-3 For SHOP-26	CLW/TS/R/90/ 0005, ALT-1	03	----	----	1 L/Set	---	254017490315 N	
I	---	STOOL FOR ATFEX ASSLY.	06/3/32/78, Alt.-1	01	P 311/559	1	---	---		
II	---	MOUNTING OF EQUIPMENTS NO.-2 END FOR STATIC CONVERTER	06/2/32/115, Alt.-2	01	P 311/670	1	---	---		
III	---	SUPPORT ASSLY.	06/4/32/105, Alt.-1	01	P 311/654	1	---	---		
IV	---	SUPPORT ASSLY.	06/4/32/106, Alt.-1	01	P 311/657	1	---	---		
V	---	SUPPORT ASSLY.	06/4/32/107, Alt.-1	01	P 311/660	1	---	---		
VI	---	BASE	750 x 450 x 12Thk. (Matl.-Steel to IS:2062 Fe 410WC)	01	P 311/505	1	---	---		

CATEGORY “R” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
VII	---	BASE	770 x 400 x 12Thk. (Matl.-Steel to IS:2062 Fe 410WC)	01	P 311/506	1	---	---		
VIII	---	BASE	572 x 175 x 12Thk. (Matl.-Steel to IS:2062 Fe 410WC)	01	P 311/508	1	---	---		
IX	---	BASE	700 x 165 x 12Thk. (Matl.-Steel to IS:2062 Fe 410WC)	01	P 311/509	1	---	---		
X	---	COVER PLATE	713 x 700 x 3.15Thk. (Matl.-Steel to IRS: M-41	01	P 311/127	2	---	---		
XI	---	SUPPORT	05/4/32/266, Alt.-5	01	P 311/121	1 LH 1 RH	---	---		
XII	---	TRAP	05/4/32/54, Alt.-4	01	P 311/128	1	---	---		Note- This Item is Pertaining to Shop- 16.
140.	R/90/S/ 0228	SET OF MOUNTING ITEMS ON U/F (WAG-7) TYPE-4 For SHOP-26	CLW/TS/R/90/ 0006, ALT-3	03	----	----	1 L/Set	----	254016580315 H	
I	---	SEALING SHEET	06/4/32/52, Alt.-3	01	P 311/450	2	---	---		
II	---	BEADING	1448 x 20 x 3.15Thk. Matl.- Steel to IRS: M41	01	P 311/120	1	---	---		
III	---	FLAT	40 x 662 x 3.15Thk Matl.- Steel to IRS: M41	01	P 311/124	2	---	---		
IV	---	FLAT	40 x 700 x 12Thk. Matl.-Steel to IS:2062 Fe410WC	01	P 311/125	2	---	---		
V	---	FLAT	06/4/32/6, Alt.-4	01	P 311/123	1	---	---		

CATEGORY "R" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
VI	---	SEALING SHEET	988 x 495 x 3.15Thk Matl.- Steel to IRS: M41	01	P 311/481	4	---	---		
VII	---	GUSSET	06/4/32/66, Alt.-4, Ref.-2	01	P 311/547	3	---	---		
VIII	---	SUPPORT PLATE	570 x 400 x 12Thk. Matl.-Steel to IS:2062 Fe410WC	01	P 311/487	1	---	---		
141.	R/90/S/ 0229	SET OF FABRI – CATED ITEMS (WAG-7) TYPE-3 For SHOP-19	CLW/TS/R/90/ 0007, ALT-8	03	----	----	1 L/Set	----	254017980315 T	
I	---	STOOL FOR CONDENSER BUSHING	05/4/47/285, Alt.-5	01	P 348/109	1	---	---		
II		BRACKET ASSLY.	05/4/36/132, Alt.-2	01	P 347/026	6	---	---		
III		COVER PLATE	05/3/32/216, Alt.-3	01	P 311/466	1	---	---		
IV		SL. COVER PLATE	06/3/32/72, Alt.-3	01	P 311/453	1	---	---		
V	---	PAD	05/4/32/217, Alt.-3	01	P 311/141	16	---	---		
VI	---	WEDGE PLATE	05/4/32/42, Alt.-6	01	P 311/194	2	---	---		
VII	---	WEDGE PLATE	05/4/32/44, Alt.-6	01	P 311/112	2	---	---		
VIII	---	STOP PIECE	05/4/32/41, Alt.-5	01	P 311/113	4	---	---		
142.	R/90/S/ 0230	SET OF MOUNTING ITEMS ON U/F (WAG-7) TYPE-5 For SHOP-26	CLW/TS/R/90/ 0008 Alt.1	03	----	----	1 L/Set	----	254018410315 N	
I	---	BRACKET ASSLY. (INNER)	05/4/57/28, Alt.-7	01	P 316/018	2	---	---		

CATEGORY "R" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
II	---	BRACKET ASSLY. (OUTER)	05/4/57/27, Alt.-7	01	P 316/014	2	---	---		
III	---	SUPPORT	05/4/38/32, Alt.-4	01	P 346/044	4	---	---		
IV	---	BRACKET FOR LOCK	05/4/38/33, Alt.-5	01	P 346/045	1	---	---		
V	---	SUPPORT	05/4/32/262, Alt.-5	01	P 311/114	2	---	---		
VI	---	SUPPORT	05/4/32/265, Alt.-5	01	P 311/115	2	---	---		
143.	R/99/S/ 0185	SET OF FABRI - CATED ITEMS (WAP-4) TYPE-I For SHOP-16	CLW/TS/R/99/ 0001, Alt-3	03	----	----	----	1 L/Set	254018040315 T	
I	---	PROTECTION BRACKET FOR BP ANGLE COCK	03/2/37/43, Alt.-4	03	R 354/356	2	---	---		
II	---	PIPE SUPPORTFOR SAND EJECTOR	03/2/60/42, Alt.-4, Ref.-21	01	R 310/150	4	---	---		
III	---	Mounting Bracket for Magnetic Unloader Valve	03/3/49/61, Alt.-Nil	01	R 357/649 R 357/650	1 2	---	---		
IV	---	PIPE LAYOUT FOR BA-I & BA-2 PANEL	03/1/53/43, Alt-4 Ref.-18	01	R 356/227	3	---	---		
V	---	BA-1 & BA-2 PIPE CLIP	03/1/53/43, Alt-4 Ref.-11 & 12	01	R 356/190 R 356/191	12 13	---	---		
VI	---	PATCH PLATES	03/1/65/86, Alt-2, Ref.-1 to 9	01	R 351/043 R 351/044 R 351/045 R 351/046 R 351/048 R 351/053 R 351/089	2 2 10 20 1 3 1	---	---		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
144.	R/99/S/ 0186	SET OF FABRI – CATED ITEMS (WAP-4) TYPE-II For SHOP-16	CLW/TS/R/99/ 0002, ALT-5	03	----	----	----	1 L/Set	254016600315 H	
I	---	BRACKET	03/4/59/18, Alt.-4 Ref.-1	01	R 233/032	2	---	---		
II	---	BOSS	03/1/59/16, Alt.-6 Ref.-2	01	R 233/033	4	---	---		
III	---	PIN	03/4/59/17, Alt.-2	01	R 233/034	1	---	---		
IV	---	BRACKET	03/4/59/19, Alt- 2	01	R 233/035	1	---	---		
V	---	BRACKET	03/4/59/20, Alt.-1	01	R 233/036	1	---	---		
VI	---	RIB	03/1/59/16, Alt.-6 Ref.-8	01	R 233/037	1	---	---		
VII	---	CLEVIS	03/4/59/7, Alt.-1	01	R 233/019	1	---	---		
VIII	---	PIN	03/4/59/8, Alt.-2	01	R 233/020	1	---	---		
IX	---	RIB	03/1/59/16, Alt.-6 Ref.-15	01	R 233/040	1	---	---		
X	---	PIN	03/4/59/5, Alt.-4	01	R 233/009	2	---	---		
XI	---	MOUNTING BRACKET FOR HAND BRAKE	03/4/59/21, Alt.-1 Ref.-1	01	R 233/043	1	---	---		
XII	---	GUIDE PROFILE FOR CHAIN	03/4/59/21, Alt.-1 Ref.-2	01	R 233/044	1	---	---		
XIII	---	BRACKET	03/4/59/18, Alt.-3 Ref.-2	01	R 233/045	2	---	---		
XIV	---	COVER PLATE WITH DOOR ARRGT. FOR HAND BRAKE	03/3/55/123, Alt-4	01	R 352/315	1	---	---		
XV	---	PACKING	03/1/59/16, Alt.-6, Ref.-24	01	R 233/041	1	---	---		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
XVI	---	STOOL ASSLY FOR DOOR & CORRIDOR DOOR	03/3/43/2	01	R326/001	2 NOS EACH	---	2 NOS EACH		
145.	R/99/S/ 0187	SET OF FABRI – CATED ITEMS (WAP-4) TYPE-III For SHOP-26	CLW/TS/R/99/ 0003 Alt.2	03	----	----	----	1 L/Set	254015790315 B	
I	---	FOOT STEP ASSLY.	03/1/65/68, Alt.-7	01	R 351/067	4	---	---		
II	---	BRACKET ASSLY. (INNER)	05/4/57/28, Alt.-7	01	R 316/055	2	---	---		
III	---	BRACKET ASSLY. (OUTER)	05/4/57/27, Alt.-7	01	R 316/051	2	---	---		
IV	---	FOOT STEP POCKET ASSLY.	03/3/65/53, Alt.-1	01	R 351/059	4	---	---		
V	---	BRACKET ASSLY. FOR LOCK	05/4/38/33, Alt.-5	01	R 346/071	1	---	---		
VI	---	SUPPORT	05/4/38/32, Alt.-4	01	R 346/066	4	---	---		
146.	R/99/S/ 0188	SET OF MOUNTING ITEMS ON U/F (WAP-4) TYPE-I For SHOP-26	CLW/TS/R/99/ 0004, ALT-1	03	----	----	----	1 L/Set	254018160315 T	
I	---	STOOL ASSLY. FOR COMP. NO.1	03/2/32/100, Alt.-1	01	R 311/312	1	---	---		
II	---	STOOL ASSLY. FOR COMP. NO.2	03/2/32/69, Alt.-4	01	R 311/281	1	---	---		
III	---	STOOL ASSLY. FOR T.M. BLOWER PEDESTAL	03/3/32/7, Alt.-2	01	R 311/023	2	---	---		
IV	---	FOLDED ANGLE	03/4/32/56, Alt.-1	01	R 311/230	2	---	---		

CATEGORY “R” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
V	---	FOLDED ANGLE	40 x 40 x 4Thk- x 1440Lg. Matl.- Steel to IRS: M41	01	R 311/231	2	---	---		
VI	---	BRACKET ASSLY.	03/3/32/58, Alt.-Nil	01	R 311/233	2	---	---		
VII	---	BRACKET ASSLY.	03/4/32/55, Alt.-2	01	R 311/240	1 L.H. 1 R.H.	---	---		
VIII	---	FOLDED ANGLE	30x30x3.15Thk x 1062 Lg. Matl.- Steel to IRS: M41	01	R 311/252	1	---	---		
IX	---	STOOL ASSLY. FOR ATFEX	03/3/32/95, Alt.-1	01	R 311/347	1	---	---		
X	---	SUPPORT ASSLY.	03/3/32/83, Alt.-1	01	R 311/364	1	---	---		
147.	R/99/S/ 0189	SET OF FABRICATED ITEMS FOR FLOORING ARRGT. (WAP-4) TYPE-IV For SHOP-16	CLW/TS/R/99/ 0005, ALT-2	03	----	----	----	1 L/Set	259862960315 H	
I	---	SUPPORT ASSLY.	03/4/55/47, Alt.-1	01	R 352/122	18	---	---		
II	---	SUPPORT ASSLY.	03/4/55/48, Alt.-1	01	R 352/125	24	---	---		
III	---	SUPPORT ASSLY.	03/4/55/49, Alt-Nil	01	R 352/128	4	---	---		
IV	---	SUPPORT ASSLY.	03/4/55/52, Alt-Nil	01	R 352/137	2	---	---		
V	---	SUPPORT PLATE	03/4/55/56, Alt-Nil	01	R 352/148	2	---	---		
VI	---	BOSS	03/4/55/57, Alt.-1	01	R 352/149	4	---	---		
VII	---	BOSS	03/4/55/58, Alt.-1	01	R 352/150	2	---	---		
VIII	---	SUPPORT ASSLY.	03/4/55/94, Alt.-1	01	R 352/235	24	---	---		
IX	---	SUPPORT ASSLY.	03/4/55/93, Alt.-1	01	R 352/232	14	---	---		
X	---	SUPPORT ASSLY.	03/4/55/97, Alt.-1	01	R 352/244	1 LH 1 RH	---	---		
XI	---	SUPPORT ASSLY.	03/4/55/99, Alt.-Nil	01	R 352/250	3	---	---		

CATEGORY "R" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
148.	R/99/S/ 0190	SET OF CHEQUARED PLATES FOR FLOORING ARRGT. (WAP-4) TYPE-I For SHOP-16	CLW/TS/R/99/ 0006, ALT-2	03	----	----	----	1 L/Set	254016830315 H	
I	---	CHEQUARED. FLOOR PLATE to IS:3502, Type-A	03/4/55/32, Alt.-1	01	R 352/076	9	---	---		
II	---	-- DO --	03/4/55/33, Alt.-1	01	R 352/079	1	---	---		
III	---	-- DO --	03/4/55/34, Alt.-1	01	R 352/082	1	---	---		
IV	---	-- DO --	03/4/55/35, Alt.-1	01	R 352/085	1	---	---		
V	---	-- DO --	03/4/55/36, Alt.-1	01	R 352/088	1	---	---		
VI	---	-- DO --	03/4/55/37, Alt.-1	01	R 352/091	1	---	---		
VII	---	-- DO --	03/4/55/38, Alt.-1	01	R 352/094	1	---	---		
VIII	---	-- DO --	03/4/55/39, Alt.-1	01	R 352/097	1	---	---		
IX	---	-- DO --	03/4/55/40, Alt.-1	01	R 352/100	1	---	---		
X	---	-- DO --	03/4/55/41, Alt.-1	01	R 352/103	1	---	---		
XI	---	-- DO --	03/4/55/42, Alt.-1	01	R 352/106	1	---	---		
XII	---	-- DO --	03/4/55/43, Alt.-1	01	R 352/109	1	---	---		
XIII	---	-- DO --	03/4/55/44, Alt.-1	01	R 352/112	1	---	---		
XIV	---	-- DO --	03/4/55/45, Alt.-2	01	R 352/115	1	---	---		
XV	---	-- DO --	03/4/55/59, Alt.-1	01	R 352/157	1	---	---		
XVI	---	-- DO --	03/4/55/101, Alt-Nil	01	R 352/254	1	---	---		
149.	R/90/S/ 0232	SET OF BOGIE ITEMS TYPE-1 OF WAG-7 LOCO. FOR SHOP- 18	CLW/TS/R/90/ 0009, ALT-4	03	----	----	1 L/Set	----	254018650315 N	Procurement will be @ 50% of total Scheduled Target of Loco Production.
I	---	Keeper Pin Ø19 x 115 Lg.	06/4/25/5, Alt-10	01	P 205/008	12	---	---		
II	---	Base Plate Assly.	06/3/15/80, Alt-Nil	01	P 222/159	8	---	---		

CATEGORY “R” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
III	---	Damper Bracket Assly.	06/4/15/73, Alt-5	01	P 222/134	8	---	---		
150.	R/99/S/0204	SET OF BOGIE ITEMS TYPE-1 OF WAP-4 LOCO. FOR SHOP- 18	CLW/TS/R/99/0007, Alt-4	03	----	----	----	1L/Set	254017130315 N	Procurement will be @ 50% of total Scheduled Target of Loco Production
I	---	Pin	01/3/25/5, Alt-8	01	R 205/007	12	---	---		
II	---	Modified Keeper Pin	01/4/25/6, Alt-11	01	R 205/084	12	---	---		
III	---	Bracket	03/3/12/25, Alt-1	01	R 211/040	12	---	---		
IV	---	Pedestal Cap Assly.	03/3/12/12, Alt-5	01	R 211/028	12	---	---		
V	---	Pin	03/4/10/4, Alt-2	01	R 200/001	8	---	---		
VI	---	Safety link	03/4/10/5, Alt-3	01	R 200/002	4	---	---		
VII	---	Flange	03/4/10/6, Alt-3	01	R 200/003	8	---	---		
VIII	---	Hex Head Bolt M22 x 75	03/4/12/16, Alt-3	01	R 211/016	96	---	---		
IX	---	Hex Head Bolt M24 x 130	03/4/12/21, Alt-4	01	R 211/031	24	---	---		
X	---	Washer	03/4/16/4, Alt-4	01	R 223/004	4	---	---		
151.	R/99/0024	RING ASSLY.	03/4/60/7, ALT-NIL	01	R 310/009	4	--	4	250700100115 K	These Category Nos-R/99/0024 to R/99/0028 are Components of Sand Box Assly (WAP-4) , Cat. No- R/99/0161.
152.	R/99/0025	COVER ASSLY.	03/4/60/8, ALT-NIL	01	R 310/011	4	--	4	250700220115 K	
153.	R/99/0026	HOOK	03/4/60/26, ALT-NIL	01	R 310/020	4	--	4	250700340115 K	
154.	R/99/0027	RING	03/4/60/27, ALT-NIL	01	R 310/018	4	--	4	250700460115 K	
155.	R/99/0028	CHAIN	03/4/60/12, ALT-NIL	01	R 310/019	4	--	4	749803730115 K	

CATEGORY “R” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
156.	R/99/S/0215	Set of Bush (Mn. Steel) for WAP-4 Loco	----	03	----	1 L/S		1 L/ Set	2537405905K	
I.	R/99/0032	BUSH (Mn. Steel)	03/4/12/20, ALT-5	01	R 211/010	16	--	16	253705220115 K	
II.	R/99/0033	BUSH (Mn. Steel)	03/4/12/19, ALT-5	01	R 211/011	24	--	24	252700110115 K	
157.	R/99/S/0216	Set of Wear Plate (Mn. Steel) for WAP-4 Loco	----	03	----	1 L/S	---	1 L/ Set	251007500315K	
I.	R/99/0163	WEAR PLATE (Mn.Steel)	03/4/12/43, ALT-1	01	R 211/983	8	--	8	251006600115 K	
II.	R/99/0164	WEAR PLATE (Mn.Steel)	03/4/12/42, ALT-1	01	R 211/984	24	--	24	259866610115 K	
III.	R/99/0165	WEAR PLATE (Mn.Steel)	03/4/12/46, ALT-1	01	R 211/989	4	--	4	251006710115 K	
IV.	R/99/0166	WEAR PLATE (Mn.Steel)	03/4/12/47, ALT-1	01	R 211/990	4	--	4	259866730115 K	
V.	R/99/0167	WEAR PLATE (Mn.Steel)	03/4/12/48, ALT-1	01	R 211/991	4	--	4	259866850115 K	
158.	R/99/0214	ADAPTOR	03/3/12/35, ALT-1	01	R 211/787	24	--	24	251003730115 N	
159.	R/90/0248	SET OF NYLATRON BUSH	---	03	---	1L/Set	1L/Set	--		
(a)	R/90/0253	BUSH	06/2/15/54 Alt.12 Ref.3	01	P 222/170	12	12	--		
(b)	R/90/0254	BUSH	06/2/15/54 Alt.12 Ref.4	01	P 222/171	32	32	--		
©	R/90/0255	BUSH	06/2/15/54 Alt.12 Ref.5	01	P 222/172	16	16	--		

CATEGORY "R" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWINIG/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
160.	R/90/0249	LONG BEAM ASSLY WITH LIFTING BRACKET ASSLY	06/1/31/105 Alt.3 06/3/31/136 Alt. Nil 06/2/31/111 Alt.1	01	P 301/217 P 301/241 P 301/224	2 4 1	2 4 1	-- -- --	100% In House Production from 2014-15 and onwards.	
161.	R/90/0250	Sandwitch Pin Ø32 x 394 Lg.	06/3/25/4, Alt-1	01	P 205/007	12	12	---	253240930115A	
162.	R/90/0251	Equalizer Pin (Big)	06/2/15/54, Alt-12, Ref-1	01	P 222/111	12	12	---	253213890115A	
163.	R/90/0252	Equalizer Pin (Small)	06/2/15/54, Alt-12, Ref-2	01	P 222/112	16	16	---	2532139005A	
164.	R/0/0224	LOCO SIDE BUFFER ASSLY. (Rubber Spring Type)	SK.DL-4561 Alt.1	01	P 316/042 R 316/069	4 4	4	4	25130365015N	
165.	R/99/0219	HIGH TENSILE TIGHT LOCK TRANSITION CENTRE BUFFER COUPLER	RDSO's Specn. No. MP.0.41.00.05 (Rev.00) & RDSO approved latest detailed drgs.	01	R316/073	2	--	2		
166.	R/99/0220	DRAFT GEAR WITH ELASTOMER PADS FOR PASSENGER LOCOMOTIVES FITTED WITH H- TYPE TIGHT LOCK	RDSO's Specn. No. MP.0.41.00.06 (Rev.00) & RDSO approved latest detailed drgs.	01	R316/074	2	--	2		
167	R/90/0261	COMPLETE UNDERFRAME FOR HH LOCO	06/1/31/100 Alt-10 06/1/31/101 Alt-7 06/1/31/102 Alt-6 06/1/31/105 Alt-3 06/1/31/135 Alt-3 06/1/31/136 Alt-Nil 06/2/31/111 Alt-1 CLW/MS/3/154	03	P301/214 P301/217 P301/240 P301/241 P301/224	1 2 2 4 1	1 L/Set	---		Full requirement (100%) for this item will be manufactured at shop from 2013- 14 & onwards.

CATEGORY “R” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY/ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
168	R/99/0222	LONG BEAM ASSLY WITH LIFTING BRACKET ASSLY WAP-4 LOCO	03/1/31/132 Alt-6 03/3/31/216 Alt.Nil CLW/MS/3/154	01	R301/252 R301/311	1 L.H 1 R.H 4	---- ----	1 L.H 1 R.H 4		100% In House Production from Year 2014-15 and onwards.
169	R/0/0229	Long Life Loco Side Buffer Assly (Capacity 30KJ Min)	RDSO Drg. No.SK.DL -4748 Alt.Nil Specn. No.MP-0.41.00.03 (Rev.01) Aug 2005	01	P316/050 R316/079	4 4	4	4		
170	R/99/0223 New	Bottom Cross Plate	03/4/31/195 Alt-3	01	R301/250	2		2		This category to be generated for the year 2014-15 & onwards as per note no. ELDD/1720 dated 22.09.2014 approved by CEE/CLW on 16.10.2014.

CATEGORY “S” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
1	S/S/0001	SET OF SPLIT PIN	CLW/TS/S/ 0001 Alt.1	03	----	----	1 L/Set	1 L/Set		Manufacturing Spares are taken @ 5%
1.1	S/0/0132	SPLIT PIN 2.5Øx20	IS:549	01	P 315/011	16	16	--	733263790115 W	
1.2	S/0/0133	SPLIT PIN 3.2Øx20	IS:549	01	P 242/052	32	32	--	733263550115 W	
1.3	S/0/0134	SPLIT PIN 3.2Øx25	IS:549	01	P 347/058 R 353/058 R 310/061 R 347/196	2 2 4 2	2	8	733263430115 W	
1.4	S/0/0135	SPLIT PIN 3.2Øx32	IS:549	01	P 306/025 R 306/097	16 16	16	16	733263310115 W	
1.5	S/0/0137	SPLIT PIN 4Øx50	IS:549	01	P 316/010 R 317/235	8 36	8	36	733219900115 W	
1.6	S/90/0054	SPLIT PIN 5Øx35	IS:549	01	P 222/156	16	16	--		
1.7	S/90/0138	SPLIT PIN 5Øx50	IS:549	01	R 211/034	120	--	120	733227160115 K	
1.8	S/99/0144	SPLIT PIN 5Øx56	IS:549	01	P 222/031	48	48	--	733227830115 K	
1.9	S/99/0139	SPLIT PIN 6Øx45	IS:549	01	R 301/052	8	--	8	733232380115 K	
1.10	S/0/0140	SPLIT PIN 10Øx112	IS:549	01	R 316/023	2	--	2	733263670115 A	
1.11	S/0/0620	SPLIT PIN 8 x 80	IS: 549	01	P 205/028 R 205/085	12 12	12	12		

CATEGORY "S" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
1.12	S/99/0155	SPLIT COTTER PIN 6.3Ø x 40	IS:549	01	P 205/009 R 233/011	12 3	12	3	733232110115 K	
1.13	S/99/0304	SPLIT COTTER PIN 6.3Ø x 90	IS:549	01	R 233/039	1	--	1	733233910115 K	
1.14	S/0/0592	SPLIT COTTER PIN 10Ø x 80	IS:549	01	P 316/025	2	2	--	733243340115 W	
1.15	S/99/0332	SPLIT COTTER PIN ¼"Ø x 1½" Long	BS:1574	01	R 205/009	12	--	12	739870250115 A	
1.16	S/90/0055	FLAT BENDED COTTER 10x22x125Long	IS: 2062 Gr. E250 (Fe410W) 06/2/15/54 Alt-12 Ref-12	01	P 222/177	28	28	--	739875810115 A	
1.17	S/0/0160	TAPER PIN 4Ø x 30	IS:549	01	P 346/122	8	8	--	733770280115 A	
1.18	S/99/0374	SPLIT PIN 4Øx28	IS:549	01	R 315/295	8	--	8		

CATEGORY “S” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
2.	S/0/0154	SELF TAPPING SCREW CSK. RAISED HD. NO.- 10 x 15	IS:7169	01	P 349/365 P 349/426 P 108/246 R 351/025 R 349/230 R 349/268 R 349/521 R 349/526 R 108/285	474 24 24 300 520 16 10 24 24	522	894	735764990115 A	Manufacturing Spares are taken @ 5%
3	S/S/0003	SET OF SPRING WASHER	CLW/TS/S/ 0003, Alt-1	03	----	----	1 L/Set	1 L/Set		Manufacturing Spares are taken @ 5%
3.1	S/0/0161	SPRING WASHER 3B (CAD. PLATED)	IS:3063	01	P 119/348 R 119/099	2 2	2	2	737101060115 A	

CATEGORY "S" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
3.2	S/0/0162	SPRING WASHER 4B (CAD. PLATED)	IS:3063	01	P 102/041	10	415	355	737102580115 A	
					P 122/955	4				
					P 110/061	1				
					P 118/027	28				
					P 119/279	26				
					P 119/100	45				
					P 342/438	2				
					P 101/232	8				
					P 101/252	8				
					P 102/220	8				
					P 102/240	12				
					P 103/163	4				
					P 108/248	16				
					P 111/132	56				
					P 119/677	84				
					P 119/632	103				
3.3	S/0/0163	SPRING WASHER 5B (CAD. PLATED)	IS:3063	01	P 117/039	8	474	691	737105560115 A	
					P 119/344	4				
					P 109/040	4				

CATEGORY "S" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
			<u>C&D.NO.</u>	<u>QTY/</u> <u>C&D</u>	P 111/131	36				
					P 113/044	10				
					P 114/367	6				
			R 104/047	8	P 119/274	14				
			R 109/037	8	P 313/020	12				
			R 111/030	22	P 342/056	8				
			R 111/048	170	P 342/230	4				
			R 119/157	14	P 342/510	4				
			R 119/081	98	P 342/210	2				
			R 117/039	8	P 346/034	4				
			R 113/034	10	P 346/054	4				
			R 119/337	8	P 353/060	4				
			R 121/125	66	P 353/120	2				
			R 342/109	4	P 353/154	4				
			R 342/054	8	P 354/087	38				
			R 346/078	4	P 355/571	12				
			R 346/164	6	P 355/732	6				
			R 347/166	20	P 355/619	6				
			R 354/164	38	P 355/256	2				
			R 355/262	4	P 347/141	56				
			R 358/066	2	P 119/087	92				
			R 342/336	2	P 347/161	28				
			R 355/777	8	P 354/272	12				
			R 355/822	4	P 119/619	92				
			R 355/858	4	R 119/699	16				
			R 103/231	34	R 101/320	38				
			R 119/327	51	R 111/272	36				
3.4	S/0/0164	SPRING WASHER 6B (CAD. PLATED)	IS:3063	01	P 303/564	4	612	1032	737101060115 A	
					P 303/664	8				

CATEGORY "S" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION		DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
								WAG-7	WAP-4		
		<u>C&D. NO.</u>	<u>QTY/ C&D</u>	<u>C&D. NO.</u>	<u>QTY/ C&D</u>	P 306/111	14				
		R 110/034	4	P 113/008	18	P 311/543	6				
		R 119/166	3	P 110/089	4	P 311/455	66				
		R 119/204	2	P 118/031	32	P 326/024	16			<u>C&D. NO.</u>	<u>QTY/C&D.</u>
		R 112/027	4	P 118/068	8	P 326/037	4			R 314/677	5
		R 114/239	6	P 233/011	8	P 346/016	8			R 314/481	83
		R 117/046	8	P 119/077	46	P 346/022	8			R 314/728	1
		R 113/008	18	P 119/322	8	P 346/029	8			R 353/577	1
		R 119/343	4	P 353/479	6	P 353/479	6			R 359/060	4
		R 233/014	8	P 355/402	2	P 355/402	2			R 364/025	66
		R 311/130	4	P 321/060	4	P 355/415	4			R 103/114	12
		R 344/090	4	P 342/624	12	P 355/433	4			R 349/452	12
		R 346/099	16	P 357/073	7	P 356/239	6			R 356/288	12
		R 355/025	2	P 101/226	12	P 356/271	11			R 353/455	6
		R 355/038	4	P 102/214	12	P 353/282	1			R 354/254	56
		R 355/297	6	P 103/136	8	P 357/149	1			R 342/503	12
		R 356/093	7	P 108/247	24	P 359/032	4			R 110/089	4
		R 355/567	4	P 111/130	24	P 359/042	68			R 346/152	8
		R 356/194	12			P 364/042	66			R 344/130	16
		R 314/652	23	R 108/044	40	P 347/372	32			R 353/567	3
		R 347/429	300	R 108/074	8	P 356/317	5			R 354/306	52
		R 108/286	24	R 108/160	6	P 104/095	4			R 306/157	14
		R 110/114	22	R 104/057	2	P 117/046	8			R 354/395	14
		R 111/271	24	R 349/638	8	P 357/086	4			R 111/035	32
				R 103/119		P 357/195	10			R 118/031	28
				R 111/421	12					R 101/265	16
										R 102/265	12
										R 103/184	6

CATEGORY “S” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
3.5	S/0/0165	SPRING WASHER 8B (CAD. PLATED)	IS:3063	01	P 104/020 P 311/091 P 112/010	7 12 14	1725	2103	737102580115 A	

CATEGORY "S" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION		DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
								WAG-7	WAP-4		
		<u>C&D. NO.</u>	<u>QTY./ C&D.</u>	<u>C&D. NO.</u>	<u>C&D.</u>	P 119/327	2			<u>C&D. NO.</u>	<u>QTY./ C&D.</u>
		P 310/058	4	P 356/326	62	P 119/370	13			P 342/150	4
		P 233/011	8	P 301/235	1	P 109/056	4			P 302/199	8
		P 233/004	4	P 303/731	2	P 113/005	26			P 342/627	8
		P 303/538	155	P 306/165	30	P 114/326	72			P 321/058	16
		P 303/506	12	P 356/172	6	P 114/553	3			P 353/576	2
		P 315/342	12	P 311/441	36	P 118/023	12			P 302/120	16
		P 315/354	14	P 313/033	24	P 118/075	2			P 349/134	20
		P 342/577	18	P 355/722	64	P 119/080	70			P 119/514	5
		P 346/038	2	P 355/742	401	P 119/108	8			P 311/681	12
		P 346/092	32	P 356/276	2	P 119/287	3				
		P 346/120	16	P 356/301	16	P 121/042	15				
		P 348/333	4	P 356/190	2	P 121/061	8				
		P 353/379	8	P 357/159	2	P 104/107	1				
		P 353/262	9	P 357/280	7	P 315/356	2				
		P 353/467	8	P 357/138	6	P 354/031	22				
		P 353/391	6	P 354/021	16	P 354/008	18				
		P 365/086	4	P 360/010	32	P 347/163	26				
		P 352/264	18	P 365/019	16	P 366/232	11				
		P 308/057	10	P 366/125	13	P 342/233	27				
		P 349/400	4	P 366/049	13	P 101/219	8				
		P 308/056	10	P 366/220	1	P 102/207	8				
		P 321/047	4	P 349/369	6	P 103/156	20				
		P 303/687	2	P 353/303	8	P 111/129	24				
		P 306/232	2	P 342/170	12	P 111/224	8				
		P 306/287	2	P 303/751	10	P 108/277	8				
				R 111/300	8	R 108/305	8				
				R 119/691	72	R 111/270	24				

** SEE NEXT
PAGE for Qty.-
Details of WAP-
4 Locos.

CATEGORY “S” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
**	S/0/0165	SPRING WASHER 8B (CAD. PLATED)	IS:3063	01 <u>QTY/</u>	R 101/224 R 102/226 R 108/032	31 31 8				** <u>SEE</u>

CATEGORY "S" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION		DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
								WAG-7	WAP-4		
				<u>C&D. NO.</u>	<u>C&D</u>	R 108/056	18				<u>PREVIOUS</u> <u>PAGE for</u> <u>Qty.-Details of</u> <u>WAG-7 Locos.</u>
				R 346/161	2	R 108/165	4				
				R 314/470	119	R 109/053	6				
				R 314/295	14	R 111/026	36				
				R 347/168	30	R 118/023	12				
				R 348/174	4	R 108/188	2				
				R 349/134	16	R 112/009	21				
				R 349/188	64	R 119/170	8				
				R 349/455	80	R 119/105	8				
				R 352/224	84	R 119/122	13				
				R 353/026	2	R 110/057	21				
				R 353/067	4	R 123/018	8				
				R 353/109	5	R 113/005	26				
				R 355/502	272	R 114/253	4				
				R 313/078	236	R 121/065	1				
				R 314/704	3	R 121/044	12				
				R 357/592	6	R 108/222	2				
				R 356/028	2	R 359/046	16				
				R 356/068	58	R 357/576	2				
				R 360/021	22	R 301/156	32				
				R 356/138	7	R 302/053	6				
				R 354/161	73	R 310/017	32				
				R 310/148	4	R 314/021	10				
				R 354/323	4	R 346/049	32				
				R 356/215	55	R 103/163	2				
				R 311/128	16						
				R 110/110	30						

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SL. NO.	CAT. NO.	DESCRIPTION		DRAWINIG/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS							
								WAG-7	WAP-4									
3.6	S/0/0167	SPRING WASHER 10B (CAD. PLATED)		IS:3063	01	P 201/012	8	1071	1386	737103010115 A	** <u>SEE NEXT PAGE for Qty.-Details of WAP-4 Locos.</u>							
						P 242/044	16											
						P 303/047	4											
						P 303/106	2											
						P 303/232	2											
						P 306/012	8											
						P 312/044	24											
						P 313/025	8											
						P 314/029	3											
						P 315/010	8											
						P 315/329	4											
						P 346/007	6											
						P 346/089	8											
						P 348/329	8											
						P 348/315	16											
						P 348/352	8											
						P 349/167	8											
						P 353/265	4											
						P 353/114	4											
						P 353/164	2											
						P 355/744	24											
						P 356/374	2											
						P 364/023	22											
						P 365/033	4											
						P 104/102	2											
						P 366/289	4											
						P 366/101	4											
						P 357/228	8											
						P 346/023	20											
						P 349/568	4											

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CATEGORY "S" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION		DRAWINIG/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
								WAG-7	WAP-4		
3.7	S/0/0168	SPRING WASHER 12B (CAD. PLATED)		IS:3063	01	P 205/026	96	556	558	737103500115 A	
		<u>C&D. NO.-</u> R 306/153 R 311/058 R 355/655 R 109/025 R 109/043 R 109/046 R 118/010 R 119/076 R 114/089 R 114/149 R 114/235 R 117/029 R 123/004 R 113/074 R 113/025 R 346/202 R 353/258 R 302/270 R 103/110 R 101/254 R 102/254 R 103/177 P 114/646	<u>QTY/ C&D</u> 4 32 9 28 2 4 2 20 82 44 2 1 4 6 18 4 10 32 10 36 36 16 12	<u>C&D. NO.-</u> P 119/082 P 118/010 P 109/049 P 113/025 P 114/241 P 114/371 P 114/390 P 117/029 P 342/183 P 242/051 P 114/665 R 355/856 R 200/005 R 202/011 R 314/655 R 205/018 R 351/036 R 315/177 R 355/021 R 356/059 R 355/517 R 360/317 R 356/130 R 342/223 R 114/425	<u>QTY/ C&D.</u> 20 2 4 18 38 70 8 1 2 16 12 12 16 2 6 12 4 4 2 6 4 4 12 4 4 2 42 24 2 22 2	P 315/351 P 303/040 P 342/183 P 342/227 P 351/016 P 352/101 P 356/370 P 353/397 P 360/013 P 364/048 P 366/224 P 306/066 P 311/517 P 355/397 P 353/466 P 314/040 P 303/520 P 357/088 P 303/726 P 109/028 P 302/165 P 101/215 P 102/203 P 103/129 P 114/646	8 4 2 12 16 4 2 4 16 23 10 4 16 4 10 4 12 4 6 12 32 36 36 16 8				

CATEGORY "S" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWINIG/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
3.8	S/0/0169	SPRING WASHER 14B (CAD. PLATED)	IS:3063	01	P 311/478	16	470	460	737104040115 A	
					P 315/061	12				
					P 315/212	12				
					P 316/022	8				
					P 348/322	32				
					P 353/395	2				
					P 356/298	8				
					P 242/062	32				
					P 354/090	16				
					P 357/133	4				
					P 366/155	4				
					P 242/062	64				
			P 353/465	6						
			P 311/439	36						
			P 311/582	4						
			P 311/599	4						
			P 311/618	4						
			P 302/219	16						
			P 101/268	68						
			P 102/257	74						
			P 103/184	12						
			P 109/014	20						
			P 113/035	10						
			P 114/360	6						
	</									

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWINIG/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
3.9	S/0/0170	SPRING WASHER 16B (CAD. PLATED)	IS:3063	01	P 211/061	48	246	157	737104530115 A	
					P 303/681	8				
					P 233/014	3				
					P 306/031	32				
					P 314/009	4				
					P 348/319	44				
					<u>QTY/</u> <u>C&D.</u> P 364/035	6				
					<u>C&D. NO.-</u> R 233/017	3				
					R 306/104	16				
					R 311/249	20				
					R 311/238	4				
					P 314/324	4				
					R 315/301	16				
					R 314/687	4				
					R 311/214	8				
					R 348/267	44				
					R 354/362	4				
					R 104/039	2				
					R 117/018	2				
					R 353/519	6				
					R 353/487	4				
					R 364/030	6				
					R 311/374	12				
					R 314/908	2				

CATEGORY “S” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
3.10	S/0/0171	SPRING WASHER 18B (CAD. PLATED)	IS:3063	01	P 222/049 P 311/449 P 342/136 P 347/166 R 342/445	64 12 2 16 6	94	6	737159800115 A	
3.11	S/0/0172	SPRING WASHER 20B (CAD. PLATED)	IS:3063	01	P 211/059 P 311/437 P 353/541 P 222/147 R 311/052 R 317/244	48 24 2 32 24 36	106	60	737105070115 A	
3.12	S/0/0173	SPRING WASHER 22B (CAD. PLATED)	IS:3063	01	P 222/079 R 211/018	8 96	8	96	737105560115 A	
3.13	S/0/0174	SPRING WASHER 24B (CAD. PLATED)	IS:3063	01	P 222/028 P 311/209 P 316/006 P 311/458 R 211/033 R 311/064 R 316/005	8 10 24 10 24 14 32	52	70	737106600115 A	
3.14	S/0/0621	SPRING WASHER 27B (CAD. PLATED)	IS:3063	01	P 316/045 R 316/072	16 16	16	16		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
3.15	S/0/0258	WASHER FOR B.A. PANEL PIPING ASSLY.	02/4/53/40, ALT.-7	01	P 356/224 P 356/253 P 356/383 P 356/407 R 353/441 R 356/196 R 356/278 R 356/305	14 14 1 2 1 34 1 2	31	38	737159920115 G	
3.16	S/0/0276	WASHER	05/4/41/25, ALT.-4	01	P 356/382 R 356/277	1 1	1	1	253510600115 G	
3.17	S/0/0595	SERRATED LOCK WASHER M6 (CAD. PLATED)	DIN 6798	01	P 119/114 R 119/110	24 24	24	24	739850650115 A	
4	S/99/0379	Male Connector ¼”BSPTx100/D	1209-18.406-039 Sl. No.1	01	R 314/902	1	--	1		Procurement by 3Ph wing clubbing with Cat No S/9/0008
5	S/S/0005	SET OF GASKETS AND PACKING	CLW/TS/S/ 0005	03	----	----	1 L/Set	1 L/Set		Manufacturing Spares are taken @ 5%
5.1	S/0/0187	GASKET (FOUR PARTS) FIRE FLY	05/4/32/10, ALT.-7	03	P 311/138 R 311/245	2Sets 2Sets	2Sets	2Sets	252530500115 G	
5.2	S/0/0188	GASKET	05/4/33/13, ALT.-3	01	P 313/035	6	6	--	252533590115 G	
5.3	S/0/0189	GASKET	05/4/33/14, ALT.-2	01	P 313/036	6	6	--	252534510115 G	

CATEGORY “S” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
5.4	S/0/0195	GASKET	0/4/65/286, ALT.-2	01	P 303/595	2	2	--	252542500115 G	
5.5	S/90/0023	GASKET	06/4/60/25, ALT.-2	01	P 310/040	8	8	--	259818450115 G	
5.6	S/0/0200	GASKET FOR SAND EJECTOR (FIRE FLY OR SIMILAR)	05/4/60/35, ALT.-6	01	P 242/047 R 310/109	8 4	8	4	252547530115 G	
5.7	S/0/0207	GASKET (TOP) FOR MAIN TRANSFORMER 1950x100x12mm	CLW/ES/R-35	01	P 311/119 R 311/050	2 2	2	2	252530740115 G	
5.8	S/0/0612	GASKET FOR F/FILTER	06/3/34/30, ALT.-2	01	P 303/738 R 314/711	2 2	2	2	259844450115 G	
5.9	S/0/0237	PACKING FELT 80 x 8x 2100 mm Lg.	IS ;1719 PROOFED	01	P 312/045	1	1	--	252533000115 G	
5.10	S/0/0243	PACKING 60 x 30 x 5000 Lg. (ASBESTOS) NON-ACID TYPE	White Dry Asbestos IS:4687,Gr-1	01	P 364/039 R 364/036	1 1	1	1	258903590115 G	
5.11	S/0/0614	PACKING 60 x 30 x 3042 Lg. (ASBESTOS) NON-ACID TYPE	White Dry Asbestos IS:4687,Gr-1	01	P 328/001	1	1	--	258903590115 G	
5.12	S/99/0140	FELT PACKING 100 x 8Thk.	IS:1719 Felt Proofed Midium	42	R 312/078	2.10M	--	2.10 Mtrs.	252508872215 G	

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
5.13	S/0/0202	GASKET FOR BRAKE CYLINDER	03/4/20/3 ALT-NIL	01	P 360/007 R 360/015	8 12	8	12		
6	S/S/0006	SET OF MISC. RUBBER ITEMS	CLW/TS/S/0006, Alt-1	03	----	----	1 L/Set	1 L/Set		Manufacturing Spares are taken @ 5%
6.1	S/0/0489	GUIDE PROFILE WITH KEY 2000 Lg.	01/3/44/52, ALT-14, REF-5 & 6	01	P 344/039 R 344/162	12 12	12	12	252587710115 G	
6.2	S/0/0215	GUIDE PROFILE WITH KEY 3280 Lg. AC-2	01/3/44/52, ALT.-14, REF.-4	01	P 342/110 R 342/439	2 4	2	4	252514540115 G	
6.3	S/0/0216	RUBBER JOINT FOR FRONT WINDOW GLASS	01/4/35/73, ALT.-10	01	P 349/212	4	4	--	252508510115 G	
6.4	S/0/0217	RUBBER JOINT FOR MAIN TRANSFORMER	06/4/32/5, ALT.-3	22	P 311/118 R 352/210	7.2Mt 7.2Mt	7.2 Mts	7.2 Mts.	252530620115 G	
6.5	S/0/0224	JOINT	05/4/52/81, ALT.5, REF.4	01	P 355/394	1	1	--	252575590115 G	
6.6	S/0/0225	RUBBER JOINT	05/4/47/311, ALT.-2,	01	P 348/326 R 348/280	1 1	1	1	252507470115 G	
6.7	S/0/0227	PACKING FOR AC CABINET 15x4 mm	Cellular Rubber ASTM-D1056, Gr.RE-43C	42	P 342/224 R 349/522	0.7M 2.5M	0.70 Mtrs.	2.50 Mtrs.	252504502215 G	
6.8	S/0/0228	PACKING FOR EARTHING SWITCH (HOM)	05/4/47/99 ALT.-3	01	P 348/313 R 348/281	1 1	1	1	252507590115G	

CATEGORY “S” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
6.9	S/90/0003	SEALING GASKET 20 x 5Thk.x 2260 Lg.	Cellular Rubber ASTM-D1056, Gr.RE-43C	01	P 311/195	1	1	--	252503580115 G	
6.10	S/99/0342	PACKING 4400mm Lg.	01/4/43/10, ALT.4,REF.5	01	R 344/117	4	--	4	252597630115 G	
6.11	S/0/0238	PACKING RUBBER	05/4/42/33, ALT.4,REF.1	01	P 359/040 R 359/053	8 8	8	8	252579970115 G	
6.12	S/0/0239	PACKING RUBBER	05/4/42/33, ALT.4,REF.2	01	P 359/041 R 359/054	8 8	8	8	252579730115 G	
6.13	S/99/0338	PACKING RUBBER	03/4/36/87, ALT.-1	42	R 347/210	3.8 Mtrs.	--	3.8 Mtrs.	252594412215 G	
6.14	S/0/0242	PACKING FOR CAB SIDE DOOR & DRIVING DESK 30 x 2 mm	Soft Rubber IS:638 Type-B Shore Hardness 50+5	42	P 347/169 P 347/170 R 347/173 R 352/308	7.0 M 2.0 M 7.0 M 0.24M	9.00 Mtrs.	7.24 Mtrs.	252515570115 G	
6.15	S/0/0247	RUBBER PROFILE	01/3/43/9, ALT.4,REF.2	01	P 326/013 R 344/115	4 4	4	4	252580110115 G	
6.16	S/0/0248	RUBBER PAD	05/4/47/232, ALT.-3	01	P 348/228 R 348/499 R 348/506	40 4 52	40	56	252582540115 G	
6.17	S/0/0249	RUBBER PAD	05/4/47/236, ALT.-2	01	P 348/238	10	10	--	252582540115 G	
6.18	S/99/0150	RUBBER PACKING 35 x 3Thk.x 1.26 M Lg.	IRS-R-57 (RUBBER)	42	R 349/186	5.10M	--	5.10 Mtrs.	252509910115 G	

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
6.19	S/90/0051	RUBBER SEALING 4300 x 45 x 5Thk.	IRS-R-57 (Soft Rubber)	01	P 342/176	1	1	--	252597750115 G	
6.20	S/99/0350	RUBBER SEALING 6812 x 45 x 5Thk.	IRS-R-57 (Soft Rubber)	01	R 342/432	1	--	1	252592090115 G	
6.21	S/99/0188	PACKING PIECE 70 x 30 x 3Thk.	IRS-R-57 Shore Hardness 50±5	01	R 352/155	38	--	38	252591310115 G	
6.22	S/99/0189	PACKING PIECE 30 x 30 x 3Thk.	IRS-R-57 Shore Hardness 50±5	01	R 352/156	70	--	70	252591920115 G	
6.23	S/0/0254	STOP FOR CORRIDOR DOOR	06/4/43/3, ALT.-NIL	01	P 326/045 R 344/161	4 4	4	4	252526530115 G	
6.24	S/0/0257	STOP FOR DOOR	CLW/AC/32- 151, ALT.-D	01	P 346/062	4	4	--	251742300115 G	
6.25	S/99/0194	RUBBER CUSHION	03/4/44/75, ALT.2, REF.1	01	R 344/155	4	--	4	252590520115 G	
6.26	S/99/0195	RUBBER CUSHION	03/4/44/75, ALT.2, REF.2	01	R 344/156	4	--	4	252590640115 G	
6.27	S/99/0344	RUBBER CUSHION	03/4/47/269, ALT.-1	01	R 348/516 R 348/517	28 8	--	36	252590760115 G	
6.28	S/99/0154	RUBBER BLOCK	03/4/47/8, ALT.-3	01	R 348/053	6	--	6	252509300115 G	
7.	S/99/S/ 0356	Brass Pipe fittings of Pneumatic Brake System used in Electric Locomotive	CLW/TS/99/ CF-5, Alt-8	03	----	----	1 L/Set	1 L/Set	259857470115 J	Manufacturing Spares are taken @ 5%

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
7.1	S/99/0357	MALE CONNECTOR ¼" BSPT(M)x 6 O/D NYLON TUBE	0/4/65/433	01	R 354/389 P 354/287	18 18	18	18	259864480115 J	
7.2	S/99/0358	MALE CONNECTOR ⅜" BSPT (M) x 6 O/D NYLON TUBE	1209-18-406-108	01	R 354/409 P 354/288	2 2	2	2	259866500115 J	
7.3	S/99/0359	FEMALE CONNECTOR ¼" BSP(P) x 6 O/D NYLON TUBE	1209-18-406-107	01	R 354/410 P 354/289	6 6	6	6	S/99/0359015 J	
7.4	S/99/0360	FEMALE CONNECTOR ⅜" BSP (P) x 6 O/D NYLON TUBE	1209-18-406-107	01	R 354/411 P 354/290	12 12	12	12	S/99/0360015 J	
7.5	S/99/0361	MALE CONNECTOR ¼" BSP(T) x 10 O/D TUBE	0/4/65/437 Alt.1	01	R 354/420 P 354/292	4 4	4	4	S/99/0361015 J	
7.6	S/99/0362	MALE ELBOW ¼" BSP(T) x 10 O/D TUBE	0/4/65/436 Alt.1	01	R 354/421 P 354/293	8 8	8	8	S/99/0362015 J	
7.7	S/99/0363	UNION EQUAL TEE FOR 6mm O/D CU. PIPE	1209-18-406-109 Alt-5	01	R 354/368 P 354/302	4 4	4	4	252320100115 J	
7.8	S/99/0364	UNION EQUAL TEE FOR 6mm O/D NYLON TUBE	1209-18-406-109 Alt-5	01	R 354/388 P 354/303	4 4	4	4	259854740115 J	

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							WAG-7	WAP-4		
7.9	S/99/0365	MALE CONNECTOR M10 x 1-8 Deep for 6mm O/D CU. PIPE	0/4/65/433, Alt-1	01	R 354/390 P 354/304	18 18	18	18	259854980115 J	
7.10	S/99/0352	MALE CONNECTOR M10 x 1-8 Deep For 6mm O/D NYLON TUBE	0/4/65/433, Alt-1	01	R 354/426 P 354/305	10 10	10	10	259854860115 J	
7.11	S/99/0347	DOUBLE ENDED UNION FOR 6mm O/D CU. PIPE	0/4/ 65/430, ALT.-1, REF.-1 to 4,	01	R 354/367 P 354/306	4 4	4	4	252357830115 J	
7.12	S/0/0619	MALE CONNECTOR ½” Tube x ¾” BSPT	1209-18.406-100	01	P 349/654 R 349/679	2 2	2	2		
9.	S/99/0160	BUSH	03/4/36/77, ALT.-NIL	01	R 347/191	2	--	2	253740230115 K	Manufacturing Spares are taken @ 5%
10.	S/0/0275	HEX. UNION NUT	05/3/52/82, ALT.-7, REF.-3	01	P 355/438 R 355/030	1 1	1	1	252308400115 A	
11.	S/0/0590	FLANGE	03/4/20/2, ALT.-1	01	P 360/006 R 360/014	8 12	8	12	259808410115 T	
12.	S/0/0253	BACK SEAT ASSLY.	05/2/38/46, ALT.-6	01	P 346/135	4	4	--	251701070115 K	
13.	S/0/0500	GREASE NIPPLE	LA/GL155/M ALT.-2	01	P 222/116	28	28	--	253610340115 A	
14.	S/0/0368	FLEXIBLE HOSE Ø50	05/4/21/16	01	P 242/045	8	8	--	252301890115 G	

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
15.	S/0/0385	HOSE CLIP Ø 50	06/1/21/2, REF-13,ALT-6	01	P 242/046	8	8	--	256103140115 H	Manufacturing Spares are taken @ 5%
16.	S/0/0615	DISTANCE PIECE 13 O/D x 8 I/D x 16 mm Lg.	IS: 1239	01	P 349/013	4	4	--		
18.	S/99/0354	POP RIVET 4.8Ø x 14.7 Lg.	CLWMS3/091, Alt-5 1209-18.406-138 Ref-6, Alt-1	01	R 349/532 P 349/446	32 32	32	32	259867640115 A	
19.	S/99/0355	POP RIVET 4.8Ø x 21.1 Lg.	CLWMS3/091, Alt-5 1209-18.406-138 Ref-8, Alt-1	01	R 349/533 P 349/447	68 68	68	68	259867760115 A	Procurement will be done by three phase loco wing clubbing the requirements of this Category to their Cat. No.- M/9/0014
20.	S/0/0616	SCREW PHILIPS CSK. HD. M5 x 12 x 0.8P	182-00232-004	01	P 349/436 R 349/642	218 218	218	218	739871280115 A	Manufacturing Spares are taken @ 5%
21.	S/0/0617	SCREW PHILIPS CSK. HD. M6 x 20 x 1P	182-00233-006	01	P 349/440 R 349/646	144 144	144	144	739871300115 A	
22.	S/0/0618	SCREW PHILIPS CSK. HD. M8 x 20 x 1.25P	182-00319-006 Alt.2	01	P 349/441 R 349/647	8 8	8	8	739871410115 A	
23.	S/90/S/ 0056	Set of Brass Items used in WAG-7 Loco for Shop 19	---	03	---	--	1L/Set			
23.1	---	MALE SIMPLE UNION 52.20 / (15-21)	CLW/AC/134, ALT.-9	01	P 353/050	1	1			

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
23.2	---	UNION ASSLY. FOR Ba PIPING	02/4/53/37 ALT.-4	01	P 356/223 P 356/252 P 356/400	14 14 2	30			
23.3	---	MALE SIMPLE UNION 52.10 / (12-1.25)	CLW/AC/134, ALT.-9	01	P 356/222 P 356/236 P 356/251	14 2 14	30			
23.4	---	DOUBLE UNION 51-10	CLW/AC/135, ALT.-8	01	P 356/284 P 354/167	20 15	35			
23.5	---	FEMALE SIMPLE UNION 53.10 /(8-13)	CLW/AC/137, ALT.-6	01	P 354/137	24	24			
23.6	---	UNION EQUAL TEE 17.10	CLW/AC/140 ALT.-5	01	P 353/419 P 354/136 P 356/285	9 2 3	14			
24	S/90/S/0057	Set of MCI Items used in WAG-7 Loco for Shop 16	---	03	---	---	1L/Set			
24.1	---	SOCKET (T)21-27	0/3/65/4,ALT-7	01	P 303/628	3	3			
24.2	---	UNION FEMALE (26-34)	0/3/65/8, ALT-8	01	P 303/622	9	9			
24.3	---	UNION MALE & FEMALE (15-21)	0/3/65/9, ALT-9	01	P 303/742 P 353/045 P 356/362	1 1 1	3			
24.4	---	UNION TEE FEMALE 'B' (12-17)	0/3/65/12, ALT.-6	01	P 353/558 P 354/134	2 4	6			

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
24.5	---	UNION TEE FEMALE ‘B’ (21-27)	0/3/65/12, ALT.-6	01	P 303/637	3	3			
24.6	---	UNION TEE FEMALE ‘B’ (33-42)	0/3/65/12, ALT.-6	01	P 303/606 P 303/719	3 3	6			
24.7	---	UNION TEE FEMALE ‘A’ (12-17)	0/3/65/13, ALT.-6	01	P 353/551 P 354/131 P 353/583	2 2 2	6			
24.8	---	UNION TEE FEMALE ‘A’ (26-34)	0/3/65/13, ALT.-6	01	P 314/068	1	1			
24.9	---	UNION TEE FEMALE ‘A’ (33-42)	0/3/65/13, ALT.-6	01	P 303/605	2	2			
24.10	---	UNION FEMALE (8 - 13)	0/3/65/8, ALT.-8	01	P 354/139 P 356/308 P 303/646	6 4 2	12			
24.11	---	UNION FEMALE (12 - 17)	0/3/65/8, ALT.-8	01	P 303/648 P 354/127 P 356/204 P 356/227 P 356/256 P 356/398	4 8 2 1 1 1	17			
24.12	---	UNION FEMALE (21-27)	0/3/65/8, ALT.-8	01	P 303/618 P 354/111 P 356/200 P 360/017	11 8 7 8	34			

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
24.13	---	UNION FEMALE (33-42)	0/3/65/8, ALT.-8	01	P 303/602 P 354/098 P 354/269	4 2 2	8			
24.14	---	UNION MALE & FEMALE (21-27)	0/3/65/9, ALT.-9	01	P 302/741	2	2			
24.15	---	UNION ELBOW FEMALE (8-13)	0/3/65/10, ALT.-8	01	P 303/645 P 310/054 P 354/209	4 4 7	15			
24.16	---	UNION ELBOW FEMALE (12-17)	0/3/65/10, ALT.-8	01	P 356/363 P 353/053 P 353/355 P 353/384 P 353/557 P 354/129 P 303/695	10 1 8 7 1 14 1	42			
24.17	---	UNION ELBOW FEMALE (15-21)	0/3/65/10, ALT.-8	01	P 303/608 P 353/356 P 354/119 P 356/145	37 22 13 21	93			
24.18	---	UNION ELBOW FEMALE (21-27)	0/3/65/10, ALT.-8	01	P 303/617 P 354/109 P 356/199 P 360/016 P 366/281	46 15 2 2 2	67			
24.19	---	UNION ELBOW FEMALE (26-34)	0/3/65/10, ALT.-8	01	P 303/625 P 354/101	3 2	5			

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
24.20	---	UNION ELBOW FEMALE (33-42)	0/3/65/10, ALT.-8	01	P 303/603 P 303/717 P 354/235 P 354/237	37 3 4 4	48			
24.21	---	UNION TEE FEMALE ‘B’ (15-21)	0/3/65/12, ALT.-6	01	P 353/091 P 353/193 P 353/227 P 353/358 P 356/292 P 303/693 P 303/633	1 1 2 1 2 3 5	15			
24.22	---	UNION TEE FEMALE ‘A’ (21-27)	0/3/65/13, ALT.-6	01	P 303/626 P 354/112 P 360/005	10 2 6	18			
24.23	---	UNION FEMALE (15-21)	0/3/65/8 ALT.-8	01	P 303/609 P 356/385 P 356/399 P 356/014 P 303/698	25 1 1 44 1	72			
24.24	---	UNION TEE FEMALE A (15-21)	0/3/65/13 Alt.6	01	P 303/632 P 352/051 P 353/357 P 354/113 P 356/146 P 314/061 P 303/692	2 2 1 2 6 3 1	17			
25	S/90/S/0058	Set of MCI Items used in WAG-7 Loco for Shop 19	---	03	---	--	--			

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
25.1	---	CAP NUT (12 – 17)	0/3/65/3, ALT.-9	01	P 356/228 P 356/257	2 2	4			
25.2	---	UNION TEE FEMALE ‘B’ (15- 21)	0/3/65/12, ALT.-6	01	P 303/633	6	6			
26	S/90/S/ 0059	Set of MCI Items used in WAG-7 Loco for Shop 26	---	03	---	--	--			
26.1	---	UNION FEMALE (33-42)	0/3/65/8, ALT.-8	01	P 303/602	4	4			
26.2	---	UNION ELBOW FEMALE (15-21)	0/3/65/10, ALT.-8	01	P 303/608	4	4			
26.3	---	UNION FEMALE (15-21)	0/3/65/8 ALT.-8	01	P 303/609	2	2			
26.4	---	UNION TEE FEMALE A (33-42)	0/3/65/13 Alt.6	01	P 303/605	1	1			
27	S/90/S/ 0060	Set of Steel Items used in WAG-7 Loco for Shop 16	---	03	---		---			
27.1	---	THREAD END PIECE (P) (21-27)	CLW/AC/126, ALT.-5	01	P 303/706 P 353/553 P 356/196	1 1 2	4			
27.2	---	THREAD END PIECE (P) (26-34)	CLW/AC/126, ALT.-5	01	P 303/623 P 353/411	3 3	6			
27.3	---	THREAD END PIECE (P) (33-42)	CLW/AC/126, ALT.-5	01	P 303/615 P 303/714	2 4	6			

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
27.4	---	BACK NUT (26-34)	CLW/AC/124 ALT.-10	01	P 303/624	5	5			
27.5	---	BACK NUT (33-42)	CLW/AC/124 ALT.-10	01	P 303/715 P 354/265	4 4	8			
27.6	---	SOCKET (P) 15-21	CLW/AC/124 ALT.-10	01	P 353/419	1	1			
27.7	---	SOCKET (P) 21-27	CLW/AC/124 ALT.-10	01	P 356/194	2	2			
27.8	---	TAPER NIPPLE (12-17)	CLW/AC/132 ALT.-4	01	P 354/238	18	18			
27.9	---	TAPER NIPPLE (26-34)	CLW/AC/132 ALT.-4	01	P 354/355	4	4			
27.10	---	TAPER NIPPLE (33-42)	CLW/AC/132 ALT.-4	01	P 303/601 P 303/721	5 2	7			
27.11	---	REDUCING NIPPLE TAPER (27x21R)	CLW/AC/131 ALT.-5	01	P 303/627 P 324/189	3 2	5			
27.12	---	REDUCING NIPPLE TAPER (42x27R)	CLW/AC/131 ALT.-5	01	P 303/654	3	3			
27.13	---	REDUCING NIPPLE TAPER (21x17R)	CLW/AC/131 ALT.-5	01	P 353/563 P 303/701 P 303/682	1 2 1	4			
27.14	---	REDUCING NIPPLE (P) (21x17R)	CLW/AC/131 ALT.-5	01	P 353/528 P 356/365	1 2	3			
27.15	---	REDUCING NIPPLE 1¼"NPT x 1"BSP(T)	03/65/256, ALT.-6	01	P 354/100	5	5			
27.16	---	REDUCING NIPPLE 5/8" x 1/2"R	05/4/65/5, ALT- 3	01	P 353/510 P 356/371	2 1	3			

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
27.17	---	NIPPLE 3/4"BSP(T)x3/4"NP T	0/3/65/251, ALT.-3	01	P 353/439 P 354/116	1 1	2			
27.18	---	SPL. REDUCING NIPPLE (34Px 27T)	0/3/65/70, ALT.-10	01	P 303/619 P 353/553	1 2	3			
27.19	---	SPL. REDUCING NIPPLE (27Px21T)	0/3/65/70, ALT.-10	01	P 303/658 P 353/500 P 356/287	2 2 2	6			
27.20	---	SPL. REDUCING NIPPLE (34Px42T)	0/3/65/70, ALT.-10	01	P 303/653	2	2			
27.21	---	SPL. REDUCING NIPPLE (21Px27T)	0/3/65/70, ALT.-10	01	P 354/371	2	2	8	739871410115 A	
27.22	---	ELBOW W.V. 90° (15 – 21)	CLW/AC/201, ALT.-1	01	P 303/612	7	7			
27.23	---	THREAD END PIECE (T) (8-13)	0/3/65/15, ALT.-4	01	P 303/613 P 354/138	7 7	14			
27.24	---	THREAD END PIECE (T) (12-17)	0/3/65/15, ALT.-4	01	P 303/647 P 353/052 P 353/367 P 353/387 P 353/549 P 354/128 P 356/205 P 356/248 P 356/397 P 353/567	8 6 10 3 42 7 3 3 1 2	85			

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
27.25	---	THREAD END PIECE (T) (15-21)	0/3/65/15, ALT.-4	01	P 303/611 P 303/747 P 353/039 P 354/117 P 356/012 P 356/247 P 357/115 P 356/357 P 353/369	14 15 12 12 26 1 12 2 5	99			
27.26	---	THREAD END PIECE (T) (21-27)	0/3/65/15, ALT.-4	01	P 353/547 P 354/108 P 366/278 P 366/269	3 13 1 10	27			
27.27	---	THREAD END PIECE (T) (26-34)	0/3/65/15, ALT.-4	01	P 354/106 P 303/620 P 242/048	8 3 3	14			
27.28	---	THREAD END PIECE (T) (33-42)	0/3/65/15, ALT.-4	01	P 303/600	18	18			
27.29	---	THREAD END PIECE (P) (15-21)	CLW/AC/126 ALT.-5	01	P 353/370 P 353/042 P 354/123	3 2 3	8			
27.30	---	THREAD END PIECE 3/8"NPT (12-17)	0/3/65/257, ALT.-3	01	P 354/130	4	4			
27.31	---	BACK NUT (12-17)	CLW/AC/124 ALT.-10	01	P 353/372 P 354/133 P 356/305 P 353/562	1 1 1 1	4			
27.32	---	BACK NUT (15-21)	CLW/AC/124 ALT.-10	01	P 303/640	3	3			

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
27.33	---	BACK NUT (21-27)	CLW/AC/124 ALT.-10	01	P 303/707 P 353/556 P 356/195 P 356/289	1 1 1 1	4			
27.34	---	TAPER NIPPLE (15-21)	CLW/AC/132 ALT.-4	01	P 303/634 P 353/360 P 356/286	7 9 8	24			
27.35	---	TAPER NIPPLE (21-27)	CLW/AC/132 ALT.-4	01	P 354/253 P 366/272 P 356/386	2 1 5	8			
27.36	---	NIPPLE (T & P) (8-13)	CLW/AC/132 ALT.-4	01	P 303/638	17	17			
27.37	---	NIPPLE (T & P) (12-17)	CLW/AC/132 ALT.-4	01	P 353/054 P 353/203 P 353/363 P 353/388 P 354/126 P 303/696	1 3 7 6 26 5	48			
27.38	---	NIPPLE (T & P) (15-21)	CLW/AC/132 ALT.-4	01	P 303/635 P 353/362 P 354/120 P 357/120 P 356/068 P 303/691	9 4 25 4 11 4	57			
27.39	---	NIPPLE (T & P) (21-27)	CLW/AC/132 ALT.-4	01	P 303/629 P 353/546	10 4	14			
27.40	---	NIPPLE (T & P) (33-42)	CLW/AC/132 ALT.-4	01	P 303/614 P 354/267	18 10	28			

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
27.41	---	PARALLEL NIPPLE (15-21)	CLW/AC/132 ALT.-4	01	P 303/656 P 353/044 P 353/364 P 353/389 P 356/235 P 357/321	1 1 1 1 1 3	8			
27.42	---	SPL. REDUCING NIPPLE (17Px13T)	0/3/65/70, ALT.-10	01	P 354/144 P 356/293	5 5	10			
27.43	---	SPL. REDUCING NIPPLE (21Px17T)	0/3/65/70, ALT.-10	01	P 353/365 P 356/218 P 356/233 P 353/385	2 1 1 6	10			
27.44	---	SPL. REDUCING NIPPLE (17Px21T)	0/3/65/70, ALT.-10	01	P 354/124 P 356/156 P 357/315 P 303/697	5 1 3 8	17			
27.45	---	ELBOW W.V. 90° (21 – 27)	CLW/AC/201, ALT.-1	01	P 303/630	7	7			
27.46	---	ELBOW W.V. 90° (26 – 34)	CLW/AC/201, ALT.-1	01	P 242/053	12	12			
27.47	---	ELBOW W.V. 90° (33 – 42)	CLW/AC/201, ALT.-1	01	P 303/604 P 303/732	9 3	12			
27.48	---	THREADED END PIECE ½” NPT (15-21)	0/3/65/257 Alt.3	01	P 353/408	3	3			
27.49	---	REDUCING NIPPLE 21Tx13R	CLW/AC/131 Alt.5	01	P 303/631	2	2			
27.50	---	PARALLEL NIPPLE 12-17	CLW/AC/132 Alt.4	01	P 303/690	1	1			

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
28	S/90/S/0061	Set of Steel Items used in WAG-7 Loco for Shop 19	---	03	---	--	--			
28.1	---	SPL. SCREW PLUG 3/8" BSP (12-17)	CLW/AC/144 ALT.-8	01	P 356/384 P 353/065	1 1	2			
28.2	---	THREAD END PIECE (T) (8-13)	0/3/65/15, ALT.-4	01	P 356/151	2	2			
28.3	---	NIPPLE (T & P) (15-21)	CLW/AC/132 ALT.-4	01	P 353/041 P 356/226 P 356/232 P 356/255	3 1 1 1	6			
28.4	---	NIPPLE (T & P) (21-27)	CLW/AC/132 ALT.-4	01	P 356/198	4	4			
29	S/90/S/0062	Set of Steel Items used in WAG-7 Loco for Shop 26	---	--	---	--	--			
29.1	---	THREADED END PIECE T (8-13)	0/3/65/15 Alt.4	01	P303/613	2	2			
29.2	---	W.V.ELBOW 90 (33-42)	CLW/AC/201 Alt.1	01	P303/604	12	12			
29.3	---	BICONICAL RING (15 – 21)	CLW/AC/130 ALT.-1	01	P 303/610	2	2			
29.4	---	BICONICAL RING (33 – 42)	CLW/AC/130 ALT.-1	01	P 303/599	2	2			
29.5	---	THREAD END PIECE (T) (15-21)	0/3/65/15, ALT.-4	01	P 303/611	10	10			
29.6	---	THREAD END PIECE (T) (21-27)	0/3/65/15, ALT.-4	01	P 303/607 P 303/278	1 1	2			

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
29.7	---	THREAD END PIECE (T) (33-42)	0/3/65/15, ALT.-4	01	P 303/600 P 303/203	6 6	12			
30.	S/99/S/ 0366	Set of Brass items for WAP-4 loco used in Shop-16	---	03	---	--	--	1L/ Set		
30.1	---	MALE CONNECTOR FOR 6mm O/D.Cu. PIPE	0/4/ 65/433, REF.-1,2,4 & 5	01	R 354/390	18		18		
30.2	---	UNION FEMALE 53.10 (12-17)	CLW/AC/137 ALT.-7	01	R 356/220	6		6		
30.3	---	UNION TEE 25O/D Cu. TUBE	1209-18.406-103 Alt.7 Sl.No.7	01	R356/331	2		2		
30.4	---	UNION TEE 20O/D Cu. TUBE	1209-18.406-103 Alt-7 Sl.No.5	01	R356/332	2		2		
30.5	---	UNION TEE 10O/D Cu. TUBE	1209-18.406-103 Alt.7 Sl.No.6	01	R356/333 R314/903	1 1		2		
30.6	---	UNION 25O/D Cu. TUBE	1209-18.406-102 Alt.6 Sl.No.7	01	R356/334	1		1		
30.7	---	UNION 20O/D Cu. TUBE	1209-18.406-102 Alt.6 Sl.No.5	01	R356/335	2		2		
30.8	---	UNION 10O/D Cu. TUBE	1209-18.406-102 Alt.6 Sl.No.6	01	R356/336	6		6		
30.9	---	MALE CONNECTOR ¾” BSPT x 25mm O/D Cu. TUBE	1209-18.406-100 Alt.6 Sl.No.16	01	R356/337	1		1		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
30.10	---	MALE CONNECTOR 3/8” BSPT x 10mm O/D Cu. TUBE	1209-18.406-098 Alt.3 Sl.No.5	01	R356/339	1		1		
30.11	---	ADAPTOR 250/D PIPE x 200/D Cu. TUBE	1209-18.406-112 Alt.4 Sl.No.5	01	R356/340	1		1		
30.12	---	ADAPTOR 200/D PIPE x 100/D Cu. TUBE	1209-18.406-112 Alt.4 Sl.No.4	01	R356/341	2		2		
30.13	---	UNION ELBOW 250/D Cu. TUBE	1209-18.406-105 Alt.8 Sl.No-6	01	R356/342	2		2		
30.14	---	UNION ELBOW 200/D Cu. TUBE	1209-18.406-105 Alt.8 Sl.No-4	01	R356/343	4		4		
30.15	---	UNION ELBOW 100/D Cu. TUBE	1209-18.406-105 Alt.8 Sl.No-5	01	R356/344	2		2		
30.16	---	FEMALE CONNECTOR ¾” BSPT x 25mm O/D Cu. TUBE	1209-18.406-104 Alt.7 Sl.No-8	01	R356/350	1		1		
30.17	---	FEMALE CONNECTOR 3/8” BSPT x 20mm O/D Cu. TUBE	1209-18.406-104 Alt.7 Sl.No-7	01	R356/351	2		2		
30.18	---	¼” MALE x 3/8” FEMALE ELBOW	1209-18.406-101 Alt.6 Sl.No-14	01	R314/901	1		1		
30.19	---	UNION FEMALE ELBOW ½” BSPT x 20 O/D TUBE	1209-18.406-114 Alt.6 Sl.No-3	01	R314/911	2		2		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
30.20	---	UNION FEMALE ELBOW ¾” BSPT x 25 O/D TUBE	1209-18.406-114 Alt.6 SI.No-5	01	R314/910	1		1		
31.	S/99/S/0367	Set of Brass items for WAP-4 loco used in Shop-19	---	03	---	--	--	1L/ Set		
31.1	---	UNION ASSLY. FOR Ba PIPING	02/4/53/37 ALT.-4	01	R 356/183 R 356/299	34 2		36		
31.2	---	MALE SIMPLE UNION 52.10 / (12-1.25)	CLW/AC/134, ALT.-9	01	R 356/182 R 356/287	34 2		36		
31.3	---	UNION FEMALE 53.10 (12-17)	CLW/AC/137 ALT.-6	01	R 356/220	1		1		
31.4	---	DOUBLE UNION 51-10	CLW/AC/135, ALT.-8	01	R 356/206 R 354/196 R 353/412	16 26 1		43		
31.5	---	FEMALE SIMPLE UNION 53.10 / (8-13)	CLW/AC/137, ALT.-6	01	R 354/195	24		24		
31.6	---	UNION EQUAL TEE 17.10	CLW/AC/140 ALT.-5	01	R 354/237 R 356/207	4 3		7		
32.	S/99/S/0368	Set of MCI Items used in WAP-4 Loco for Shop 16	---	--	---	--	--	1L/ Set		
32.2	---	SOCKET (T) 21-27	0/3/65/4, ALT-7	01	R 314/390	4		4		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
32.3	---	UNION FEMALE (26-34)	0/3/65/8, ALT-8	01	R 354/183 R 357/185 R 314/380	6 2 3		11		
32.4	---	UNION MALE & FEMALE (15-21)	0/3/65/9, ALT-10	01	R 314/401	2		2		
32.5	---	UNION TEE FEMALE‘B’ (21-27)	0/3/65/12, ALT.-6	01	R 356/203	1		1		
32.6	---	UNION TEE FEMALE ‘B’(26-34)	0/3/65/12, ALT.-6	01	R 354/296	2		2		
32.7	---	UNION TEE FEMALE‘A’(12-17)	0/3/65/13, ALT.-6	01	R 354/142	6		6		
32.8	---	UNION TEE FEMALE ‘A’(26-34)	0/3/65/13, ALT.-6	01	R 357/184	1		1		
32.9	---	UNION TEE FEMALE‘A’ (33-42)	0/3/65/13, ALT.-6	01	R 314/695	2		2		
32.10	---	UNION FEMALE (15-21)	0/3/65/8, ALT.- 8	01	R 314/395 R 314/567 R 353/097 R 356/266 R 356/046 R 356/189 R 357/586 R 354/353 R 356/298 R 353/517	11 1 5 4 22 7 3 6 1 1		61		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
32.11	---	UNION FEMALE (21-27)	0/3/65/8, ALT.-8	01	R 354/184 R 356/029 R 356/202 R 314/389 R 360/027	4 2 10 10 8		39		
32.12	---	UNION FEMALE (33-42)	0/3/65/8, ALT.-8	01	R 314/370 R 357/111 R 354/364	8 5 2		15		
32.13	---	UNION MALE & FEMALE (21-27)	0/3/65/9, ALT.-10	01	R 354/186 R 360/009	2 4		6		
32.14	---	UNION ELBOW FEMALE (8-13)	0/3/65/10, ALT.-9	01	R 314/595	2		2		
32.15	---	UNION ELBOW FEMALE (12-17)	0/3/65/10, ALT.-9	01	R 353/135 R 354/144 R 356/125 R 353/479 R 353/493	3 18 2 10 10		43		
32.16	---	UNION ELBOW FEMALE (15-21)	0/3/65/10, ALT.-9	01	R 353/494 R 356/315 R 314/568 R 314/396 R 353/129 R 354/243 R 356/041 R 357/587 R 356/272 R 356/292	3 10 2 36 2 6 16 9 2 7		93		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
32.17	---	UNION ELBOW FEMALE (21-27)	0/3/65/10, ALT.-9	01	R 314/384 R 354/137 R 356/031 R 356/201	40 18 1 15		74		
32.18	---	UNION ELBOW FEMALE (26-34)	0/3/65/10, ALT.-9	01	R 314/376 R 354/134	11 15		26		
32.19	---	UNION ELBOW FEMALE (33-42)	0/3/65/10, ALT.-9	01	R 314/365 R 354/286 R 357/113 R 314/696	17 2 2 7		28		
32.20	---	UNION TEE FEMALE ‘B’ (15-21)	0/3/65/12, ALT.-6	01	R 314/400 R 353/103	6 7		13		
32.21	---	UNION TEE FEMALE ‘A’ (15-21)	0/3/65/13, ALT.-6	01	R 314/398 R 314/569 R 353/130 R 354/267 R 353/549	8 3 2 2 1		16		
32.22	---	UNION TEE FEMALE ‘A’ (21-27)	0/3/65/13, ALT.-6	01	R 356/209 R 360/007	7 10		17		
33	S/99/S/0369	Set of MCI Items used in WAP-4 Loco for Shop 19	---	03	---	--	--	1L/ Set		
33.1	---	CAP NUT (12 – 17)	0/3/65/3, ALT.-10	01	R 356/184 R 356/312	2 1		3		
33.2	---	CAP NUT (21 – 27)	0/3/65/3, ALT.-10	01	R 357/605	2		2		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
33.3	---	UNION FEMALE (8 - 13)	0/3/65/8, ALT.-8	01	R 356/115	2		2		
33.4	---	UNION FEMALE (15-21)	0/3/65/8, ALT.- 8	01	R 356/298 R 353/517	3 4		7		
34	S/99/S/ 0370	Set of MCI Items used in WAP-4 Loco for Shop-26	---	--	---	--	--	1L/ Set		
34.1	---	UNION FEMALE (26-34)	0/3/65/8, ALT-8	01	R 314/380	6		6		
34.2	---	UNION TEE FEMALE ‘B’ (21-27)	0/3/65/12, ALT.-7	01	R 314/386	2		2		
34.3	---	UNION TEE FEMALE ‘A’ (26-34)	0/3/65/13, ALT.-7	01	R 314/617	2		2		
35	S/99/S/ 0371	Set of Steel Items used in WAP-4 Loco for Shop 16	---	--	---	--	--	1L/ Set		
35.1	---	THREAD END PIECE (P) (33-42)	CLW/AC/126, ALT.-5	01	R 314/693 R 314/822	1 1		2		
35.2	---	SOCKET (P) 15-21	CLW/AC/124 ALT.-10	01	R 356/268	2		2		
35.3	---	SOCKET (P) 21-27	CLW/AC/124 ALT.-10	01	R 356/032	2		2		
35.4	---	TAPER NIPPLE (8-13)	CLW/AC/132 ALT.-4	01	R 314/413 R 354/375	4 4		8		
35.5	---	TAPER NIPPLE (12-17)	CLW/AC/132 ALT.-4	01	R 353/499	11		11		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
35.6	---	TAPER NIPPLE (26-34)	CLW/AC/132 ALT.-4	01	R 354/355	2		2		
35.7	---	TAPER NIPPLE (33-42)	CLW/AC/132 ALT.-4	01	R 314/697 R 314/674	3 3		6		
35.8	---	NIPPLE (T & P) (26-34)	CLW/AC/132 ALT.-4	01	R 314/381	9		9		
35.9	---	PARALLEL NIPPLE (21-27)	CLW/AC/132 ALT.-4	01	R 314/821	1		1	Not required	
35.10	---	PARALLEL NIPPLE (33-42)	CLW/AC/132 ALT.-4	01	R 314/382	1		1		
35.11	---	REDUCING NIPPLE TAPER (27x21R)	CLW/AC/131 ALT.-5	01	R 356/210	4		4		
35.12	---	REDUCING NIPPLE TAPER (42x27R)	CLW/AC/131 ALT.-5	01	R 314/582	1		1	Not required	
35.13	---	REDUCING NIPPLE TAPER (21x17R)	CLW/AC/131 ALT.-5	01	R 353/595 R 354/354	1 4		5		
35.14	---	REDUCING NIPPLE (P) (21x17R)	CLW/AC/131 ALT.-5	01	R 353/521 R 353/545 R 353/573	1 1 1		3	Not required	
35.15	---	REDUCING NIPPLE 1¼"NPT x 1"BSP(T)	0/3/65/256, ALT.-6	01	R 354/182	4		4		
35.16	---	NIPPLE ¾"BSP(T)x¾"NP T	0/3/65/251, ALT.-3	01	R 354/181 R 353/544	2 2		4		
35.17	---	SPL. REDUCING NIPPLE (34Px 27T)	0/3/65/70, ALT.-10	01	R 314/578 R 353/550	2 2		4		
35.18	---	SPL. REDUCING NIPPLE (27Px21T)	0/3/65/70, ALT.-10	01	R 353/101 R 314/721	2 2		4		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
35.19	---	SPL. REDUCING NIPPLE (21Px27T)	0/3/65/70, ALT.-10	01	R 354/351	2		2		
35.20	---	ELBOW W.V. 90° (15 – 21)	CLW/AC/201, ALT.-1	01	R 354/244 R 353/232	4 2		6		
35.21	---	MALE SIMPLE UNION 52.20 / (15-21)	CLW/AC/134, ALT.-9	01	R 353/093	1		1		
35.22	---	THREAD END PIECE (T) (8-13)	0/3/65/15, ALT.-4	01	R 354/189 R 314/579 R 356/051 R 314/831	7 2 3 2		14		
35.23	---	THREAD END PIECE (T) (12-17)	0/3/65/15, ALT.-4	01	R 353/481 R 353/504 R 356/296 R 356/122 R 314/405 R 353/133 R 354/146 R 356/185	5 3 3 20 9 20 23 2		85		
35.24	---	THREAD END PIECE (T) (15-21)	0/3/65/15, ALT.-4	01	R 314/394 R 353/096 R 353/506 R 354/150 R 356/040 R 356/271 R 357/585	23 14 5 2 41 09 11		105		
35.25	---	THREAD END PIECE (T) (21-27)	0/3/65/15, ALT.-4	01	R 314/385 R 357/645	20 1		21		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
35.26	---	THREAD END PIECE (T) (26-34)	0/3/65/15, ALT.-4	01	R 310/054 R 357/186 R 354/135	4 3 9		16		
35.27	---	THREAD END PIECE (T) (33-42)	0/3/65/15, ALT.-4	01	R 314/364 R 314/691 R 357/112	12 7 1		20		
35.28	---	THREAD END PIECE (P) (12-17)	CLW/AC/126 ALT.-5	01	R 314/850	2		2	Not required	
35.29	---	THREAD END PIECE 3/8"NPT (12-17)	0/3/65/257, ALT.-3	01	R 354/180 R 353/261 R 353/525	8 3 3		14		
35.30	---	BACK NUT (12-17)	CLW/AC/124 ALT.-10	01	R 353/509	4		4		
35.31	---	BACK NUT (15-21)	CLW/AC/124 ALT.-10	01	R 356/186 R 356/307 R 314/849	1 1 1		3		
35.32	---	BACK NUT (21-27)	CLW/AC/124 ALT.-10	01	R 356/269	4		4		
35.33	---	TAPER NIPPLE (15-21)	CLW/AC/132 ALT.-4	01	R 353/571	10		10		
35.34	---	TAPER NIPPLE (21-27)	CLW/AC/132 ALT.-4	01	R 314/391 R 356/221	6 3		9		
35.35	---	NIPPLE (T & P) (12-17)	CLW/AC/132 ALT.-4	01	R 353/134 R 354/148 R 356/197 R 353/385 R 353/482 R 353/501	2 10 21 2 4 6		45		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
35.36	---	NIPPLE (T & P) (15-21)	CLW/AC/132 ALT.-4	01	R 314/399 R 314/570 R 353/100 R 356/285 R 357/588 R 353/500 R 354/268 R 356/045	10 6 8 1 3 3 7 3		41		
35.37	---	NIPPLE (T & P) (21-27)	CLW/AC/132 ALT.-4	01	R 314/383 R 356/030	8 6		14		
35.38	---	NIPPLE (T & P) (33-42)	CLW/AC/132 ALT.-4	01	R 314/368 R 314/698 R 354/285	16 6 5		27		
35.39	---	PARALLEL NIPPLE (15-21)	CLW/AC/132 ALT.-4	01	R 353/102	3		3		
35.40	---	SPL. REDUCING NIPPLE (17Px13T)	0/3/65/70, ALT.-10	01	R 354/242	10		10		
35.41	---	SPL. REDUCING NIPPLE (21Px17T)	0/3/65/70, ALT.-10	01	R 356/124 R 356/286 R 353/480 R 353/618	3 1 1 2		7		
35.42	---	SPL. REDUCING NIPPLE (17Px21T)	0/3/65/70, ALT.-10	01	R 356/047 R 354/188	6 6		12		
35.43	---	ELBOW W.V. 90° (21 – 27)	CLW/AC/201, ALT.-1	01	R 354/191	2		2		
35.44	---	ELBOW W.V. 90° (26 – 34)	CLW/AC/201, ALT.-1	01	R 354/194	5		5		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
35.45	---	ELBOW W.V. 90° (33 – 42)	CLW/AC/201, ALT.-1	01	R 314/366 R 357/109	8 6		14		
35.46	---	SPL. REDUCING NIPPLE 21Tx3/8P	0/3/65/70	01	R314/909	1		1		
35.47	---	THREADED END PIECE (P) (21-27)	CLW/AC/126 Alt.5	01	R 353/526	2		2		
35.48	---	THREADED END PIECE (P) (26-34)	CLW/AC/126 Alt.5	01	R 310/055	8		8		
35.49	---	THREADED END PIECE (P) (15-21)	CLW/AC/126 Alt.5	01	R 314/403 R 356/187 R 356/306	4 4 2		10		
35.50	---	BACK NUT (26-34)	CLW/AC/124 Alt.10	01	R 353/561	9		9		
35.51	---	NIPPLE (T&P) (26- 34)	CLW/AC/132 Alt.4	01	R 314/381	9		9		
35.52	---	DOUBLE UNION (51-10)	CLW/AC/135 Alt.8	01	R 356/182 R 356/287	44 9		53		
35.53	---	EQUAL TEE 17-10	CLW/AC/140 Alt.5	01	R 354/237 R 356/207 R 353/266	4 3 7		14		
35.54	---	SPL. REDUCING NIPPLE 34Px42T	0/3/65/70 Alt.10	01	R 314/374	2		2		
35.55	---	REDUCING NIPPLE 5/8” X ½”R	05/4/65/5 Alt.3	01	R 353/104 R 356/226	1 1		2		
36.	S/99/S/ 0372	Set of Steel Items used in WAP-4 Loco for Shop 19	---	--	---	--	--	1L/ Set		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
36.1	---	THREAD END PIECE (T) (12-17)	0/3/65/15, ALT.-4	01	R 356/291	6		06		
36.2	---	THREAD END PIECE (T) (15-21)	0/3/65/15, ALT.-4	01	R 356/291 R 356/195	2 6		08		
36.3	---	THREAD END PIECE (P) (15-21)	CLW/AC/126 ALT.-5	01	R 314/403 R 353/127 R 357/596 R 355/563 R 356/042	2 1 1 1 1		06		
36.4	---	THREAD END PIECE 3/8"NPT (12-17)	0/3/65/257, ALT.-3	01	R 353/261 R 353/525	3 3		06		
36.5	---	BACK NUT (15-21)	CLW/AC/124 ALT.-10	01	R 314/402 R 353/128 R 356/307 R 314/849 R 353/508	1 1 2 1 1		06		
36.6	---	BACK NUT (21-27)	CLW/AC/124 ALT.-10	01	R 356/269	4		4		
36.7	---	TAPER NIPPLE (15-21)	CLW/AC/132 ALT.-4	01	R 314/724 R 356/204 R 314/720 R 356/234	1 2 6 1		10		
36.8	---	TAPER NIPPLE (21-27)	CLW/AC/132 ALT.-4	01	R 356/221	3		3		
36.9	---	NIPPLE (T & P) (15-21)	CLW/AC/132 ALT.-4	01	R 356/188	5		5		

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
36.10	---	PARALLEL NIPPLE (15-21)	CLW/AC/132 ALT.-4	01	R 353/102 R 357/606 R 314/722 R 353/483	3 1 5 1		10		
37	S/99/S/0373	Set of Steel Items used in WAP-4 Loco for Shop 26	---	--	---	--		1L/ Set		
37.1	---	NIPPLE (T & P) (26-34)	CLW/AC/132 ALT.-4	01	R 314/381	2		2		
37.2	---	THREAD END PIECE(T) (26-34)	0/3/65/15, ALT.-4	01	R 314/375	5		5		
37.3	---	THREAD END PIECE(P) (15-21)	CLW/AC/126 ALT.-5	01	R 356/187 R 356/306 R 353/507	1 1 1		3		
38	S/0/0623	Pre Cut & Pre Bent Stainless Steel Pipes and Pipes fittings in complete sets for WAG-7 & WAP-4 Locos.	06/0/34/40 06/0/34/41 03/0/37/53 03/0/34/79 03/0/34/80	03	P303/809 P303/810 P354/443 R354/430 R314/920 R314/921	1L/S	1L/S	1L/S		
39	S/90/0063	Flexible Hose Assly for No.1 End (3/8”) for WAG-7 Loco.	1209-18.306-047 Alt-2	01	P308/062	2	2	--		
40	S/99/0378	Flexible Hose Assly for No.2 End (3/8”) for WAP-4 Loco.	1209-18.306-048 Alt-2	01	R308/005	2	--	2		

CATEGORY “S” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
41	S/0/0622	Coupling Quick-Disconnect (1/2” Parallel)	1209-18.406-095 Alt-2	01	P308/066 R308/009	2 2	2	2		
42	S/99/0375	Cussion Unistrut (consisting 55 parts)	1209-18.406-117	22	R 356/338	4M	--	4M		
43	S/99/0376	Socket ¾”	1209-18.406-075 Sl-5	01	R314/914	1	--	1		
44	S/99/0377	Socket 3/8”	1209-18.406-075 Sl-6	01	R314/915	1	--	1		
45	S/99/S/0380	Set of Clamps for WAP-4 Loco for Shop-16	---	03	--	1L/Set	--	1L/Set		
(a)	--	Pipe Clip 25 O/D Cu. Tube	1209-18.406-057 Sl. No. 2	01	R 356/345	11	--	11		
(b)	--	Pipe Clip 10 O/D Cu. Tube	1209-18.406-057 Sl. No. 4	01	R 356/347	21	--	21		
(c)	--	Pipe Clip 20 O/D Cu. Tube	1209-18.406-057 Sl. No. 5	01	R 356/346	22	--	22		

CATEGORY “T” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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CATEGORY "T" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
		Φ2.5 X 300Lg.	GALVANISED						0115 A	
4.	T/0/0032	TAPLON TAPE 12.5mm. Width.X 0.075mm. Thk. (IN ROLL OF 12 METRES)	BRAND & MAKE KOHINOOR OR MAZDA	42	P 356/027 P 356/424 P 303/652 R 314/642 R 356/131 R 314/866	48 M 06 M 150 M 600M 48M 150 M	204 Mtrs.	798 Mtrs.	2572 3042 2215 C	
5.	T/0/0034	ALUMINIUM FLAT 3.18 Thk.X 25.4mm. Width.	ALUMINIUM FLAT TO M/S.INDAL'S SECTION NO.- 5505 OR EQUIVALENT	42	P 349/605 P 349/606 P 349/607 P 349/608 P 349/609 R 349/659 R 349/660 R 349/661 R 349/662 R 349/663	47.88 Mtrs. Per loco for WAG- 7 & WAP-4 loco (10.45 kg per loco)	47.88 Mtrs.	47.88 Mtrs.	9198 5006 1513A	
6.	T/0/0005	COPPER PIPE 6 O/D X 1 Thk. Min. Random Length- 6 Metres (Wt/Mtr = 0.140Kg.)	CLW/MS/3/ 030, Alt.-12	42	P 353/545 P 354/085 P 355/406 P 254/309 R 355/028 R 354/172	0.66 M 3.05 M 1.90 M 15.00 M 1.80 M 15.2 M	20.61 Mtrs.	17.00 Mtrs.	9198 0100 1313 A	Procurement will be done by three phase loco wing clubbing the requirements of this Category to their Cat. No.- T/9/0003

CATEGORY "T" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
7.	T/0/0006	COPPER PIPE 10 O/D X 1.5 Thk. Min. Random Length- 6 Metres (Wt / Mtr=0.355Kg.)	CLW/MS/3/ 030, Alt.-12	42	P 303/651 P 353/405 P 353/270 P 354/084 P 354/231 P 356/217 P 356/246 P 356/279 P 303/684 R 314/593 R 353/093 R 354/308 R 354/128 R 356/039 R 356/181 R 314/719 R 355/014 R 356/282 R 353/215 R 353/580 R 356/330	6.60 M 26.88 M 2.05 M 35.48 M 1.41 M 6.39 M 6.54 M 132.00 M 0.51 M 1.00 M 2.30 M 0.18 M 38.40 M 140.00 M 15.30 M 13.30 M 1.51 M 2.10 M 27.00 M 0.80 M 20.00 M	217.86 Mtrs.	252.39 Mtrs.	9110 9372 1313 A	Procurement will be done by three phase loco wing clubbing the requirements of this Category to their Cat. No.- T/9/0003
8.	T/0/0007	COPPER PIPE 16 O/D X 2 Thk. Min. Random Length- 6 Metres (Wt / Mtr = 0.78Kg.)	CLW/MS/3/ 030, Alt.-12 <u>C&D. NO.</u> R 354/127 R 356/180 R 356/283 R 353/478 R 353/492	42 <u>QTY/ C&D</u> 12.10M 09.80M 02.85M 02.60M 03.70M	P 353/383 P 353/354 P 353/544 P 354/083 P 356/212 P 356/245 P 356/356 P 356/426	03.05 M. 04.08 M. 00.90 M. 32.12 M. 02.53 M. 04.25 M. 02.50 M. 05.04 M.	54.47 Mtrs	31.05 Mtrs.	91101554 1313 A	Procurement will be done by three phase loco wing to their Cat. No.- T/9/0003.
9.	T/0/0008	COPPER PIPE 20 O/D X 2 Thk. Min. Random Length- 6 Metres (Wt/ Mtr = 1.005Kg.)	CLW/MS/3/ 030, Alt.-12	42	P 353/269 P 356/280 P 357/313 R 356/329 R 356/038	03.53 M. 47.89 M. 00.60 M. 34.00 M 55.50 M.	52.02 Mtrs.	89.50 Mtrs.	9110 1633 1315 F	Procurement will be done by three phase loco wing to their Cat. No.- T/9/0003.

CATEGORY “T” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
10.	T/0/0059	COPPER PIPE 12.7 O/D x 1.245Thk	CLW/MS/3/030, Alt.-12	42	P 349/655 R 349/680	4.5 M 4.5 M	4.5 M	4.5 M		
11.	T/99/0006	COPPER PIPE 25 O/D x2Thk Min. Random Length 6 Mtrs.	CLW/MS/3/030, Alt.-12	42	R 356/328	18 M	--	18 M		
12.	T/99/0001	STEEL PIPE 10 mm. NOM. BORE, WALL THICKNESS 2.9mm TO IS:1239, PT-1-1990. SEAMLESS NORMALISED SUITABLE FOR BENDING COLD TO A MEAN RADIUS OF 3 TIMES O/D OF PIPES PLAIN AT ENDS IN RANDOM LENGTH OF 6 TO 7 Mtrs. HARDNESS VALUE TO BE WITHIN 125 B.H.N.	IS: 1239, PT.-1-1990, SEAMLESS.	42	R 353/023	0.11 M.	--	0.11 Mtrs.		

CATEGORY "T" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
13.	T/0/0016	STEEL PIPE 15mm. NOM. BORE,WALL THICKNESS- 3.25 mm. TO IS: 1239, PT.1-1990 SEAMLESS NORMALISED SUITABLE FOR BENDING COLD TO A MEAN RADIUS OF 3 TIMES O/D OF PIPES PLAIN AT ENDS IN RANDOM LENGTH OF 6 TO 7 Mtrs. HARDNESS VALUE TO BE WITHIN 125 B.H.N.	IS: 1239, PT.-1-1990, SEAMLESS.	42	P 303/589	220.00 M.	282.32 Mtrs.	259.22 Mtrs.	6233 0860 2215 N	
					P 310/050	03.04 M.				
					P 349/203	02.26 M.				
					P 349/204	00.15 M.				
					P 349/289	01.50 M.				
					P 353/268	02.70 M.				
					P 353/353	27.00 M.				
					P 353/404	02.70 M.				
					P 354/082	06.70 M.				
					P 356/278	08.00 M.				
					P 357/302	01.10 M.				
					P 303/683	05.01 M.				
					P 349/424	02.50 M.				
					R 314/718	192.00 M.				
					R 314/565	00.50 M.				
					R 349/306	01.50 M.				
					R 353/091	02.10 M.				
					R 355/613	00.52 M.				
					R 354/126	02.70 M.				
					R 356/037	32.50 M.				
					R 357/584	07.20 M.				
					R 356/284	12.60 M.				
					R 356/259	00.20 M.				
					R 353/491	03.60 M.				
					R 353/213	02.40 M.				
					R 356/313	01.90 M.				

CATEGORY "T" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
14.	T/0/0017	STEEL PIPE 20 mm. NOM. BORE, WALL THICKNESS-3.25mm. TO IS: 1239, PT.1-1990 SEAMLESS NORMALISED SUITABLE FOR BENDING COLD TO A MEAN RADIUS OF 3 TIMES O/D OF PIPES PLAIN AT ENDS IN RANDOM LENGTH OF 6 TO 7 Mtrs. HARDNESS VALUE TO BE WITHIN 125 B.H.N.	IS: 1239, PT.-1-1990, SEAMLESS.	42	P 303/588 P 346/100 P 346/102 P 346/103 P 346/104 P 353/403 P 353/543 P 354/081 P 356/183 P 356/406 P 360/002 P 360/020 P 366/262 P 357/322 R 360/002 R 314/717 R 346/003 R 349/467 R 349/468 R 357/604 R 354/125 R 355/547 R 356/002 R 356/021 R 356/200 R 353/523 R 353/607 R 346/237 R 346/238	135.00 M. 6.50 M. 0.65 M. 15.00 M. 1.30 M. 4.50 M. 1.83 M. 12.00 M. 2.30 M. 0.14 M. 30.00 M. 2.80 M. 4.04 M. 1.10 M. 20.50 M. 91.00 M. 1.62 M. 4.00 M. 0.21 M. 1.10 M. 14.10 M. 0.15 M. 17.50 M. 2.72 M. 15.20 M. 4.10 M. 3.10 M. 1.60 M 1.20 M	217.16 Mtrs.	178.10 Mtrs.	6233 1383 2215 N	

CATEGORY “T” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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CATEGORY "T" BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
16.	T/0/0019	STEEL PIPE 32 mm. NOM. BORE, WALL THICKNESS-4.05mm TO IS: 1239, PT.1-1990 SEAMLESS NORMALISED SUITABLE FOR BENDING COLD TO A MEAN RADIUS OF 3 TIMES O/D OF PIPES PLAIN AT ENDS IN RANDOM LENGTH OF 6 TO 7 Mtrs. HARDNESS VALUE TO BE WITHIN 125 B.H.N.	IS: 1239, PT.-1-1990, SEAMLESS.	42	P 303/587 P 303/712 P 354/019 P 354/248 P 366/226 P 354/268 R 314/350 R 314/689 R 354/280 R 357/544 R 314/715	69.00 M. 2.90 M. 1.00 M. 1.80 M. 9.80 M. 2.02 M 42.00 M. 3.45 M. 1.54 M. 2.20 M. 32.20 M.	86.52 Mtrs.	81.39 Mtrs.	6233 4074 2215 N	
17.	T/0/0021	STEEL PIPE 50 mm. NOM. BORE, WALL THICKNESS-4.05mm TO IS: 1239, PT.1-1990 SEAMLESS NORMALISED SUITABLE FOR BENDING COLD TO A MEAN RADIUS OF 3 TIMES O/D OF PIPES PLAIN AT ENDS IN RANDOM LENGTH OF 6 TO 7 Mtrs. HARDNESS VALUE TO BE WITHIN 125 B.H.N.	IS: 1239, PT.-1-1990, SEAMLESS.	42	R 301/093 R 301/258	1.47M. 1.60M. .		3.07 Mtrs.		

CATEGORY “T” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
18.	T/0/0023	STEEL PIPE 80 mm. NOM. BORE, WALL THICKNESS-4.05mm TO IS: 1239, PT.1-1990 SEAMLESS NORMALISED SUITABLE FOR BENDING COLD TO A MEAN RADIUS OF 3 TIMES O/D OF PIPES PLAIN AT ENDS IN RANDOM LENGTH OF 6 TO 7 Mtrs. HARDNESS VALUE TO BE WITHIN 125 B.H.N.	IS: 1239, PT.-1-1990, SEAMLESS.	42	P 238/026 P 355/419 P 355/420 P 355/421 R 212/068 R 355/042 R 355/043 R 355/044	0.30 M. 0.13 M. 0.11 M. 0.27 M. 0.03 M. 0.13 M. 0.15 M. 0.27 M.	0.81 Mtrs.	0.58 Mtrs.	6233 1504 2215 N	
19.	T/0/0038	PVC FLOORING SHEET	1209-18-406-211, ALT-1	42	P 346/176 R 346/195	6.00 M. 6.00 M.	6.00 Mtrs	6.00 Mtrs	2521 1092 2215G	Procurement will be done by three phase loco wing clubbing the requirements of this Category to their Cat. No.- T/9/0001
20.	T/0/0011	SCREEN	03/4/39/67, ALT-5 IS: 2553 (L)	01	P 342/111 R 342/149	2 4	2	4	251732500 115 C	
21.	T/0/0041	SEALANT ANABOND 340	-----	13	P 303/746 R 314/865	0.5 Kg 0.5 Kg	0.5 Kg	0.5 Kg	8413 4975 5115G	
22.	T/99/0003	LOCKTITE - 55	EN-751-2	01	P 303/748 R 314/900	10 Reels 10 Reels	10 *Reels	10 *Reels	8498 1301 0115G	* One(01) Reel Contains 150 Mtrs. of LOCKTITE-55.

CATEGORY “T” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
23.	T/99/S/0009	Set of Unistrut Channel	---	03	---	1L/Set	---	1L/Set		
(i)	T/99/0007	Unistrut Channel (consisting 10 parts each length 390 mm)	1209-18.406-121 Ref.3	01	R356/358	3.9M	--	3.9M		
(ii)	T/99/0008	Unistrut Channel (consisting 2 parts each length 550 mm)	1209-18.406-120 Ref.15	01	R356/349	1.1M	--	1.1M		
24	T/0/0060	Sealing Wire (Galv.) 22 SWGx1M	As per description	01	P201/021 R201/106	24 24	24	24		
25	T/0/0061	Lead Seal for Sealing wire dia 12mm	As per description	01	P201/022 R201/107	24	24			

CATEGORY “T” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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Sl. No	Cat. No	DESCRIPTION	SPECN. NO.	UNIT	QTY/ LOCO					Remarks
					WAG-7	WAP-4	WAG-9	WAP-7	WAP-5	
26	T/90/S/0001	Set of P.U Paints for WAG-7 Loco	M&C/PCN/100/2009	03	1 L/Set	---	---	---	---	These Category items are to be procured from trade in unit of Loco sets under category no. T/90/S/0001.
I.	T/0/0043	Paint Stone Grey (RAL-7030)	- DO -	51	35 Ltrs.	---	---	---	---	
II.	T/0/0046	Putty	- DO -	13	40 Kgs.	---	---	---	---	
III.	T/0/0047	Metal Coat Primer Surface Grey	- DO -	51	80 Ltrs.	---	---	---	---	
IV.	T/0/0048	Epoxy Base Zinc Phosphate Primer	- DO -	51	100 Ltrs.	---	---	---	---	
V.	T/0/0049	Thinner for PU Finish (L-701 & L-707)	- DO -	51	60 Ltrs.	---	---	---	---	
VI.	T/0/0050	Thinner for Primer (91 – 92)	- DO -	51	50 Ltrs.	---	---	---	---	
VII.	T/0/0053	Paint Black Grey (RAL-7021)	- DO -	51	30 Ltrs.	---	---	---	---	
VIII	T/0/0055	Paint Pale Cream	- DO -	51	05 Ltrs.	---	---	---	---	
IX	T/0/0057	Paint Sky Blue (RAL-5015)	- DO -	51	20 Ltrs.	---	---	---	---	
X	T/0/0045	P.U White Aluminium (RAL-9006)	RDSO Specn No: M&C/PCN/110/2006	51	20 Ltrs.	---	---	---	---	
27	T/99/S/0004	Set of P.U Paints for WAP-4 Loco	M&C/PCN/100/2009	03	---	1 L/Set				These Category items are to be procured from trade in unit of Loco sets under
I	T/0/0043	Paint Stone Grey (RAL-7030)	- DO -	51	---	35 Ltrs.	---	---	---	
II	T/0/0046	Putty	- DO -	13	---	40 Kgs.	---	---	---	

CATEGORY “T” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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III	T/0/0047	Metal Coat Primer Surface Grey	- DO -	51	---	80 Ltrs.	---	---	---	category no. T/99/S/0004.
IV	T/0/0048	Epoxy Base Zinc Phosphate Primer	- DO -	51	---	100 Ltrs.	---	---	---	
V	T/0/0049	Thinner for PU Finish (L-701 & L-707)	- DO -	51	---	60 Ltrs.	---	---	---	
VI	T/0/0050	Thinner for Primer (91 – 92)	- DO -	51	---	50 Ltrs.	---	---	---	
VII	T/0/0053	Paint Black Grey (RAL-7021)	- DO -	51	---	30 Ltrs.	---	---	---	
VIII	T/0/0055	Paint Pale Cream	- DO –	51	---	05 Ltrs.	---	---	---	
IX	T/0/0056	Paint Signal Red (RAL-3001)	- DO -	51	---	20 Ltrs.	---	---	---	
X	T/0/0045	P.U White Aluminium (RAL- 9006)	RDSO Specn No: M&C/PCN/110/2006	51	---	20 Ltrs.	---	---	---	
28	T/90/S/0002	Set of P.U Paints for WAG-9 Loco	M&C/PCN/100/2009	03			1 L/Set	---	---	These Category items are to be procured from trade in unit of Loco sets under category no. T/90/S/0002.
I	T/0/0042	Paint Green Grey (RAL-7009)	- DO -	51	---	---	30 Ltrs.	---	---	
II	T/0/0043	Paint Stone Grey (RAL-7030)	- DO -	51	---	---	35 Ltrs.	---	---	
III	T/0/0044	Paint Grass Green (RAL-6010)	- DO -	51	---	---	20 Ltrs.	---	---	
IV	T/0/0046	Putty	- DO -	13	---	---	40 Kgs.	---	---	
V	T/0/0047	Metal Coat Primer Surface Grey	- DO -	51	---	---	80 Ltrs.	---	---	
VI	T/0/0048	Epoxy Base Zinc Phosphate Primer	- DO -	51	---	---	100 Ltrs.	---	---	
VII	T/0/0049	Thinner for PU Finish (L-701 & L-707)	- DO -	51	---	---	60 Ltrs.	---	---	

CATEGORY “T” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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VIII	T/0/0050	Thinner for Primer (91 – 92)	- DO -	51	---	---	50 Ltrs.	---	---	These Category items are to be procured from trade in unit of Loco sets under category no. T/99/S/0005.
IX	T/0/0054	Paint Signal Yellow (RAL-1003)	- DO -	51	---	---	05 Ltrs.	---	---	
X	T/0/0045	P.U White Aluminium (RAL- 9006)	RDSO Specn No: M&C/PCN/110/2006	51	---	---	20 Ltrs.	---	---	
29.	T/99/S/0005	Set of P.U Paints for WAP-7 & WAP-5 Loco	M&C/PCN/100/2009	03			---	1 L/Set	1 L/Set	
I	T/0/0043	Paint Stone Grey (RAL-7030)	- DO -	51	---	---	---	35 Ltrs.	35 Ltrs.	
II	T/0/0046	Putty	- DO -	13	---	---	---	40 Kgs.	40 Kgs.	
III	T/0/0047	Metal Coat Primer Surface Grey	- DO -	51	---	---	---	80 Ltrs.	80 Ltrs.	
IV	T/0/0048	Epoxy Base Zinc Phosphate Primer	- DO -	51	---	---	---	100 Ltrs.	100 Ltrs.	
V	T/0/0049	Thinner for PU Finish (L-701 & L-707)	- DO -	51	---	---	---	60 Ltrs.	60 Ltrs.	
VI	T/0/0050	Thinner for Primer (91 – 92)	- DO -	51	---	---	---	50 Ltrs.	50 Ltrs.	
VII	T/0/0051	Paint Signal White (RAL-9003)	- DO -	51	---	---	---	20 Ltrs.	20 Ltrs.	
VIII	T/0/0052	Paint Red Orange (RAL-2001)	- DO -	51	---	---	---	05 Ltrs.	05 Ltrs.	
IX	T/0/0053	Paint Black Grey (RAL-7021)	- DO -	51	---	---	---	30 Ltrs.	30 Ltrs.	
X	T/0/0045	P.U White Aluminium (RAL- 9006)	RDSO Specn No: M&C/PCN/110/2006	51	---	---	---	20 Ltrs.	20 Ltrs.	

CATEGORY “T” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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Sl. No.	Cat. No.	DESCRIPTION	Specn. No.	UNIT	QTY/ LOCO					REMARKS
					WAG-7	WAP-4	WAG-9	WAP-7	WAP-5	
30.	T/0/0058	Metal Pretreatment Solution	--	51	03 ltrs	03 ltrs.	03 ltrs.	03 ltrs.	03 ltrs.	The product is to be used for removal of oil, dirt and rust. The product will also make a uniform coating of iron phosphate on MS substrate, which resist further corrosion and enhance the adhesion of subsequent coats of primer/ paints. Supplier will have to submit properties like Specific gravity, coating weight, coverage, drying time along with their offer.

CATEGORY “U” BOOK FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016 –2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
1.	U/0/0001	AXLE (ROUGH MACHINED)	IRS-R-43 03/2/11/55, ALT.-1	01	R 202/094	6	--	6	250605080115 N	
2.	U/0/0002	SOLID ROLLED WHEEL (SEMI-FINISHED)	IRS-R-34/81 RDSO'S DRG. NO.- D/WL-4948/R, ALT.-17 (01/1/11/17, ALT-21)	01	P 202/021 R 202/005	12 12	12	12	250606000115 N	
3.	U/0/0003	AXLE (ROUGH MACHINED)	IRS-R-43 06/2/11/2, ALT.-2	01	P 202/001	6	6	--	250620500115 N	

CATEGORY“V” FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016–2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
1.	V/0/0092	3/4" SAFETY VALVE SET AT 11.5Kg/Cm ² (WSF'S Pt. NO.- A76503/6)	0/3/ 65/93, ALT.-3	01	P 315/265 R 315/270	3 2	3	2	251800460115 B	
2.	V/0/0103	3/4" SAFETY VALVE SET AT 10.5Kg/Cm ² (WSF'S Pt. NO.- A76503/5)	0/3/ 65/93, ALT.-3	01	P 315/289 R 315/229	1 1	1	1	251800340115 B	
3.	V/0/0013	1/2" SAFETY VALVE SET AT 8.5Kg/Cm ² (TYPE-T2) (WSF'S Pt. NO.-J70929/18)	0/3/ 65/63, ALT.-2	01	P 315/304 R 315/265	1 1	1	1	251602540115 B	
4.	V/0/0059	5mm CHOKE FITTING (AUTOMATIC BRAKE) WSF'S Pt. NO.-1A-70540/2)	0/4/ 65/73, ALT.-3	01	P 315/295 R 315/232	2 2	2	2	251837580115 B	
5..	V/0/0043	1/2" ISOLATING CUT OFF COCK WITHOUT VENT (BALL TYPE)	0/2/ 65/364, ALT.-7, REF.-5	01	P 315/272 P 315/307 R 315/190 R 315/113 R 315/138	4 8 3 2 5	12	10	251624080115 B	
6.	V/0/0045	1" ISOLATING CUT OFF COCK WITHOUT VENT (BALL TYPE)	0/2/ 65/364, ALT.-7, REF.-2	01	P 315/269 R 315/189	2 6	2	6	25183000115 B	
7.	V/0/0048	1/2" ISOLATING CUT OFF COCK WITH VENT (BALL TYPE)	0/2/ 65/364, ALT.-7, REF.-6	01	P 315/107 P 315/169 R 315/039	2 2 4	4	4	251510090115 B	

CATEGORY“V” FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016–2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
8.	V/0/0049	3/4" ISOLATING CUT OFF COCK WITH VENT (BALL TYPE)	0/2/ 65/364, ALT.-7, REF.-3	01	P 315/283 R 315/033	2 2	2	2	251828080115 B	
9.	V/0/0245	1¼" ISOLATING CUT OFF COCK WITHOUT VENT (BALL TYPE)	0/2/ 65/364, ALT.-7, REF.-8	01	P 315/363 P 315/364 P 315/365 R 315/335 R 315/336 R 315/337	3 1 1 1 1 1	5	3	251647030115 B	
10.	V/0/0050	1/2" DRAIN COCK (BALL TYPE)	0/3/ 65/365, ALT.-3,	01	P 315/268 P 315/303 R 315/326 R 315/327	6 7 6 8	13	14	251626030115 B	
11.	V/0/0040	1" CDC WITH DRAIN COCK AND RESERVOIRS (WSF's Pt. NO.- IC-70106/1)	0/2/ 65/115, ALT.-5	01	P 315/270	2	2	---	251615070115 B	
12.	V/0/0039	3/4" CDC WITH DRAIN COCK (WSF's Pt. NO.- 15353)	0/3/ 65/76, ALT.-1	01	P 315/308 R 315/109	1 1	1	1	251616000115 B	
13.	V/0/0012	3/4" DUPLEX CHECK VALVE WITH SOFT SEAT SET AT 5 ±0.1Kg./Cm ² (WSF's Pt. NO.- IC-70024/1)	0/3/ 65/103, ALT.-2	01	P 315/280 R 315/206	1 1	1	1	251600590115 B	

CATEGORY“V” FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016–2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
14.	V/0/0035	1/2" CHECK VALVE WITH SOFT SEAT (WSF's Pt. NO.- A-83288/4)	0/4/ 65/69, ALT.-NIL	01	P 315/306 R 315/266	1 1	1	1	251604500115 B	
15.	V/0/0036	3/4" CHECK VALVE (WSF's Pt. NO.- IC-70032/3)	0/2/ 65/102, ALT.-2	01	P 315/329 P 315/305 P 315/279 R 315/221 R 315/119	1 1 1 1 2	3	3	251619080115 B	
16.	V/0/0037	1" CHECK VALVE (WSF's Pt. NO.- IC-70032/2)	0/2/ 65/102, ALT.-2	01	P 315/288 R 315/042	1 1	1	1	251618050115 B	
17.	V/0/0094	DRIVER'S AUTO BRAKE VALVE WITH HANDLE (A-9) (WABCO-564140-42-USA)	0/2/ 65/243, ALT.-1	01	P 315/273 R 315/191	2 2	2	2	251600720115 B	
18.	V/0/0095	INDEPENDENT BRAKE VALVE WITH HANDLE (SA-9). (WABCO-564141-43,USA)	0/2/ 65/218, ALT.-1	01	P 315/274 R 315/192	2 2	2	2	251600840115 B	
19.	V/0/0241	1¼" NON RETURN VALVE TYPE-86R (MOD)	0/3/ 65/363, ALT.-2	01	P 315/300 R 315/325	5 4	5	4	251603570115 B	
20.	V/0/0243	4" DUPLEX AIR PRESSURE GAUGE (AR-PR) WITH UNION NUT AND TAIL PIECE	SK.DP-3509, ALT.-3 0/4/65/435, ALT.-NIL INSP. PLAN MP-TP-14, JULY-2000 (Rev.-0.00)	01	P 315/330 R 315/332	2 2	2	2	259829900115 B	

CATEGORY“V” FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016–2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
21.	V/0/0026	SAND EJECTOR WITHOUT CHOKE TYPE- G.F. (WSF.PT.NO.- IC-70034)	0/2 /65/114, ALT.-1	01	P 315/320 R 315/268	8 4	8	4	251617020115 B	
24.	V/99/0119	WIPER ASSLY. WITH WATER SPRAYING SYSTEM COMPLETE	1209-08-032-023 CLW/MS/3/050	01	R 315/363 P 315/369	4 4	4	4		Procurement will be done by three phase loco wing clubbing the requirement of the Cat. Nos-V/99/0119 to their Cat. Nos-V/9/0014
25.	V/0/0236	CUT OFF ANGLE COCK WITH VENT 1¼" (B.P.) (For Air Brake)	0/2/ 65/386, ALT.-5	01	P 315/281 R 315/308	2 2	2	2	251801250115 B	
26.	V/0/0238	CUT OFF ANGLE COCK WITH VENT 1¼" (F.P.) (For Air Brake)	0/2/ 65/386, ALT.-5	01	P 315/294 R 315/310	2 2	2	2	251801250115 B	
27.	V/0/0009	1" SELF LOCKING ANGLE COCK (O.L.P.) (WSF.PT. NO.-IC-70151/2)	0/2/ 65/221, ALT.-2	01	P 315/286 R 315/225	4 4	4	4	251815550115 B	
28.	V/0/0069	3/4" x 30" BOGIE HOSE CONNECTION (TYPE- SMUSM)	0/3/ 65/106, ALT.-9	01	P 315/296 R 315/034	2 2	2	2	251838500115 B	.
29.	V/0/0091	AIR BRAKE HOSE- COUPLING FOR FEED PIPE	WD-81027-S-01, ALT.-10	01	P 315/298 R 315/236	2 2	2	2	252306690115 B	

CATEGORY“V” FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016–2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
30.	V/0/0237	AIR BRAKE HOSE- COUPLING FOR BRAKE PIPE	RDSO- DRG.NO. SK- 73547, ALT.-12	01	P 315/284 R 315/307	3 3	3	3	252370320115 B	
31.	V/99/0105	1"x34" HOSE COUPLING	0/3/ 65/66, ALT.-10	01	P315/377 R 315/029	4 4	4	4	251601140115 B	
32.	V/0/0089	FLEXIBLE HOSE FOR SAND EJECTOR	0/3/ 65/402, ALT.-4, REF.-C	01	P 315/327 R 315/180	8 4	8	4	251604000115 B	
33.	V/0/0070	FLEXIBLE HOSE FOR AUXILIARY COMPRESSOR	0/3/ 65/402, ALT.-4, REF.-B	01	P 315/310 R 315/140	1 1	1	1	252363500115 B	
34.	V/0/0066	1" ARMOURED HOSE CONNECTION TYPE-SFUSF	0/3/ 65/116, ALT.-4	01	R 315/098	4	--	4	250712570115 B	
35.	V/0/0031	3/8" AIR STRAINER-TYPE-T	0/2/ 65/440, ALT.-NIL	01	P 315/316 R 315/137	4 6	4	6	251635040115 B	
36.	V/0/0032	1/2" AIR STRAINER-TYPE-T	0/2/ 65/440, ALT.-NIL	01	P 315/311 R 315/114	12 12	12	12	251605520115 B	
37.	V/0/0022	Pn. HORN – HT-TYPE-B7-30 (WSF. PT. NO.- IC-70010/3)	0/2/ 65/109, ALT.-3	01	P 315/313 R 315/106	2 2	2	2	251632060115 B	
38.	V/0/0023	Pn. HORN – LT-TYPE-B7-36 (WSF. PT. NO.- IC-70010/4)	0/2/ 65/109, ALT.-3	01	P 315/317 R 315/107	2 2	2	2	251633090115 B	

CATEGORY“V” FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016–2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
39.	V/0/0246	HEATLESS TWIN TOWER AIR DRYER WITH FINAL FILTER & AUTO DRAIN VALVE GM Type to DLW Part No. 17390059	SPECN. NO.-MP-0.01.00.06 (REV.05) March, 2011	01	P 315/366 R 315/334	1 1	1	1	251866190115 B	
40.	V/0/0025	8"x8" BRAKE CYLINDER MOUNTING-X-4Nos., Z-4Nos.	01/3/19/56, ALT.-10	01	P 315/282	8	8	--	251845560115 B	
41.	V/99/0245	8"x8" BRAKE CYLINDER MOUNTING-X-6Nos., Z-6Nos.	03/3/19/1, ALT.-2	01	R 232/003	12	--	12	251605640115 B	
42.	V/99/0130	HORN LEVER	1209-18.306-219 Alt-Nil	01	R 354/413 P 354/285	4 4	4	4	259857350115B	
43.	V/99/0131	NYLON TUBES 6 O/D (5 Items)	1290-18-406-056 Alt-6 CLW/MS/3/079, Alt-5	03	R 354/412 P 354/286	39 Mtrs. 39 Mtrs.	1 L/Set	1 L/Set	259864782215B	
44.	V/0/0254	TRY-PLATE BRAKE PANEL	Specn.No-ELRS/ SPEC/PBS/0034, REV-1 of 2005	03	R 315/375 P 315/370	1L/Set 1L/Set	1L/Set	1L/Set	259868200315B	
45.	V/99/0122	GAUGE FOR AIR FLOW INDICATOR	1209-18-306-226	01	R 354/405 P 354/279	2 2	2	2	251511620115B	
46.	V/99/S/ 0121	SET OF PNEUMATIC GAUGES FOR CREW FRIENDLY LOCOS.	CLW/TS/99/ CF-3, Alt-3	03	----	----	1 L/Set	1 L/Set	259857590315B	

CATEGORY“V” FOR WAG-7 & WAP-4 LOCOS. FOR THE YEAR 2016–2017

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SL. NO.	CAT. NO.	DESCRIPTION	DRAWING/ SPECN.NO.	UNIT	C&D. NO.	QTY./ C&D	QTY./ LOCO		U.L. NO.	REMARKS
							WAG-7	WAP-4		
I)	V/99/0123	4” Single Air Pressure Gauge Self Illuminated with LED (Back lit type) Flash mounted (Brake Pipe)	1209-18-306.225 Alt-1 Specn.No. CLW/MS/3/001 Alt-12	01	R 354/406 P 354/280	2 2	2	2		
II)	V/99/0124	GAUGE FOR BC-1, BC-2	1209-18.306-224	01	R 354/407 P 354/281	2 2	2	2		
III)	V/99/0125	GAUGE FOR MR-FP	1209-18.306-223	01	R 354/408 P 354/282	2 2	2	2		
47.	V/99/S/ 0126	SET OF PNEUMATIC COCKS FOR CREW FRIENDLY LOCOS.	CLW/TS/99/ CF-4, Alt-1	03	----	----	1 L/Set	1 L/Set	259857600315B	
I)	V/99/0127	1¼” ISOLATING COCK	1209-18-306-187	01	R 354/403 P 354/283	2 2	2	2		
II)	V/99/0128	¾” ISOLATING COCK	1290-18-306-195 ALT-2	01	R 354/404 P 354/284	14 14	14	14		
48.	V/99/0132	Drip Cup 1¼”x1¼” with automatic drain valve	0/3/65/447	01	R 314/913	1		1		
49.	V/0/0010	3/8” Double Check Valve (Type 24A)	0/4/65/97 Alt.1	01	R 315/222	2	--	2		