

DESIGN A	DESIGN B	DESIGN C	DESIGN D	DESIGN E ⑩	DESIGN G ⑬		DESIGN F ⑪	
MECH CODE-BOXNHL	MECH CODE-BOXNHL (TP)	MECH CODE-BOXNHL WCCS	MECH CODE-BOXNHL MBS	MECH CODE-BOXNHL MBS	MECH CODE-BOXNHL 2ST		MECH CODE-BOXNS	
BOXNHL WITH SP AND CONV. BRAKE	BOXNHL WITH TWIN PIPE AND CONV. BRAKE	BOXNHL WCCS WITH CONV. BK. RIGGING AND TWIN PIPE	BOXNHL WCCS WITH BMBS AND TWIN PIPE	BOXNHL WCCS WITH BMBS AND TWIN PIPE	BOXNHL WCCS WITH BMBS AND TWIN PIPE	DESCRIPTION	25 T AXLE LOAD TWIN PIPE CONV. BRAKE	DESCRIPTION
WD-05086-S-01	WD-05086-S-01	WD-05086-S-01	WD-05086-S-01	WD-05086-S-01	WD-05086-S-01	INDEX	WD-05086-S-01	INDEX
WD-05086-S-02	WD-05086-S-02	WD-05086-S-02	WD-05086-S-02	WD-14021-S-02	WD-15019-S-01	DIAGRAM	WD-14014-S-01	DIAGRAM
WD-05086-S-03	WD-05086-S-03	WD-08008-S-03	WD-09034-S-03	WD-14021-S-03	WD-09034-S-03	GENERAL ARRANGEMENT	WD-14014-S-02	GENERAL ARRANGEMENT
WD-05086-S-04	WD-05086-S-04	WD-08008-S-04	WD-09034-S-04	WD-14021-S-04	WD-09034-S-04	UNDERFRAME ARRANGEMENT	WD-14014-S-03	UNDERFRAME ARRANGEMENT
WD-05086-S-05	WD-05086-S-05	WD-08008-S-05	WD-09034-S-05	WD-14021-S-05	WD-09034-S-05	BODY SIDE ARRANGEMENT	WD-14014-S-04	UNDERFRAME ARRANGEMENT (WITH SOLE BAR, SIDE STANCHION & CORNER STANCHION)
WD-05086-S-06	WD-05086-S-06	WD-08008-S-06	WD-09034-S-06	WD-14021-S-06	WD-09034-S-06	BODY END ARRANGEMENT		
WD-88088-S-07	WD-88088-S-07	WD-09034-S-07 ⑬ WD-08008-S-07	WD-09034-S-07	—	WD-09034-S-07	FLAP DOOR ARRANGEMENT	WD-14014-S-05	BODY SIDE ARRANGEMENT
WD-05086-S-08	WD-05086-S-08	WD-08008-S-08	WD-09034-S-08	WD-14021-S-08	WD-09034-S-08	CENTRE PIVOT ARRANGEMENT	WD-14014-S-06	BODY END ARRANGEMENT
⑤ X WD-05086-S-09 WD-09057-S-02	WD-05086-S-09 WD-09057-S-02	WD-09057-S-02	WD-09034-S-09	WD-14021-S-09	WD-09034-S-09	BRAKE DIAGRAM	WD-14014-S-07	CENTRE PIVOT AND SIDE BEARER ARRANGEMENT
WD-05086-S-10	WD-05086-S-10	WD-08008-S-10	—	—	—	UNDERFRAME BRAKE GEAR ARRANGEMENT	WD-14014-S-08	UNCOUPLING GEAR ARRANGEMENT
WD-05086-S-11	⑧ WD-09082-S-02	WD-08008-S-11	⑥ WD-09034-S-12	WD-14021-S-11	⑥ WD-09034-S-12	DETAILS OF PIPES FOR FITMENT OF GRADUATED RELEASE AIR BRAKE EQUIPMENT	WD-14014-S-09	UNDERFRAME BRAKE GEAR ARRANGEMENT
WD-05086-S-12	⑧ WD-09082-S-01	WD-08008-S-12	⑥ WD-09034-S-11	WD-14021-S-12	⑥ WD-09034-S-11	FITMENT OF GRADUATED RELEASE AIR BRAKE EQUIPMENT AND PIPE LAYOUT	WD-14014-S-10	UNDERFRAME BRAKE GEAR DETAILS
① WD-05086-S-13	WD-05086-S-13	WD-08008-S-13	WD-09034-S-13	WD-14021-S-13	WD-09034-S-13	UNCOUPLING GEAR ARRANGEMENT	WD-14014-S-11	BRAKE DIAGRAM
WD-05086-S-14	WD-05086-S-14	WD-08008-S-14	WD-09034-S-14	WD-14021-S-14	WD-09034-S-14	UNDERFRAME DETAILS (SHEET-I)	WD-14014-S-12	FITMENT OF GRADUATED RELEASE AIR BRAKE EQUIPMENT AND PIPE LAYOUT
WD-05086-S-15	WD-05086-S-15	WD-08008-S-15	WD-09034-S-15	WD-14021-S-15	WD-09034-S-15	UNDERFRAME DETAILS (SHEET-II)		
WD-05086-S-16	WD-05086-S-16	WD-08008-S-16	WD-09034-S-16	WD-14021-S-16	WD-09034-S-16	UNDERFRAME DETAILS (SHEET-III)	WD-14014-S-13	DETAILS OF PIPES FOR FITMENT OF AIR BRAKE EQUIPMENT
WD-05086-S-17	WD-05086-S-17	WD-08008-S-17	WD-09034-S-17	WD-14021-S-17	WD-09034-S-17	BODY SIDE STANCHION		
WD-05086-S-18	WD-05086-S-18	WD-08008-S-18	WD-09034-S-18	WD-14021-S-18	WD-09034-S-18	ATTACHMENT OF END TO HEAD STOCK	WD-14014-S-14	DETAILS OF FITMENT OF GRADUATED RELEASE AIR BRAKE EQUIPMENT
WD-05086-S-19	WD-05086-S-19	WD-08008-S-19	—	—	—	UNDERFRAME BRAKE GEAR DETAILS		
WD-05086-S-20	⑧ WD-09082-S-03	WD-08008-S-20	⑥ WD-09034-S-20	WD-14021-S-20	⑥ WD-09034-S-20	DETAILS FOR FITMENT OF GRADUATED RELEASE AIR BRAKE EQUIPMENT	WD-14014-S-15	UNDERFRAME DETAILS SHEET-I
WD-05086-S-21	WD-05086-S-21	WD-08008-S-21	WD-09034-S-21	WD-14021-S-21	WD-15019-S-02	MARKING DIAGRAM	WD-14014-S-16	UNDERFRAME DETAILS SHEET-II
③ WD-08030-S-01	WD-08030-S-01	WD-08008-S-22	WD-09034-S-22	WD-14021-S-22	WD-09034-S-22	CRF SECTIONS	WD-14014-S-17	UNDERFRAME DETAILS SHEET-III
③ WD-08030-S-02	WD-08030-S-02	WD-08030-S-02	WD-09034-S-19	WD-14021-S-19	WD-09034-S-19	LAYOUT OF FLOOR PLATES	WD-14014-S-18	MARKING DIAGRAM
③ WD-08030-S-03	WD-08030-S-03	WD-08030-S-03	⑥ WD-09034-S-23	WD-14021-S-23	⑥ WD-09034-S-23	LAYOUT OF BODY SIDE PLATES AND BODY END PLATES	WD-14014-S-19	LAYOUT OF FLOOR PLATES
⑤ WD-09057-S-01	WD-09057-S-01	WD-09057-S-01	WD-09034-S-10	WD-14021-S-10	WD-09034-S-10	HAND BRAKE ARRANGEMENT& DETAILS	WD-14014-S-20	FLAP DOOR ASSEMBLY & DOOR DETAILS
			⑦ WD-10087-S-01	WD-10087-S-01	⑦ WD-10087-S-01	FABRICATED HAND BRAKE WHEEL	WD-14014-S-21	CRF SECTIONS
⑧ WD-81010-S-03	⑧ WD-81010-S-03	⑧ WD-81010-S-03	⑧ WD-81010-S-03	WD-81010-S-03	⑧ WD-81010-S-03	CBC ARRANGEMENT	WD-81010-S-03	CBC ARRANGEMENT
⑮ WD-08064-S-01	⑮ WD-08064-S-01	⑮ WD-09062-S-01	⑮ WD-09062-S-01	—	—	LOCATION OF STRAIN GAUGES FOR SQUEEZE LOAD TEST	WD-14014-S-23	LOCATION OF STRAIN GAUGES FOR SQUEEZE LOAD TEST
⑧ WD-92058-S-01	⑧ WD-92058-S-01	⑧ WD-92058-S-01	⑧ WD-92058-S-01	WD-92058-S-01	⑧ WD-92058-S-01	INDEX OF 22HS BOGIE	WD-15021-S-01	BOGIE INDEX
				WD-14021-S-07		VERTICAL FLAP DOOR ARRANGEMENT	WD-14014-S-24	FLAP DOOR ARRANGEMENT DETAILS
			⑨ WD-11058-S-01	WD-11058-S-01		CENTRE SILL (HAT SECTION)		
⑮ WD-08073-S-01	⑮ WD-08073-S-01	⑮ WD-10064-S-01	⑮ WD-10064-S-01	—	—	LOAD TEST CHART	WD-14014-S-22	LOAD TEST CHART
		⑬ ⑬ WD-19045-S-01				MARKING DIAGRAM FOR PRIVATELY OWNED WAGON		

NOTE:- THE MAIN CHANGES IN NEW DRAWINGS ARE:

1. USE OF COMPLETE CRF SECTION CENTRE SILL.
2. CORRESPONDING CHANGES IN CROSSBARS, BOLSTER, BOLSTER BOTTOM GUSSET AND HEADSTOCK.
3. X BRAKE DIAGRAM DRG. WD-05086-S-09 FOR WAGONS ALREADY MADE UP TO JULY 2009 AND WD-09057-S-02 FOR NEW WAGONS

13	WD-19058	DRG NO WD-19045-S-01 DELETED FROM COLUMN D.	09/19		
13	WD-19047	FLAP DOOR DRG. NO. WD-08008-S-07 CHANGED TO WD-09034-S-01.	07/19		
13	WD-19045	DRG. WD-19045-S-01 ADDED AGAINST COLUMN D.	07/19		
13	WD-19030	MARK CHANGES TO DRAWING NO. WD-19030-S-01 TO BE SHOWN IN THE 2ND SET OF MARKS.	05/19		
13	WD-18065	COLUMN 'F' & THEIR DESCRIPTION REVISED.	08/18		
13	WD-17034	COLUMN ADDED FOR DESIGN 'U'.	05/17		
13	WD-16003	MARK CHANGES TO DRAWING NO. WD-16003-S-01 TO BE SHOWN IN THE 2ND SET OF MARKS.	04/16		
13	WD-15049	COLUMN ADDED FOR DESIGN 'Y'.	08/15		
13	WD-14021	COLUMN ADDED FOR DESIGN 'X'.	07/14		
13	WD-11058	DRG. WD-11058-S-01 ADDED.	11/11		
13	WD-11018	ADDITIONAL DRAWINGS INTRODUCED AND INDEX REVISED ACCORDINGLY.	03/11		
13	WD-10089	ADDITIONAL DRAWINGS INTRODUCED FOR BOXNHL MBS.	12/10		
13	WD-09080	MISTAKES IN DRG NOS OF MBS CORRECTED.	10/09		
13	WD-09042	DRG. NO. WD-09057-S-01 & WD-09057-S-02 ADDED.	07/09		
13	WD-09034	DRG. NOS WITH MODIFIED BRAKE SYSTEM MENTIONED.	06/09		
13	WD-08030	DRG. NOS OF CRF SECTION LAYOUT OF FLOOR PLATES, BODY SIDE PLATES AND BODY END PLATES ADDED.	04/08		
13	WD-08010	DRG. NOS WITH COMPLETE CRF SECTION CENTRE SILL MENTIONED.	01/08		
13	WD-07070	DRG. NO. WD-88008-S-13 CHANGED TO WD-05086-S-13.	01/08		
ALT.	ITEM	AUTHY.	DESCRIPTION	DATE	ASSLY. DRGS.

SUPERSEDED BY	DATE	BOGIE OPEN WAGON TYPES 'BOXNHL'/'BOXNHL-WCCS' 'BOXNHL-MBS'/'BOXNS/BOXNHL 2ST'
SUPERSEDES	DATE	
SCALE	BY	
CHECKED	BY	
DRAWN	BY	
TRACED	BY	
CORRECTED	BY	
J.S. NO.	WD-05086	0/05
B.G.	R.D.S.O.	GROUP
[W]		WD-05086-S-01

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