

WHEEL ALIGNMENT CENTRE

WHEEL ALIGNMENT RESULTS

Job Number - 24573

Date : 14/05/2014	TIME : 10:20 am	Regn. No. : PY-01-AE-0523
Mechanic : Ramji		Owner : MANATEC
Odometer : 14685		Address : INDUSTRIAL ESTATE
Make : ASHOK LEYLAND		City : PUDUCHERRY
Model : MAV 6x2 - DE15		State : PUDUCHERRY
		Phone : 2243225

Within limits		Before correction	Specification			After correction
			Min	Target	Max	
Out of limits		FRONT AXLE ALIGNMENT RESULTS - F1				
CAMBER	Left	-00°08'	-00°25'	+00°25'	+01°15'	+00°06'
	Right	+00°39'	-00°25'	+00°25'	+0°15'	+01°37'
	Max.diff. Left/Right	00°47'	---	00°50'	---	00°43'
KINGPIN	Left	+10°04'	+06°30'	+06°30'	+06°30'	+10°04'
	Right	+11°19'	+06°30'	+06°30'	+06°30'	+11°19'
	Max.diff. Left/Right	01°15'	---	00°00'	---	01°15'
INCLUDED ANGLE	Left	+09°56'	+06°55'	+06°55'	+06°55'	+09°55'
	Right	+11°58'	+06°55'	+06°55'	+06°55'	+11°56'
	Max.diff. Left/Right	02°02'	---	+06°00'	---	01°58'
CASTER	Left	+03°38'	+03°00'	+03°30'	+04°00'	+03°49'
	Right	+03°48'	+03°00'	+03°30'	+04°00'	+03°39'
	Max.diff. Left/Right	00°10'	---	00°30'	---	00°10'
TOE (mm)	Left	+7.5	+0.6	+1.0	+1.5	+0.9
	Right	-4.3	+0.6	+1.0	+1.5	+3.39
	Max.diff. Left/Right	11.8	---	0.4	---	0.3
TOTAL TOE (mm)		+3.3	+1.2	+2.1	+3.0	+2.1
		FRONT AXLE ALIGNMENT RESULTS - F2				
CAMBER	Left	+00°14'	-00°25'	+00°25'	+01°15'	+00°15'
	Right	+00°29'	-00°25'	+00°25'	+0°15'	+00°29'
	Max.diff. Left/Right	00°15'	---	00°50'	---	00°14'
KINGPIN	Left	-07°16'	+06°30'	+06°30'	+06°30'	-07°16'
	Right	-10°21'	+06°30'	+06°30'	+06°30'	-10°21'
	Max.diff. Left/Right	03°05'	---	00°00'	---	03°05'
INCLUDED ANGLE	Left	-07°02'	+06°55'	+06°55'	+06°55'	-07°01'
	Right	-09°52'	+06°55'	+06°55'	+06°55'	-09°52'
	Max.diff. Left/Right	02°50'	---	00°00'	---	02°51'
CASTER	Left	+02°39'	+06°55'	+06°55'	+06°55'	-07°01'
	Right	+02°52'	+06°55'	+06°55'	+06°55'	-09°52'
	Max.diff. Left/Right	02°50'	---	00°00'	---	02°51'
TOE (mm)	Left	+0.3	+0.6	+1.0	+1.5	+1.6
	Right	+3.4	+0.6	+1.0	+1.5	+0.9
	Max.diff. Left/Right	3.1	---	0.4	---	0.7
TOTAL TOE (mm)		+3.7	+1.2	+2.1	+3.0	+2.5
PARALLELISM		-00°27'	-00°05'	+00°00'	+00°05'	+00°04'
		REAR AXLE ALIGNMENT RESULTS - B3				
CAMBER	Left	-00°04'	---	---	---	-00°04'
	Right	+00°04'	---	---	---	-00°04'
	Max.diff. Left/Right	00°08'	---	---	---	00°08'
SCRUB ANGLE		-00°01'	-00°05'	+00°00'	+00°05'	-00°01'
TOE (mm)	Left	+0.6	---	---	---	+0.3
	Right	+0.9	---	---	---	+0.6
	Max.diff. Left/Right	0.3	---	---	---	0.3
TOTAL TOE (mm)		+1.5	---	---	---	+0.9
		REAR AXLE ALIGNMENT RESULTS - B2				
CAMBER	Left	-00°02'	---	---	---	-00°02'
	Right	+00°14'	---	---	---	-00°13'
	Max.diff. Left/Right	00°16'	---	---	---	00°15'
THRUST ANGLE		-00°18'	-00°05'	+00°00'	+00°05'	-00°18'
TOE (mm)	Left	-3.5	---	---	---	-3.4
	Right	+1.9	---	---	---	+1.9
	Max.diff. Left/Right	5.5	---	---	---	5.3
TOTAL TOE (mm)		-1.6	+1.2	+2.1	+3.0	-1.5
		REAR AXLE ALIGNMENT RESULTS - B1				
CAMBER	Left	+00°13'	-00°25'	+00°25'	+01°15'	+00°12'
	Right	+00°00'	-00°25'	+00°25'	+01°15'	-00°01'
	Max.diff. Left/Right	00°13'	---	00°00'	---	00°13'
SCRUB ANGLE		---	-00°25'	+00°00'	+00°05'	---
TOE (mm)	Left	+1.2	+0.6	+1.0	+1.5	+0.9
	Right	-4.0	+0.6	+1.0	+1.5	+1.2
	Max.diff. Left/Right	5.2	---	0.4	---	0.3
TOTAL TOE (mm)		-2.8	+1.2	+2.1	+3.0	+2.1

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