



COMPLETED VEHICLE MH ALIGNMENT AND RIDE HEIGHT SPECIFICATIONS

CHASSIS INFORMATION			AXLE ALIGNMENT SPECIFICATIONS						RIDE HEIGHT (a) (b)	
CHASSIS MODEL	FRT. AXLE MODEL	FRT SUSPENSION	CASTER (Degrees)		TOE-IN (Inches)		CAMBER ANGLE (Degrees)		FRONT (Inches)	REAR (Inches)
	REAR AXLE MODEL	REAR SUSPENSION								
	TAG									
K3	DANA KIRKSTALL IFS 84		3.00 (c) Nominal	N/A	0.125	+ / - 0.06	0.50	+ / - 0.25	8.00 (6)(7)	
	TUTHILL/GRANNING IFS 1660 FAMILY		3.00	0.50	0.125	+ / - 0.06	0.25	+ / - 0.25	9.25 (5)(7)	
	ARVIN MERITOR RC23161	RIDEWELL AIR 246 AR	Thrust Angle 0 +/- 0.15 degrees (d)							8.25 (1)
	TAG (non-steer, non-lift)		Thrust Angle (to drive axle): 0 +/- 0.08 degrees (e)							
K2	TUTHILL/GRANNING IFS 1460 FAMILY		3.00	0.50	0.125	+ / - 0.06	0.25	+ / - 0.25	9.00 (4)(7)	
	DANA KIRKSTALL IFS 84		3.00 (c) Nominal	N/A	0.125	+ / - 0.06	0.50	+ / - 0.25	8.00 (6)(7)	
	TUTHILL/GRANNING IFS 1660 FAMILY		3.00	+ / - 0.50	0.125	+ / - 0.06	0.25	+ / - 0.25	9.25 (5)(6)	
	ARVIN MERITOR RC19145	REYCO AIR 240 AR	Thrust Angle 0 +/- 0.15 degrees (d)							8.25 (1)
	TAG (non-steer, non-lift)		Thrust Angle (to drive axle): 0 +/- 0.08 degrees (e)							
MM	ARVIN MERITOR FF961/MFS-14	REYCO AIR MODEL 1200	3.50	+ / - 0.50	0.06	+ / - 0.03	Lt Side + 0.69 to - 0.19 Rt Side + 0.19 to - 0.69 (c)		10.25 (2)	
	TUTHILL/GRANNING IFS 1260 FAMILY		3.00	+ / - 0.50	0.125	+ / - 0.06	0.25	+ / - 0.25	16.36 (3)(7)	
	TUTHILL/GRANNING IFS 1460 FAMILY		3.00	+ / - 0.50	0.125	+ / - 0.06	0.25	+ / - 0.25	9.00 (4)(7)	
	ARVIN MERITOR RS19145	REYCO AIR 240 AR	Thrust Angle 0 +/- 0.15 degrees (d)							8.25 (1)
	ARVIN MERITOR RS19145	REYCO AIR 104 AR	Thrust Angle 0 +/- 0.15 degrees (d)							8.50 (1)
	TAG (non-steer, non-lift)		Thrust Angle (to drive axle): 0 +/- 0.08 degrees (e)							
NVS	TUTHILL/GRANNING IFS 1260 FAMILY		3.00	+ / - 0.50	0.125	+ / - 0.06	0.25	+ / - 0.25	16.36 (3)(7)	
	ARVIN MERITOR FF961/MFS-14	REYCO AIR MODEL 1200	3.50	+ / - 0.50	0.06	+ / - 0.03	Lt Side + 0.69 to - 0.19 Rt Side + 0.19 to - 0.69 (c)		10.25 (2)	
	ARVIN MERITOR RS19145	REYCO AIR 240 AR	Thrust Angle 0 +/- 0.15 degrees (d)							8.25 (1)
SP	ARVIN MERITOR FF961/MFS-14	REYCO AIR MODEL 1200	3.50	+ / - 0.50	0.06	+ / - 0.03	Lt Side + 0.69 to - 0.19 Rt Side + 0.19 to - 0.69 (c)		10.25 (2)	
	ARVIN MERITOR RS21145	REYCO AIR 102 AR	Thrust Angle 0 +/- 0.15 degrees (d)							7.50 (1)

(a) A tolerance of +/- 0.125" (1/8 IN.) applies to each ride height specification.

(b) Ride Height Measuring Methods:

NOTE: Refer to Section 12.2.1 of the Body Builders Manual to properly prepare the vehicle for measuring ride height.

- (1) Rear: Measured from bottom of frame to center of axle.
- (2) Front with I-Beam Axle: Measured from the bottom of the frame rail to top of axle spring pad.
- (3) Front with 1260 IFS: Measure the height of the shock.
- (4) Front with 1460 IFS: Measure the height of the air spring from the top spring pad to the bottom spring pad.
- (5) Front with 1660 IFS: Measure the height of the air spring from the top spring pad to the bottom spring pad.
- (6) All other configurations:
 - 6a. Measure the distance (X) from the bottom of the frame rail to the ground.
 - 6b. Measure the distance (Y) from the center of the spindle (hub cap) to the ground.
 - 6c. Ride height measurement equals X - Y.
- (7) Refer to the respective IFS Service Manual for alternate method of measurement.

(c) Not Adjustable

(d) Drive Axle Track <= 0.13 inches

(e) Equipment measuring tag axle thrust angle relative to the front steer axle:

The difference between the drive axle thrust and the tag axle thrust should be <= 0.08 degrees.