

# Allison MT640, 643, 644, 647, 650, 653, 654

ILL. NO.	PART NUMBER	PER CAR	DESCRIPTION	YEARS
	<b>TMMT640</b>		Technical Manual .....	1972-On
<b>MASTER BOX KITS</b>				
---	<b>K1100J-S</b>		Master Kit (w/o Steels) ..... <b>640-643</b> .....	1972-On
---	<b>K1100JA-S</b>		Master Kit (w/o Steels) ..... <b>650-653</b> .....	1972-On
---	<b>K1100JB-S</b>		Master Kit (w/o Steels) ..... <b>644 (Phase 1 &amp; 2)</b> .....	1972-On
---	<b>K1100JC-S</b>		Master Kit (w/o Steels) ..... <b>654 (Phase 1 &amp; 2)</b> .....	1972-On
<b>Steel Plate Sub-Kits:</b>				
---	<b>K1100J-9</b>		Steel Plate Kit ..... <b>640-643</b> .....	1972-On
---	<b>K1100JA-9</b>		Steel Plate Kit ..... <b>650-653</b> .....	1972-On
---	<b>K1100JB-9</b>		Steel Plate Kit ..... <b>644 (Phase 1 &amp; 2)</b> .....	1972-On
---	<b>K1100JC-9</b>		Steel Plate Kit ..... <b>654 (Phase 1 &amp; 2)</b> .....	1972-On
<b>OVERHAUL KITS, GASKET SETS AND SEAL KITS</b>				
---	<b>K11900J</b>		Overhaul Kit ..... <b>640-653</b> .....	1972-On
---	<b>K11900JA</b>		Overhaul Kit ..... <b>644, 654 (Phase 1 &amp; 2)</b> .....	1972-On
---	<b>K11900J-7</b>		Front Pump Seal-Up Kit ..... <b>All</b> .....	1972-On
<b>GASKET AND RUBBER COMPONENTS</b>				
---	<b>11170H</b>	1	Pan Gasket ..... <b>Duraprene</b> .....	1972-On
---	<b>11101J</b>	1	Front Pump Support Lathe Cut Seal .....	1972-On
---	<b>11100J</b>	1	Front Pump Cover to Case Gasket .....	1972-On
---	<b>11121J</b>	12	Front Pump Bolt Washer Seal .....	1972-On
---	<b>11106H</b>	1	PTO Cover Gasket .....	1972-On
---	<b>3914L</b>	1	Governor Cover Gasket .....	1972-On
---	<b>3410L</b>	1	Modulator to Case O'Ring .....	1972-On
<b>CLUTCH PLATES</b>				
---	<b>11304J</b>	5-6	Forward Clutch Friction ..... <b>30T, .100" - 7.165" O.D.</b> .....	1972-On
---	<b>11305J</b>	5-6	Forward Clutch Steel ( <b>Flat</b> ) ..... <b>18T, .100" - 5.511" I.D.</b> .....	1972-On
---	<b>11304J</b>	4-5	4th Clutch Friction ..... <b>30T, .100" - 7.165" O.D.</b> .....	1972-On
---	<b>11305J</b>	4-5	4th Clutch Steel ( <b>Flat</b> ) ..... <b>18T, .100" - 5.511" I.D.</b> .....	1972-On
---	<b>11308J</b>	3	3rd Clutch Friction ..... <b>.128"</b> .....	1972-On
---	<b>11309J</b>	3	3rd Clutch Steel ( <b>Flat</b> ) ..... <b>8T, .100" - 8.819" I.D.</b> .....	1972-On
---	<b>11308J</b>	3-4	2nd Clutch Friction ..... <b>.128"</b> .....	1972-On
---	<b>11309J</b>	3-4	2nd Clutch Steel ( <b>Flat</b> ) ..... <b>8T, .100" - 8.819" I.D.</b> .....	1972-On
---	<b>11308H</b>	6	1st Clutch Friction ..... <b>80T, .100" - 9.094" O.D.</b> .....	1972-On
---	<b>11307J</b>	6	1st Clutch Steel ( <b>Flat</b> ) ..... <b>.100"</b> .....	1972-On
---	<b>11302J</b>	7	Low Clutch Friction ( <b>654 Phase 1 &amp; 2</b> ) .....	1972-On
---	<b>11308J</b>	5/6	Low Clutch Friction ( <b>Except 654 Phase 1 &amp; 2</b> ) .....	1972-On
---	<b>11303J</b>	8	Low Clutch Steel ( <b>654 Phase1 &amp; 2</b> ) .....	1972-On
---	<b>11303JA</b>	5/6	Low Clutch Steel ( <b>Except 654 Phase1 &amp; 2</b> ) .....	1972-On
<b>METAL CLAD SEALS</b>				
---	<b>11526J</b>	1	Front Pump ..... <b>3.881 O.D.</b> .....	1972-On
---	<b>11526JA</b>	1	Front Pump ..... <b>3.380 O.D.</b> .....	1972-On
---	<b>44507</b>	1	Manual Control Shaft .....	1972-On
---	<b>11551H</b>	1	Rear Cover ..... <b>3.628" O.D.</b> .....	1972-On
---	<b>11551J</b>	1	Rear Cover ..... <b>4.751" O.D.</b> .....	1972-On

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ILL. NO.	PART NUMBER	PER CAR	DESCRIPTION	YEARS
<b>BUSHINGS</b>				
---	<b>K11980J</b>	1	Bushing Kit ( * <b>Not Included</b> ) .....	1972-On
---	<b>11005J</b>	1	Front Pump Body ( <b>643</b> ) .....	1972-On
---	<b>11005JA*</b>	1	Front Pump Body ( <b>640, 650, 653</b> ) .....	1972-On
---	<b>11005JB*</b>	1	Front Pump Body ( <b>644, 654</b> ) .....	1972-On
---	<b>11003J</b>	1	Center Support .....	1972-On
---	<b>11002J</b>	2	Center Sun Gear .....	1972-On
---	<b>11004J</b>	1	Front Planetary Carrier ( <b>I.D. is Finish-in-Place</b> ) .....	1972-On
---	<b>11006J</b>	1	Low Planetary Carrier ( <b>I.D. is Finish-in-Place</b> ) .....	1972-On
---	<b>11009J</b>	1	Rear Output Shaft ( <b>Replaces Bearing</b> ) .....	1972-On
<b>THRUST WASHERS AND BEARINGS</b>				
----	<b>11401H</b>	AR	Turbine Spacer (Exc. 644/54) ..... <b>Gold - .015"</b> .....	1972-On
----	<b>11401J</b>	AR	Turbine Spacer (644/54) ..... <b>Gold - .015"</b> .....	1972-On
----	<b>11401HA</b>	AR	Turbine Spacer (Exc. 644/54) ..... <b>Silver - .030"</b> .....	1972-On
----	<b>11401JA</b>	AR	Turbine Spacer (644/54) ..... <b>Silver - .030"</b> .....	1972-On
----	<b>11401HB</b>	AR	Turbine Spacer (Exc.644/54) ..... <b>Plain - .042"</b> .....	1972-On
----	<b>11401JB</b>	AR	Turbine Spacer (644/54) ..... <b>Plain - .042"</b> .....	1972-On
----	<b>11401HC</b>	AR	Turbine Spacer (Exc. 644/54) ..... <b>Black - .060"</b> .....	1972-On
----	<b>11401JC</b>	AR	Turbine Spacer (644/54) ..... <b>Black - .060"</b> .....	1972-On
----	<b>11401HD</b>	AR	Turbine Spacer (Exc. 644/54) ..... <b>Copper - .075"</b> .....	1972-On
----	<b>11401JD</b>	AR	Turbine Spacer (Exc. 644/54) ..... <b>Copper - .075"</b> .....	1972-On
---	<b>K11465J</b>	1	Front Planetary Pinion Washer Kit .....	1972-On
---	<b>K11465JA</b>	1	Center Planetary Pinion Washer Kit .....	1972-On
---	<b>K11465JA</b>	1	Rear Planetary Pinion Washer Kit .....	1972-On
---	<b>11423HB</b>	12	Low Planetary Pinion Washer (exc. 644/54) .....	1972-On
---	<b>11423JB</b>	8	Low Planetary Pinion Washer (644/54) .....	1972-On
<b>Bearings:</b>				
---	<b>K11941J</b>	1	Thrust Bearing Kit ( <b>* Not Included</b> ) .....	1972-On
---	<b>11420J</b>	2	Forward Clutch Thrust Bearing .....	1972-On
---	<b>11421J</b>	2	Front and Center Bearing .....	1972-On
---	<b>11422H</b>	1	Converter Stator Thrust Bearing .....	1972-On
---	<b>11422J*</b>	1	Converter Hub Bearing .....	1972-On
<b>SEALING RINGS</b>				
---	<b>K11901J</b>	1	Sealing Ring Kit .....	1972-On
---	<b>11200J</b>	1	Converter Pump Hub .....	1972-On
---	<b>11201J</b>	2	Front Pump Support .....	1972-On
---	<b>11202J</b>	1	Turbine/Converter .....	1972-On
---	<b>11203J</b>	2	Front Turbine Shaft .....	1972-On
---	<b>11201J</b>	2	Center Support .....	1972-On
<b>TRANSMISSION OIL FILTERS</b>				
---	<b>11600J</b>	1	Oil Filter ..... <b>Paper Type</b> .....	1972-On
---	<b>11600JA</b>	1	Oil Filter ..... <b>Steel Mesh Type</b> .....	1972-On
---	<b>11609J</b>	1	External Spin-On Cartridge .....	1972-On
---	<b>ATK-234</b>	1	Oil Filter Kit ..... <b>Paper Type</b> .....	1972-On
<b>VACUUM MODULATORS</b>				
---	<b>11820H</b>	1	Large Can .....	1972-On
---	<b>11820HA</b>	1	Small Can .....	1972-On
---	<b>11820HU</b>	1	Adjustable .....	1972-On